



**July 22-26, 2012**

Joseph S. Koury Convention Center  
Greensboro, NC

CAREER AND TECHNICAL EDUCATION  
**2012 SUMMER CONFERENCE**

*North Carolina's Premier CTE Professional Experience*



**PUBLIC SCHOOLS OF NORTH CAROLINA**  
State Board of Education | Department of Public Instruction



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# 2012 Career and Technical Education Summer Conference

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Joseph S. Koury Convention Center, Greensboro, NC

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**July 22-26, 2012**

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## **North Carolina Association for Career and Technical Education**

Bill Ellis  
President

Kristina Yarborough  
President Elect

Tom Jones  
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## **Conference Headquarters**

Conference headquarters is in the Sawgrass Room (near the top of the circular staircase) in the Koury Convention Center. Headquarters will be open from 8:00 a.m. – 4:00 p.m. Monday through Thursday.

## **Registration**

Registration packets may be picked up at the following times.

| <b>Date</b>        | <b>Location/Time</b>                       |
|--------------------|--|
| Monday, July 23    | 5:30 p.m. – 8:30 p.m.<br>Third Floor Lobby |
| Tuesday, July 24   | 8:00 a.m. – 1:00 p.m.<br>Third Floor Lobby |
|                    | 5:00 p.m. – 8:00 p.m.<br>Third Floor Lobby |
| Wednesday, July 25 | 7:15 a.m. – 4:00 p.m.<br>Third Floor Lobby |
| Thursday, July 26  | 8:00 a.m. – 10:00 a.m.<br>Sawgrass Room    |

## **Exhibitors' Showcase**

The Exhibitors' Showcase is in Guilford Ballroom DEFG. This showcase may be visited on Monday, July 23, from 5:30 p.m. to 8:30 p.m. and on Tuesday, July 24, from 8:00 a.m. to 1:30 p.m.

## **Third Floor Exhibitors' Showcase**

The Third Floor Exhibitors' Showcase is in the Third Floor Lobby. This showcase may be visited on Tuesday, July 24, from 5:00 p.m. to 8:00 p.m., on Wednesday, July 25, from 7:15 a.m. to 4:00 p.m., and on Thursday, July 26, from 8:00 a.m. to 1:00 p.m.

## **Activity Locations**

Most conference activities take place at the Koury Convention Center at the Sheraton Greensboro Hotel. Some activities take place at other locations. Check the program for specific details.

## **Renewal Credit/Certification**

All participants should obtain prior approval from their LEA for renewal credit. Record sessions attended on the form provided in the back of this program. After the conference, participants will receive an email regarding the on-line evaluation. Certificates of Attendance will be available after the online evaluation is completed.

## **Professional Association Dues**

Professional association dues may be paid during registration with your program area/group on Tuesday, July 24, in the Third Floor Lobby. At other times during the conference, dues may be paid at the NCACTE Headquarters.

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# General Conference Schedule

## Sunday, July 22, 2012

**8:00 a.m. - 5:00 p.m.    Preconference Sessions**  
(Preregistration is usually required)

## Monday, July 23, 2012

**8:00 a.m. - 5:00 p.m.    Preconference Sessions**  
(Preregistration is usually required)

**5:30 p.m. - 8:30 p.m.    Conference Registration**  
Location:    Third Floor Lobby

**5:30 p.m. - 8:30 p.m.    Exhibitors' Showcase & Reception**  
Location:    Guilford Ballroom DEFG

## Tuesday, July 24, 2012

**8:00 a.m. - noon        Preconference Sessions**  
(Preregistration is usually required)

**8:00 a.m. - 1:00 p.m.    Conference Registration**  
Location:    Third Floor Lobby

**8:00 p.m. - 1:30 p.m.    Exhibitors' Showcase**  
Location:    Guilford Ballroom DEFG

**10:00 a.m.                Exhibitors Showcase' Grand Opening**  
Location:    Guilford Ballroom DEFG

**10:00 a.m. - 10:30 a.m. Break**

**1:30 p.m. - 3:00 p.m.    General Opening Session**  
Location:    Guilford Ballroom ABC

**3:00 p.m. - 3:30 p.m.    Break**

**3:30 p.m. - 5:30 p.m.    Program Area Opening Sessions**  
Location:    See the program area sections of this program.

**5:00 p.m. - 8:00 p.m.    Conference Registration**  
Location:    Third Floor Lobby

**5:00 p.m. - 8:00 p.m.    Third Floor Exhibitors' Showcase**  
Location:    Third Floor Lobby

## Wednesday, July 25, 2012

**7:15 a.m. - 4:00 p.m. Conference Registration**

Location: Third Floor Lobby

**7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase**

Location: Third Floor Lobby

**8:00 a.m. - 5:00 p.m. Program Area Sessions**

Location: See the program area sections of this program.

**10:00 a.m. - 10:30 a.m. Break**

**3:00 p.m. - 3:30 p.m. Break**

## Thursday, July 26, 2012

**8:00 a.m. - 10:00 a.m. Conference Registration**

Location: Sawgrass

**8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase**

Location: Third floor lobby

**8:00 a.m. - 3:00 p.m. Program Area Sessions**

Location: See the program area sections of this program.

**10:00 a.m. - 10:30 a.m. Break**

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### Monday, July 23, 2012

**8:00 a.m. - noon**

#### **Opening Session—CTE Administrative Updates**

CTE Administrators will receive updates from NCDPI staff on topics relevant to administering local CTE programs. Jo Anne Honeycutt, State Director of CTE, and other NCDPI CTE leadership will provide updates on current topics and new initiatives.

Presenters: **Jo Anne Honeycutt**, State Director of Career and Technical Education, NCDPI  
**Felicia Gray-Watson**, CTE Support Services Section Chief, NCDPI  
**Carol Short**, Curriculum Section Chief, NCDPI  
**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI  
**Rhonda Welfare**, State and Federal Accountability Senior Analyst, NCDPI

Location: Victoria A

**10:00 a.m. - noon**

#### **Instructional Management Opening Session**

Come see the new and improved Elements® platform that is coming! Same Elements/“New Twist”! DPI updates in Instructional Management will also be provided.

A drawing for an iPad donated by Thinkgate will be held during this session. You must be present to win.

Presenters: **Margaret Harris, Ph.D.**, Instructional Management Consultant, NCDPI  
**Thinkgate Team**

Location: Guilford C

### Tuesday, July 24, 2012

**9:30 a.m. - noon**

#### **Career and Technical Education Teacher Educators' Opening Session**

This session will begin with introductions and an organizational meeting to develop a work plan for the year. The session will also highlight the research of NC CTE teacher educators.

Presenters: Dr. Jerianne S. Taylor, Appalachian State University  
Chris Droessler, Teacher Educator Consultant, NCDPI

Location: Bear Creek

**1:30 p.m. - 3:00 p.m.**

#### **CTE Summer Conference—General Opening Session**

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President  
**June St. Clair Atkinson, Ed.D.**, State Superintendent  
**Janet Cowell**, State Treasurer  
CTSO Officers

Location: Guilford ABC

**3:30 p.m. - 5:30 p.m.**

#### **Agricultural Education Opening Session: Trends and Issues in Agricultural Education**

This session will include the Agricultural Education and FFA State of the State Addresses as well as a curriculum update. Additionally, participants will gain insights from Agricultural Education/FFA partners.

Presenters: **Joshua Bledsoe**, North Carolina State University  
**Jason Davis**, North Carolina State University  
**Horace Johnson**, North Carolina State University  
**Joshua Starling**, North Carolina State University

Location: Imperial EF

## Opening Sessions

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**Tuesday, July 24, 2012**

### **3:30 p.m. - 5:30 p.m. BFIT Opening General Session**

Join your middle school and high school Business, Finance, and Information Technology Education colleagues as we kick off the BFIT Summer Conference 2012! Be there as we recall our purposes as BFIT educators and refocus our future to embrace the changes to the workforce, the economy, and society as a whole. Celebrate with us the success stories of BFIT teachers who have earned special recognition. Hear updates from state staff on the NEW Essential Standards that will take effect in fall 2012. Reflect about ways to keep your BFIT program up to date and responsive to the needs of students, business and industry, and society.

Presenters: **Linda Lay**, BFIT Consultant, NCDPI  
**Curt C. Miller**, BFIT Consultant, NCDPI  
**Deborah Seehorn**, BFIT Consultant, NCDPI

Location: Guilford B

### **3:30 p.m. - 5:30 p.m. Health Science Education Opening Session**

Welcome to Health Science Education! Join us as we embark on a new beginning. Get general conference information and hear from a leading authority regarding the future of healthcare. This session will focus on the changing needs of our communities and how public health must conform to meet those needs. Let's celebrate being HSEs!

Presenters: **Joan Thompson, R.N., B.S.N., M.A.Ed.**, Health Science Education Consultant, NCDPI  
**Michelle White, R.N., B.S.N., M.S.N.**, Clinical Faculty UNC-CH School of Nursing  
**Cecilia McBryde, R.N., A.D.N., B.A., M.S.**, NBCT, Health Science Education Consultant, NCDPI  
**Agnes Moore, R.N., B.S.N.**, NBCT, Nurse Aide Training Consultant, NCDPI  
**Edith Stewart, R.N.**, NC HOSA State Advisor

Location: Victoria A

### **3:30 p.m. - 5:30 p.m. Marketing and Entrepreneurship Education (MEE) Opening Session**

Be part of the change—Marketing and Entrepreneurship Education! This session will focus on the program's major changes in curriculum delivery to be responsive to the needs of students, business and industry, and society. Take away updates on the NEW Essential Standards that will be effective fall 2012. Also, get an overview of sessions that will cover specific curriculum objectives, ways to integrate interactive devices and projects, trends from business/industry, and new curriculum. Gather tips on using your APPLY IT tool.

Presenters: **Delores P. Ali**, Marketing and Entrepreneurship Consultant, NCDPI  
**Pam O'Brien**, NC DECA State Advisor  
**Carol Short**, Curriculum Section Chief, NCDPI

Location: Auditorium II

### **3:30 p.m. - 5:00 p.m. Opening Session—Family and Consumer Sciences Education**

Join us for the kickoff of Summer Conference 2012 for Family and Consumer Sciences Education as we prepare for another exciting year with future opportunities. Meet your new state consultants and celebrate the success stories of teachers earning special recognitions. Hear updates from the professional organizations and state staff on curriculum developments, directions for the future, and our essential focus for the 2012-2013 school year.

If you are a new FACS teacher or new to the CTE Summer Conference, stay with us immediately following the FACS Opening Session to learn everything there is to know about Summer Conference. Meet your CTE FACS state staff and learn about important opportunities at this conference and throughout the upcoming year. Ask questions, preview the conference, plan your schedule, and network.

Presenters: **Takeda LeGrand**, FACS Education Consultant, NCDPI  
**Janet Johnson**, NC FCCLA State Advisor

Location: Guilford C

**Tuesday, July 24, 2012**

**3:30 p.m. - 5:30 p.m. Revolutionizing Education—Investing in Generation Z**

The CDC/SPC Opening Session includes a conference overview, DPI updates, a brief word from our NCACTE representatives and a dynamic speaker. The 1.5 million members of Generation Z in North Carolina know only a world in which technology, social, and cultural shifts happen in months rather than decades. This highly diverse environment will make the grade schools of the next generation the most diverse ever. Higher levels of technology will make significant inroads in academics allowing for customized instruction and accelerated achievement opportunities.

Gen Z students communicate differently, are motivated differently, and learn differently. How do we innovate and make our work more applicable and meaningful to today's students as they grow into tomorrow's workforce?

Presenters: **Kendall Hageman**, North Carolina State University  
**Bill Hatch**, Special Populations Consultant, NCDPI  
**Marchelle S. Horner**, Career Development Consultant, NCDPI  
**Felicia Gray-Watson**, CTE Support Services Section Chief, NCDPI  
**Liz Vaden**, NCACTE Guidance Division President  
**Ruby McLean**, NCACTE Special Needs Division President

Location: Imperial ABC

**3:30 p.m. - 4:30 p.m. T&I Opening General Session**

State T&I consultants will share updates, new courses, policies, and give direction for the 2012-2013 school year.

Presenters: **David Barbour**, T&I Education Consultant, NCDPI  
**Craig Pendergraft**, T&I Education Consultant, NCDPI  
**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI

Location: Imperial D

**3:30 p.m. - 5:30 p.m. Technology Engineering and Design Education Opening Session**

Randy Crowell, our opening session speaker, was a high school dropout who enrolled in college at the age of fifty to pursue his childhood dream of working in a research laboratory. Randy received a degree in biotechnology and is currently working for the NC Biotech Research Center in Kannapolis NC. Come hear Randy's story as well as updates from NCDPI.

Presenters: **Brian Moye**, Technology Engineering and Design Education Consultant, NCDPI  
**Randy Crowell**, NC Biotech Center, Kannapolis NC

Location: Auditorium IV





# NCACTE

North Carolina Association for  
Career and Technical Education

**Bill Ellis**, President

**Kristina Yarborough**, President Elect

**Tom Jones**, Executive Director

**Brenda Jones**, Finance Officer

CAREER AND TECHNICAL EDUCATION

**Sunday, July 22, 2012**

**7:00 p.m. - 9:00 p.m. NCACTE Executive Committee Meeting**

Location: Edgewood

**7:00 p.m. - 9:00 p.m. Administration Division of NCACTE—Board of Directors’ Meeting**

The Administration Division Board of Directors of NCACTE will conduct its business meeting during this session.

Presenter: **Jonathan Clontz**, President, NCACTE Administration Division

Sponsor: NCACTE Administration Division

Location: Oak ABC

**Monday, July 23, 2012**

**9:00 a.m. - 10:00 a.m. NCACTE Division Treasurers’ Meeting**

Location: Edgewood

**9:00 a.m. - 11:00 a.m. NCACTE Leadership Training**

Location: Blandwood

**9:00 a.m. - 11:00 a.m. NCACTE Resolutions Committee Meeting**

Location: McCormick

**11:00 a.m. - noon NCACTE Awards Committee Meeting**

Location: Edgewood

**11:00 a.m. - noon NCACTE Bylaws Committee Meeting**

Location: Oyster Bay

**11:00 a.m. - noon NCACTE Legislative Committee Meeting**

Location: Cardinal

**11:00 a.m. - noon NCACTE Membership Committee Meeting**

Location: Old North

**11:00 a.m. - noon NCACTE Newsletter Committee Meeting**

Location: Links

**11:00 a.m. - noon NCACTE Nominations Committee Meeting**

Location: Gate City

**11:00 a.m. - noon NCACTE Professional Development Committee Meeting**

Location: Olympia

**11:00 a.m. - noon NCACTE Public Information Committee Meeting**

Location: Edinburgh

**11:00 a.m. - noon NCACTE Strategic Plan Committee Meeting**

Location: St Andrews

**11:00 a.m. - noon NCACTE Ways & Means Committee Meeting**

Location: Birch

**1:30 p.m. - 5:00 p.m. NCACTE Board of Directors’ Meeting**

Location: Imperial D

**5:30 p.m. - 8:30 p.m. Exhibitors’ Showcase & Reception**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

## Tuesday, July 24, 2012

### **8:00 a.m. - 1:30 p.m. Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

### **1:30 p.m. - 3:00 p.m. CTE Summer Conference—General Opening Session**

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President  
**June St. Clair Atkinson, Ed.D.**, State Superintendent  
**Janet Cowell**, State Treasurer  
**CTSO Officers**

Location: Guilford ABC

### **5:00 p.m. - 8:00 p.m. Third Floor Exhibitors' Showcase and Studio Presentations**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

## Wednesday, July 25, 2012

### **7:00 a.m. - 8:00 a.m. NCACTE Board of Directors' Meeting**

Location: Victoria A

### **7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

### **5:30 p.m. - 7:30 p.m. NCACTE Assembly of Delegates**

Location: Imperial D

### **7:30 p.m. - 9:30 p.m. Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

**Thursday, July 26, 2012**

**8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**3:30 p.m. - 5:00 p.m. NCACTE Executive Committee Meeting**

Location: Links







# CTE Administrators



|  |              |
|--|--------------|
| <b>Jo Anne Honeycutt</b> , CTE Director, <a href="mailto:JoAnne.Honeycutt@dpi.nc.gov">JoAnne.Honeycutt@dpi.nc.gov</a>                | 919.807.3818 |
| <b>Ted Summey</b> , Central Region Coordinator, <a href="mailto:Ted.Summey@dpi.nc.gov">Ted.Summey@dpi.nc.gov</a>                     | 336.721.2131 |
| <b>Christina Harris</b> , Northeast Region Coordinator, <a href="mailto:Christina.Harris@dpi.nc.gov">Christina.Harris@dpi.nc.gov</a> | 252.789.4908 |
| <b>Marty Tobey</b> , Northwest Region Coordinator, <a href="mailto:Marty.Tobey@dpi.nc.gov">Marty.Tobey@dpi.nc.gov</a>                | 336.475.0184 |
| <b>John Kirkman</b> , Southeast Region Coordinator, <a href="mailto:John.Kirkman@dpi.nc.gov">John.Kirkman@dpi.nc.gov</a>             | 919.777.2727 |
| <b>(vacant)</b> , Southwest Region Coordinator   |              |
| <b>Wendy Edney</b> , West Region Coordinator, <a href="mailto:Wendy.Edney@dpi.nc.gov">Wendy.Edney@dpi.nc.gov</a>                     | 828.697.4932 |
| <b>Cindy Worrill</b> , Finance and Data Assistant, <a href="mailto:Cindy.Worrill@dpi.nc.gov">Cindy.Worrill@dpi.nc.gov</a>            | 919.807.3905 |
| <b>Chanda Pickett</b> , Administrative Assistant, <a href="mailto:Chanda.Pickett@dpi.nc.gov">Chanda.Pickett@dpi.nc.gov</a>           | 919.807.3818 |

### Sunday, July 22, 2012

**noon - 6:00 p.m. Career and Technical Education Administrator of the Year Interviews—  
Danny Hardee CTE Administrator of the Year (Invitation Only)**

Interviews of candidates for the Danny Hardee Career and Technical Education Administrator of the Year Award will be conducted on a scheduled basis.

Presenter: **Crystal Cheek**, Vice President, NCACTE Administration Division

Sponsor: NCACTE Administration Division

Location: McCormick

**7:00 p.m. - 9:00 p.m. Administration Division of NCACTE—Board of Directors' Meeting**

The Administration Division Board of Directors of NCACTE will conduct its business meeting during this session.

Presenter: **Jonathan Clontz**, President, NCACTE Administration Division

Sponsor: NCACTE Administration Division

Location: Oak ABC

### Monday, July 23, 2012

**8:00 a.m. - noon Opening Session—CTE Administrative Updates**

CTE Administrators will receive updates from NCDPI staff on topics relevant to administering local CTE programs. Jo Anne Honeycutt, State Director of CTE, and other NCDPI CTE leadership will provide updates on current topics and new initiatives.

Presenters: **Jo Anne Honeycutt**, State Director of Career and Technical Education, NCDPI  
**Felicia Gray-Watson**, CTE Support Services Section Chief, NCDPI  
**Carol Short**, Curriculum Section Chief, NCDPI  
**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI  
**Rhonda Welfare**, State and Federal Accountability Senior Analyst, NCDPI

Location: Victoria A

**noon - 1:15 p.m. NCACTE Administration Division Business Luncheon**

The Administration Division of the Association for Career and Technical Education will conduct its business at this session. All administrators and administrative interns are invited to this session. Recognitions will be presented including recognition of completers of the administrative intern program and the recipient of the Danny Hardee CTE Administrator of the Year Award.

Presenter: **Jonathan Clontz**, 2011-2012 President, NCACTE Administration Division

Sponsor: NCACTE Administration Division

Location: Victoria BC

**1:30 p.m. - 2:15 p.m. Caterpillar Apprenticeship Partnership—Training in Welding (CAT-W)  
Program in Lee County (Repeat Session)**

After the announcement of Caterpillar's manufacturing expansion of their Sanford NC Facility, the company along with the Lee County Schools CTE advisory council developed a goal of restarting an apprenticeship program. Caterpillar leadership stepped up to partner with Lee County Schools and Central Carolina Community College to start a two-year program that includes a state-recognized apprenticeship certificate in welding through Career and College Promise and preferred employment of completers at Caterpillar after high school graduation.

Presenters: **Aaron Fleming**, CTE Director, Lee County Schools  
**Stephen Athans**, Dean of Vocational and Technical Education, Central Carolina Community College

Location: Imperial A

## CTE Administrators

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**Monday, July 23, 2012**

**1:30 p.m. - 2:15 p.m. Classroom Inventory and District Inventory Using Google Docs (Repeat Session)**

Page 65 of the CTE Fiscal and Policy Guide states that “each LEA or school should have a process of inventorying all CTE equipment annually to ensure that equipment remains in place when teachers change or classrooms/labs are moved.” Participants in this session will review CTE equipment inventory requirements and learn how to use Google Docs as an active method to collect and maintain inventories. Participants should bring an iPad or notebook computer to this session to take full advantage of the presentation.

Presenter: **David Wehbie**, CTE Administrator, Wake County Public School System  
**Phil Vice**, IMC, Wake County Public School System

Location: Imperial E

**1:30 p.m. - 2:15 p.m. Concord High School Fire Academy: Training the Future of the North Carolina Fire Service (Repeat Session)**

Learn how Concord High School in Cabarrus County is providing North Carolina with a ready pool of certified Firefighter I and II personnel. Hear firsthand from those who molded the program into the success it is today. If you are interested in learning how your school or system can start a Fire Fighter program, or if you just want to be inspired, please join us to learn more.

Presenters: **Chief David Barlow**, Program Chief, Concord High School  
**Amber Cline**, Student Program Chief, Concord High School  
**Jerry Hathcock**, Career Development Coordinator, Concord High School  
**Lisa Conger**, CTE Administrator, Cabarrus County Schools

Location: Imperial B

**1:30 p.m. - 2:15 p.m. Elements® 2012 for Administrators who are IMCs Too (Repeat Session)**

A new and improved Elements® platform is coming! Join this session for an in-depth look at specific features. Areas addressed will include exploring the new interface, district, and classroom test creation and administration, and reporting.

Presenter: **Steve Gambill**, Thinkgate

Location: Cedar BC

**1:30 p.m. - 3:00 p.m. Literacy Professional Development and the Common Core**

College and career ready reading and writing in career-technical fields requires students to be able to gain knowledge from challenging manuals and technical texts that often make extensive use of elaborate diagrams and data to convey information and illustrate concepts. Students must be able to read complex informational texts in these fields with independence and confidence, because the vast majority of reading in college and workforce training programs will be high-level nonfiction. The Literacy Common Core State Standards (CCSS) are meant to complement the specific content demands of technical subjects, not replace them. In this session participants will practice professional development strategies that embed the Literacy CCSS.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial G

**1:30 p.m. - 2:15 p.m. Orientation to CTE Monitoring for Compliance Visits (Repeat Session)**

Every school district will receive a monitoring for compliance visit during a six year cycle. Eighteen to 20 school districts annually will be visited. This session will provide an overview and introduction to the processes involved. For districts receiving visits during 2012-13, this session will provide the basics for “getting ready” for the visit. Administrators and other district personnel are encouraged to attend this session if the district is the recipient of a visit this year.

Presenter: **Ted W. Summey**, Central Region CTE Coordinator, NCDPI

Location: Imperial C

**Monday, July 23, 2012**

**1:30 p.m. - 2:15 p.m. Performance Assessments/Rubrics**

Authentic, performance-based learning is a great way to make learning meaningful to students and to encourage them to be creative, innovative, and constructive. Maintain rigor and relevance in your assessment practices through effective use of rubrics in Elements.

Presenter: **Elechia Miles**, Thinkgate

Location: Cedar A

**1:30 p.m. - 2:15 p.m. STEM School and STEM Program Recognition—Using the STEM Rubric (Repeat Session)**

You say you are a STEM program: How do you know, and what guidelines are you using to know you are STEM? North Carolina is implementing a self-assessment rubric followed by a review from business and industry and postsecondary education to evaluate elementary, middle, and high school STEM programs. A new program to recognize schools as North Carolina STEM Schools will be described.

Presenter: **Rebecca Payne**, Director of STEM Education and Leadership, NCDPI

Location: Imperial F

**1:30 p.m. - 2:15 p.m. Student Leadership Academy—A Consortium’s Way to Recognize Student Leaders (Repeat Session)**

Student leaders share unique qualities. Whether they are CTSO officers or recognized for their talents in their CTE classrooms, see how a regional consortium and an incredible business partner, Biltmore Estates, and two community colleges, combine efforts to host a fun-filled day focused on work-place skills, business etiquette, and leadership.

Presenters: **Sharon Caffrey**, CTE Administrator, Asheville City Schools  
**Christy Cheek**, CTE Administrator, Buncombe County Schools

Location: Oak AB

**2:15 p.m. - 3:00 p.m. A CTE Administrator’s Guide to the Analysis and Reporting (A&R) System (Repeat Session)**

Have you ever wondered what is in the A&R System and why a local administrator needs that information? This session will answer those questions and will provide a basic orientation to the A&R System. Presenters will point out the key parts and provide simple explanations for what types of data can be mined from the A&R. Descriptions for how to generate the data and disaggregate it will also be provided.

Presenters: **Wendy Edney**, West Region CTE Coordinator, NCDPI  
**Marty Tobey**, Northwest Region CTE Coordinator, NCDPI

Location: Imperial A

**2:15 p.m. - 3:00 p.m. Classroom Inventory and District Inventory Using Google Docs (Repeat Session)**

Page 65 of the CTE Fiscal and Policy Guide states that “each LEA or school should have a process of inventorying all CTE equipment annually to ensure that equipment remains in place when teachers change or classrooms/labs are moved.” Participants in this session will review CTE equipment inventory requirements and learn how to use Google Docs as an active method to collect and maintain inventories. Participants should bring an Ipad or notebook computer to this session to take full advantage of the presentation.

Presenter: **David S. Webbie**, CTE Administrator, Wake County Public Schools  
**Phil Vice**, IMC, Wake County Public School System

Location: Imperial E

**2:15 p.m. - 3:00 p.m. Elements® 2012 for Administrators who are IMCs Too (Repeat Session)**

A new and improved Elements platform is coming! Join this session for an in-depth look at specific features. Areas addressed will include exploring the new interface, district and classroom test creation and administration, and reporting.

Presenter: **Steve Gambill**, Thinkgate

Location: Cedar BC

## CTE Administrators

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**Monday, July 23, 2012**

**2:15 p.m. - 3:00 p.m. Getting Organized for Your CTE Monitoring for Compliance Visit (Repeat Session)**

This session will focus on the organization of files and artifacts you will need to compile for the Monitoring for Compliance Team. You will hear how the presenter successfully prepared for his LEA's visit in 2011-2012. Topics will include how to compile and organize the files and artifacts, how to piece together interview groups, how to develop daily agendas, and at what level to involve faculty in the planning.

Presenter: **Kevin Bradley**, CTE Administrator, Rutherford County Schools

Location: Imperial C

**2:15 p.m. - 3:00 p.m. Implementation of IC3 (Internet and Computing Core Certification) Program into the Middle School Program (Repeat Session)**

Warren County Schools offers students in the 7th and 8th grades an opportunity to complete the three modules needed to become IC3 certified. The Key Applications module is taught in 7th grade as an 18-week course. The Living Online and Computer Fundamentals modules are taught in the 8th grade as 9-week modules. This session will include how the implementation was done and the results after two years.

Presenter: **Ernie Conner**, CTE Administrator, Warren County Schools

Location: Imperial B

**2:15 p.m. - 3:00 p.m. STEM School and STEM Program Recognition—Using the STEM Rubric (Repeat Session)**

You say you are a STEM program: How do you know, and what guidelines are you using to know you are STEM? North Carolina is implementing a self-assessment rubric followed by a review from business and industry and postsecondary education to evaluate elementary, middle, and high school STEM Programs. A new program to recognize schools as North Carolina STEM Schools will be described.

Presenter: **Rebecca B. Payne**, Director of STEM Education and Leadership, NCDPI

Location: Imperial F

**2:15 p.m. - 3:00 p.m. Student Leadership Academy—A Consortium's Way to Recognize Student Leaders (Repeat Session)**

Student leaders share unique qualities. Whether they are CTSO officers or recognized for their talents in their CTE classrooms, see how a regional consortium and an incredible business partner, Biltmore Estates, and two community colleges, combine efforts to host a fun-filled day focused on work-place skills, business etiquette and leadership.

Presenters: **Sharon Caffery**, CTE Administrator, Asheville City Schools  
**Crystal Cheek**, CTE Administrator, Buncombe County Schools

Location: Oak AB

**2:15 p.m. - 3:00 p.m. Using "Clickers" With Elements®**

Attend this session to learn best practices for using hand-held devices, "clickers," for assessment administration with Elements. "Clicker" setup, options for administration, and viewing data will be demonstrated and discussed.

Presenter: **Elechia Miles**, Thinkgate

Location: Cedar A

**Monday, July 23, 2012****3:30 p.m. - 4:15 p.m. Apple—Not Just a Fruit...It's a Tool Used in Foods and Marketing (Repeat Session)**

Technology skills are mandatory for 21st Century global learners. To ensure proper integration of technology into our courses, we have begun utilizing iPads to address all learning styles of students. Placing technology into the hands of 21st Century learners promotes literacy skills while simultaneously engaging every learner in all assigned tasks. This presentation will help you learn to use an iPad and the great applications offered to you as you create 21st Century learners.

Presenters: **Shelley Daughtry**, Midway High School, Sampson County Schools  
**Randi Kaye McMillan**, Union High School, Sampson County Schools  
**Charlotte Murphy**, Assistant Superintendent/CTE Administrator, Sampson County Schools

Location: Oak AB

**3:30 p.m. - 4:15 p.m. Best Practices Roundtables for Instructional Management (Repeat Session)**

Best practices in Instructional Management will be shared by practitioners from the field. Areas presented will include data utilization, system wide pretesting and benchmarks, system wide pacing guides, online testing, and managing accommodations among others.

Presenters: **Margaret Chase**, IMC, Wake County Schools  
**Jeff Gould**, IMC, Edgecombe County Schools  
**Sylvia Parker**, IMC, Brunswick County Schools  
**Stephen Kelly**, IMC, Cumberland County Schools  
**Ginger Stone**, IMC, Sampson County Schools

Location: Cedar A

**3:30 p.m. - 4:15 p.m. Caterpillar Apprenticeship Partnership—Training in Welding (CAT-W) Program In Lee County (Repeat Session)**

After the announcement of Caterpillar's manufacturing expansion of their Sanford NC Facility, the company along with the Lee County Schools CTE advisory council developed a goal of restarting an apprenticeship program. Caterpillar leadership stepped up to partner with Lee County Schools and Central Carolina Community College to start a two-year program that includes a state-recognized apprenticeship certificate in welding through Career and College Promise and preferred employment of completers at Caterpillar after high school graduation.

Presenters: **Aaron Fleming**, CTE Director, Lee County Schools  
**Stephen Athans**, Dean of Vocational and Technical Education, Central Carolina Community College

Location: Imperial A

**3:30 p.m. - 4:15 p.m. Concord High School Fire Academy: Training the Future of the North Carolina Fire Service (Repeat Session)**

Learn how Concord High School in Cabarrus County is providing North Carolina with a ready pool of certified Firefighter I and II personnel. Hear firsthand from those who molded the program into the success it is today. If you are interested in learning how your school or system can start a Fire Fighter program, or if you just want to be inspired, please join us to learn more.

Presenters: **Chief David Barlow**, Program Chief, Concord High School  
**Miss Amber Cline**, Student Program Chief, Concord High School  
**Jerry Hathcock**, Career Development Coordinator, Concord High School  
**Lisa Conger**, CTE Administrator, Cabarrus County Schools

Location: Imperial B

## CTE Administrators

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**Monday, July 23, 2012**

**3:30 p.m. - 5:00 p.m. Eastern Region STEM Partnership**

Great importance has been placed on increasing rigor in America's classrooms through areas such as STEM (Science, Technology, Engineering and Mathematics). CTE is embedded, integrated, and interlocked with STEM education and will become the forerunner in providing solid STEM curriculum. The Eastern Region STEM Partnership is a coalition of NC's Eastern Region, four school systems, community colleges, and various industries along the Aerospace Corridor of Eastern North Carolina. All entities come together to one table to create an industry-driven model of creating a highly skilled, homegrown workforce that will not only fill today's employment needs but also attract future industry.

Presenters: **Chris Bailey**, CTE Administrator, Craven County Schools  
**Earline Brogden**, CTE Administrator, Wayne County Schools  
**John Chaffee**, President/CEO of North Carolina's Eastern Region Economic Development Commission  
**Steven Hill**, Executive Director STEM East  
**Mark Meno**, Research and Engineering Group Head, Fleet Readiness Centers East

Location: Imperial E

**3:30 p.m. - 4:15 p.m. Elements® for Administrators who are NOT IMCs Too (Repeat Session)**

A new and improved Elements platform is coming! Join this session for a general overview of the new platform. Areas addressed will include viewing the new interface, along with a preview of test creation, and administration and reporting.

Presenter: **Elechia Miles**, Thinkgate

Location: Cedar BC

**3:30 p.m. - 4:15 p.m. Everything You've Always Wanted to Know About LCOs (Repeat Session)**

Information will be shared on the new Local Course Option application process. Be the FIRST to view the new LCOs in Elements!

Presenters: **Daniel Smith, Ph.D.**, Student Certifications and Credentialing Section Chief, NCDPI  
**Bruce Sherman**, CTE Administrator, Winston Salem/Forsyth County Schools

Location: Imperial F

**3:30 p.m. - 5:00 p.m. Increasing Rigor Using Revised Bloom's Taxonomy**

Increasing rigor in CTE classes is an important goal if students are to master CTE standards and competencies. Likewise, the new Literacy Common Core State Standards, which include "Technical Studies," are at the highest levels of cognitive demand. The Revised Bloom's Taxonomy, with its six levels of cognitive complexity, is a tool to raise rigor. Participants will review the RBT levels, examine examples of assignments and assessments at different levels, and practice revising low-level assignments to make them more rigorous. This session is especially relevant because North Carolina is revising the Honors Teaching Portfolio requirements, and districts will need to revise their portfolios.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial G

**3:30 p.m. - 4:15 p.m. Orientation to CTE Monitoring for Compliance Visits (Repeat Session)**

Every school district will receive a monitoring for compliance visit during a six-year cycle. Eighteen to 20 school districts annually will be visited. This session will provide an overview and introduction to the processes involved. For districts receiving visits during 2012-13, this session will provide the basics for "getting ready" for the visit. Administrators and other district personnel are encouraged to attend this session if the district is the recipient of a visit this year.

Presenter: **Ted W. Summey**, Central Region CTE Coordinator, NCDPI

Location: Imperial C



**Monday, July 23, 2012**

**4:15 p.m. - 5:00 p.m. A CTE Administrator's Guide to the Analysis and Reporting (A&R) System (Repeat Session)**

Have you ever wondered what is in the A&R System and why a local administrator needs that information? This session will answer those questions and will provide a basic orientation to the A&R System. Presenters will point out the key parts and provide simple explanations for what types of data can be mined from the A&R. Descriptions for how to generate the data and disaggregate it will also be provided.

Presenters: **Wendy Edney**, West Region CTE Coordinator, NCDPI  
**Marty Tobey**, Northwest Region CTE Coordinator, NCDPI

Location: Imperial A

**4:15 p.m. - 5:00 p.m. Apple—Not Just a Fruit...It's a Tool Used in Foods and Marketing (Repeat Session)**

Technology skills are mandatory for 21st Century global learners. To ensure proper integration of technology into our courses, we have begun utilizing iPads to address all learning styles of students. Placing technology into the hands of 21st Century learners promotes literacy skills while simultaneously engaging every learner in all assigned tasks. This presentation will help you learn to use an iPad and the great applications offered to you as you create 21st Century learners.

Presenters: **Shelley Daughtry**, Midway High School, Sampson County Schools  
**Randi Kaye McMillan**, Union High School, Sampson County Schools  
**Charlotte Murphy**, Assistant Superintendent/CTE Administrator, Sampson County Schools

Location: Oak AB

**4:15 p.m. - 5:00 p.m. Best Practices Roundtables for Instructional Management (Repeat Session)**

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Presenters: **Margaret Chase**, IMC, Wake County Schools  
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**Sylvia Parker**, IMC, Brunswick County Schools  
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**4:15 p.m. - 5:00 p.m. Elements® for Administrators Who Are Not IMCS Too (Repeat Session)**

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Presenter: **Elechia Miles**, Thinkgate

Location: Cedar BC

**4:15 p.m. - 5:00 p.m. Everything You've Always Wanted to Know about LCOs (Repeat Session)**

Information will be shared on the new Local Course Option application process. Be the FIRST to view the new LCOs in Elements.

Presenters: **Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI  
**Bruce Sherman**, CTE Administrator, Winston Salem/Forsyth County Schools

Location: Imperial F

## CTE Administrators

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### Monday, July 23, 2012

**4:15 p.m. - 5:00 p.m. Getting Organized for Your CTE Monitoring for Compliance Visit (Repeat Session)**

This session will focus on the organization of files and artifacts you will need to compile for the Monitoring for Compliance Team. You will hear how the presenter successfully prepared for his LEA's visit in 2011-2012. Topics will include how to compile and organize the files and artifacts, how to piece together interview groups, how to develop daily agendas, and at what level to involve faculty in the planning.

Presenter: **Kevin Bradley**, CTE Administrator, Rutherford County Schools

Location: Imperial C

**4:15 p.m. - 5:00 p.m. Implementation of IC3 (Internet and Computing Core Certification) Program into the Middle School Program (Repeat Session)**

Warren County Schools offers students in the 7th and 8th grades an opportunity to complete the three modules needed to become IC3 certified. The Key Applications module is taught in 7th grade as an 18-week course. The Living Online and Computer Fundamentals modules are taught in the 8th grade as 9-week modules. This session will include how the implementation was done and the results after two years.

Presenter: **Ernie Conner**, CTE Administrator, Warren County Schools

Location: Imperial B

**5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

### Tuesday, July 24, 2012

**8:00 a.m. - 1:30 p.m. Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

**8:15 a.m. - 10:00 a.m. Curriculum Updates for Administrators and IMCs**

This session will provide updates on curriculum issues from the CTE Division and NCDPI.

Presenters: **Jo Anne Honeycutt**, State Director of Career and Technical Education, NCDPI  
**Carol Short**, Curriculum Section Chief, NCDPI

**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI

**Felicia Gray-Watson**, CTE Support Services Section Chief, NCDPI

Location: Imperial D

**9:00 a.m. - noon Civil Rights Review Training**

This training will be geared toward participants whose LEAs are scheduled for a Civil Rights Review in the coming school year. However, personnel from any LEA are encouraged to attend! This training will: (1) assist LEA personnel to better prepare for a Civil Rights Review, and (2) assist any LEA to achieve or maintain compliance with the Civil Rights regulations. Everyone is welcome, and there is no preconference fee.

Presenter: **Bill Hatch**, Civil Rights Coordinator, NCDPI

Location: Biltmore AB

**Tuesday, July 24, 2012**

**10:30 a.m. - 11:45 a.m. Advisory Boards That Matter**

For many CTE program administrators and teachers, running advisory boards is simply a matter of compliance to a school or state requirement. Meetings can be routine, mundane and frankly - BORING. Meetings often become events that everyone, teachers and board members, want to get finished as quickly as possible.

But in the right hands and with the right structure and formulation, an advisory board can become the lifeblood of an energized program and a school that is well-connected and well-supported by its community.

Our presenters, experts in business-education partnerships and CTE leadership, are preparing a guide to best practices in advisory boards. During this session Brett and Hans will preview the guide, providing an overview of the guide's framework, flavored with tips, hints, and real-life applications they have collected.

Presenters: **Brett Pawlowski**, President, DeHavilland Associates  
**Hans Meeder**, President, Meeder Consulting Group  
**Marty Tobey**, Northwest Region CTE Coordinator, NCDPI

Location: Imperial D

**1:30 p.m. - 3:00 p.m. CTE Summer Conference—General Opening Session**

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President  
**June St. Clair Atkinson, Ed.D.**, State Superintendent  
**Janet Cowell**, State Treasurer  
**CTSO Officers**

Location: Guilford ABC

**3:30 p.m. - 5:00 p.m. CTE Administrative Intern Orientation (Invitation Only)**

New and aspiring CTE administrators will be introduced to the Career and Technical Education Administrative Intern Program. The Intern Program fulfills the 80-hour induction for licensure as a CTE Administrator. Participants will learn the schedule for the 2012-13 program, requirements for completion, and topics to be covered. Regional Services staff will be available to answer questions and provide technical assistance to new CTE administrators. New administrators should contact their CTE Regional Coordinator for the invitation.

Presenters: **Wendy Edney**, West Region CTE Coordinator, NCDPI  
**Ted Summey**, Central Region CTE Coordinator, NCDPI  
**Christy Harris**, Northeast Region CTE Coordinator, NCDPI  
**Marty Tobey**, Northwest Region CTE Coordinator, NCDPI  
**John Kirkman**, Southeast Region CTE Coordinator, NCDPI  
**(vacant)**, Southwest Region CTE Coordinator, NCDPI

Location: Cedar ABC

**5:00 p.m. - 8:00 p.m. Third Floor Exhibitors' Showcase and Studio Presentations**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

## CTE Administrators

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### Wednesday, July 25, 2012

#### 7:15 a.m. - 4:00 p.m. **Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

#### 7:30 p.m. - 9:30 p.m. **Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

### Thursday, July 26, 2012

#### 8:00 a.m. - 1:00 p.m. **Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

#### 8:30 a.m. - 2:00 p.m. **Regional Coordinators' Meeting**

Location: Cardinal

#### 1:30 p.m. - 3:00 p.m. **SkillsUSA Open Discussion**

T&I teachers and SkillsUSA advisors will have the opportunity to ask questions, address concerns, and seek directions for any area in SkillsUSA.

Presenter: **Peyton Holland**, NC SkillsUSA Advisor

Location: Imperial G

# Agricultural Education



|   |                   |
|---|-------------------|
| <b>Joshua Bledsoe</b> , State Agricultural Education Leader,<br>State FFA Advisor, <a href="mailto:Joshua_Bledsoe@ncsu.edu">Joshua_Bledsoe@ncsu.edu</a> | 919.515.4206      |
| <b>Jason Davis</b> , State FFA Coordinator, <a href="mailto:Jason_Davis@ncsu.edu">Jason_Davis@ncsu.edu</a>  | 919.515.4206      |
| <b>Benjie Forrest</b> , Eastern Region Agricultural Education Coordinator,<br><a href="mailto:Benjie_Forrest@ncsu.edu">Benjie_Forrest@ncsu.edu</a>      | 252.793.4428 x130 |
| <b>Horace Johnson</b> , Central Region Agricultural Education Coordinator,<br><a href="mailto:Horace_Johnson@ncsu.edu">Horace_Johnson@ncsu.edu</a>      | 910.814.6048      |
| <b>Jerry Davis</b> , Interim Western Region Agricultural Education Coordinator,<br><a href="mailto:jgdavis3@ncsu.edu">jgdavis3@ncsu.edu</a>             | 704.576.0507      |
| <b>Megan Blanke</b> , Program Assistant, <a href="mailto:mhblanke@ncsu.edu">mhblanke@ncsu.edu</a>   | 919.515.4206      |
| <b>Atkins "Trey" Michael</b> , Curriculum Specialist, <a href="mailto:Trey.Michael@dpi.nc.gov">Trey.Michael@dpi.nc.gov</a>                              | 919.807.3877      |
| <b>Carol Short</b> , Section Chief, <a href="mailto:Carol.Short@dpi.nc.gov">Carol.Short@dpi.nc.gov</a>  | 919.807.3822      |

### Monday, July 23, 2012

#### 9:00 a.m. - 8:00 p.m. **Project Management I Training (part 1 of 2) (Preregistration Required)**

This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

#### 5:30 p.m. - 8:30 p.m. **Exhibitors' Showcase & Reception**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

### Tuesday, July 24, 2012

#### 8:00 a.m. - 1:30 p.m. **Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

#### 8:00 a.m. - noon **Project Management I Training (part 2 of 2) (Preregistration Required)**

This is a continuation of part 1.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

#### 9:00 a.m. - noon **Beginning Teacher Workshop**

This session is designed to help new teachers in establishing a quality Agricultural Education program. Topics will center on the seven key components of local program success: Instruction, SAE, FFA, Marketing, Program Planning, Professional Growth, and Partnerships. Opportunities will be provided for teachers to share and discuss solutions to common challenges faced by today's teacher.

Presenters: **Haley Hampton**, Mitchell High School  
**Ashley Yopp**, Northside High School  
**Wil Baxley**, West Carteret High School

Location: Oak ABC

#### 9:00 a.m. - noon **Pesticide License Recertification Workshop**

Proper and safe use of pesticides is critical for agriculture teachers who have horticulture or agricultural production as a part of their instructional programs. This workshop is offered annually, so teachers can maintain their pesticide certifications.

Presenter: **Jerry Davis**, North Carolina State University

Location: Auditorium I

# Agricultural Education

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**Tuesday, July 24, 2012**

**1:30 p.m. - 3:00 p.m. CTE Summer Conference—General Opening Session**

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President  
**June St. Clair Atkinson, Ed.D.**, State Superintendent  
**Janet Cowell**, State Treasurer  
**CTSO Officers**

Location: Guilford ABC

**3:30 p.m. - 5:30 p.m. Agricultural Education Opening Session: Trends and Issues in Agricultural Education**

This session will include the Agricultural Education and FFA State of the State Addresses as well as a curriculum update. Additionally, participants will gain insights from Agricultural Education/FFA partners.

Presenters: **Joshua Bledsoe**, North Carolina State University  
**Jason Davis**, North Carolina State University  
**Horace Johnson**, North Carolina State University  
**Joshua Starling**, North Carolina State University

Location: Imperial EF

**5:00 p.m. - 8:00 p.m. Third Floor Exhibitors' Showcase and Studio Presentations**

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Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

**5:30 p.m. - 6:30 p.m. Retired Agriculture Teachers Reception**

Location: Memorial Student Union, NC A&T SU

**6:30 p.m. - 8:30 p.m. Agricultural Education Awards Ceremony**

All current and retired NCATA members are invited and encouraged to participate in this evening of celebration, recognition, and motivation. Outstanding agriculture teachers and Agricultural Education programs will be recognized for their accomplishments over the past year.

Presenter: **Roger Teeple**, CD Owen High School

Location: Memorial Student Union, NC A&T SU

**Wednesday, July 25, 2012**

**7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**8:00 a.m. - 9:00 a.m. Career Management Is Fun!**

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

**8:30 a.m. - 10:00 a.m. New Online Record-Keeping System for North Carolina Agricultural Education/FFA**

This session will introduce all teachers to an innovative and educational tool in agricultural education. The Agricultural Experience Tracker system allows teachers to set student accounts and track student progress. Students can track their time in areas such as class, FFA, and SAE as well as record financial entries. All information can then be exported to FFA awards. Learn how to use this tool to track your students' progress and get students involved.

Presenter: **The AET Staff**

Location: Imperial D

**10:30 a.m. - noon The Wild World of Agricultural Economics**

Agricultural educators are a vital component to the future success of agriculture and rural America. It is important in this ever-changing agricultural environment to have an understanding of the global marketplace and trends, both domestically and internationally, that will be impacting your future students as to the curriculums taught and the methods of instruction. Dr. Kohl, through his extensive travel and interaction with leading agricultural groups worldwide, will bring to this session his perspectives of the wild world of agricultural economics and how it will impact producers and lenders of the future.

Presenter: **David M. Kohl**, Professor Emeritus, Virginia Tech

Location: Imperial D

**1:30 p.m. - 3:00 p.m. National Agricultural Statistics Service Census of Agriculture**

The National Agricultural Statistics Service (NASS) has provided tools to help students and communities understand the importance and usage of the Census of Agriculture. Instructional materials, specific to grade level, have been created to educate current and potential future agricultural producers about the importance and usefulness of "timely, accurate, and useful" agricultural statistics.

Presenter: **Dee Webb**, Director, USDA National Agricultural Statistics Service North Carolina Field Office

Location: Imperial G

**1:30 p.m. - 3:00 p.m. NC Hunter Education Skills Tournament/Event**

This session will focus on providing an update to those teachers who participate in the Hunter Education Skills Event. It will also provide teachers who offer hunter education, but do not participate in the event, information on how to get started.

Presenter: **Randy Thomas**, NC Wildlife Resources Commission

Location: Imperial H



# Agricultural Education

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**Wednesday, July 25, 2012**

**1:30 p.m. - 3:00 p.m. Online Record-Keeping System Breakout Session (Repeat Session)**

This session will provide hands-on instruction in utilizing the Agricultural Experience Tracker system.

Presenter: **The AET Staff**

Location: Tanglewood

**1:30 p.m. - 3:00 p.m. Starting a Hunter Education Program in Agricultural Education**

This session will focus on the particulars of offering Hunter Education in an Agricultural Education Program. This session will provide insight on how to approach administrators, connect to course curriculum and blue prints, and become involved with the Hunter Education Skills Tournament/Event.

Presenter: **Carissa Shelton**, NC Wildlife Resources Commission

Location: Imperial A

**1:30 p.m. - 3:00 p.m. Stuck in a Teaching Rut? Shuffle it Up!**

Ever feel like you do the same old thing with your students? Using the Photosynthesis and Respiration Shuffle we will explore the basics of inquiry based instruction. While plant science may be the vehicle, the same principles can be applied to all content areas.

Presenter: **Camber Starling**, Heritage High School

Location: Imperial E

**1:30 p.m. - 3:00 p.m. Utilizing Smartphones and Tablets in Agricultural Education**

Are you wondering how to utilize technology to support classroom instruction, increase student engagement, promote personal organization, and assist with program management? You can bet there is an app for that! This workshop will overview a variety of apps available for iPads and iPhones that are appropriate for agricultural education.

Presenters: **Wendy Warner**, North Carolina State University  
**Joy Marshall**, North Carolina State University

Location: Imperial F

**3:30 p.m. - 5:30 p.m. Leadership in Agricultural Education**

Teacher leadership is critical to the future of the Agricultural Education profession. This session highlights some of the achievements of the profession and provides teachers with insight into new and emerging opportunities for involvement.

Presenters: **Gerald Barlowe**, Union High School  
**Roger Teeple**, CD Owen High School

Location: Imperial D

**5:30 p.m. - 6:30 p.m. NC Agricultural Education Program Improvement Grant Recipient Meeting**

This session will review all details of implementing the grant program. Grant materials and schedules will be shared. Time will be allocated for questions. At least one teacher from each program that received a North Carolina Agricultural Education Program Improvement Grant is required to attend.

Presenter: **Joshua Bledsoe**, North Carolina State University

Location: Imperial D

**7:30 p.m. - 9:30 p.m. Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

**Thursday, July 26, 2012**

**8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**8:30 a.m. - 10:00 a.m. National FFA Update, The Council Update and Ag Career Network for Teachers and Students**

This session will focus on the new Agriculture Career Network as well as provide an update from The National Council for Agricultural Education and the National FFA Organization.

Presenter: **Tony Small**, National FFA Organization

Location: Imperial D

**10:30 a.m. - noon Ag Ed Moodle PLC, NAAE Communities of Practice and Sharing**

Come prepared to share your resources online and learn how to utilize the Ag Ed Moodle PLC and the NAAE Communities of Practice effectively and efficiently.

Presenter: **Tony Small**, National FFA Organization

Location: Augusta B

**10:30 a.m. - noon Careers in Agriculture**

As educators it is critical to help students see the careers awaiting them post-graduation. With over 43,000 agricultural career opportunities posted across North America in 2011, AgCareers.com not only provides educators with real-time examples of the infinite career opportunities, they also have data and market research that can help you recruit and develop future agriculturist into your program. This workshop will provide you with an updated look at careers in agriculture and tools for integrating that information into your program.

Presenter: **Ashley Collins**, Education and Marketing Specialist, [www.agcareers.com](http://www.agcareers.com)

Location: Imperial H

**10:30 a.m. - noon Energizing Your Chapter Officers**

How can you empower your officers with the best training and tools available? Learn to utilize chapter retreats, camping programs, and leadership training tools to build a cohesive group to grow your chapter.

Presenter: **Jason Davis**, North Carolina State University

Location: Imperial E

**10:30 a.m. - noon Middle School Agricultural Education Programs**

This session is specifically for middle school teachers to network and share best practices. Time will also be spent reviewing the content of the two agricultural education middle school courses — Exploring Biotechnology and Exploring Agricultural Science.

Presenters: **Justin Gillespie**, North Buncombe Middle School/High School  
**Ashley Long**, Grays Creek Middle School

Location: Imperial G

# Agricultural Education

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**Thursday, July 26, 2012**

**10:30 a.m. - noon**

## **Online Record-Keeping System Breakout Session (Repeat Session)**

This session will provide hands-on instruction in utilizing the Agricultural Experience Tracker system.

Presenter: **The AET Staff**

Location: Tanglewood

**10:30 a.m. - noon**

## **Weaving Sustainable Agriculture into Agricultural Education**

From heirloom grafted tomatoes to beneficial insect buffers, there are a myriad of sustainable agricultural projects that can be seamlessly integrated into the current coursework in agricultural education. Join Liz Driscoll, 4-H Specialist in Crops, Entomology, Horticulture, and Soils at NC State with NC Cooperative Extension and Jodi Riedel, Agricultural Education Teacher at Wakefield High School for an engaging and interactive session that delves into the fundamentals of sustainable agriculture. Participants will dig in and get dirty with hands-on activities to take back to utilize in their classroom.

Presenters: **Liz Driscoll**, North Carolina State University  
**Jodi Riedel**, Wakefield High School

Location: Imperial F

**1:00 p.m. - 3:00 p.m.**

## **EC, SC, & WC Regional Updates**

All agriculture teachers in the East Central, South Central, and West Central Regions should attend this meeting to learn about various Agricultural Education/FFA issues related to the region for the upcoming year. These updates are tailored specifically to meet the needs and concerns of teachers from these specific regions.

Presenter: **Horace Johnson**, North Carolina State University

Location: Auditorium III

**1:00 p.m. - 3:00 p.m.**

## **SE & NE Regional Updates**

All agriculture teachers in the Southeast and Northeast Regions should attend this meeting to learn about various Agricultural Education/FFA issues related to the region for the upcoming year. These updates are tailored specifically to meet the needs and concerns of teachers from these specific regions.

Presenter: **Benjie Forrest**, North Carolina State University

Location: Imperial D

**1:00 p.m. - 3:00 p.m.**

## **SW, NW, & W Regional Updates**

All agriculture teachers in the Western, Southwest, and Northwest Regions should attend this meeting to learn about various Agricultural Education/FFA issues related to the region for the upcoming year. These updates are tailored specifically to meet the needs and concerns of teachers from these specific regions.

Presenter: **Jerry Davis**, North Carolina State University

Location: Auditorium II

# Business, Finance, & Information Technology Education



|  |              |
|--|--------------|
| <b>Curt Miller</b> , Consultant, <a href="mailto:Curt.Miller@dpi.nc.gov">Curt.Miller@dpi.nc.gov</a>                        | 919.807.4014 |
| <b>Deborah Seehorn</b> , Consultant, <a href="mailto:Deborah.Seehorn@dpi.nc.gov">Deborah.Seehorn@dpi.nc.gov</a>            | 919.807.3871 |
| <b>Linda Lay</b> , Consultant, <a href="mailto:Linda.Lay@dpi.nc.gov">Linda.Lay@dpi.nc.gov</a>                              | 919.807.3883 |
| <b>Mary Jane Thomas</b> , FBLA State Advisor, <a href="mailto:Maryjane.Thomas@dpi.nc.gov">Maryjane.Thomas@dpi.nc.gov</a>   | 919.807.3873 |
| <b>Atkins "Trey" Michael</b> , Curriculum Specialist, <a href="mailto:Trey.Michael@dpi.nc.gov">Trey.Michael@dpi.nc.gov</a> | 919.807.3877 |
| <b>(vacant)</b> , Program Assistant  | 919.807.3897 |
| <b>Carol Short</b> , Section Chief, <a href="mailto:Carol.Short@dpi.nc.gov">Carol.Short@dpi.nc.gov</a>                     | 919.807.3822 |

## Business, Finance, and Information Technology Education

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### Sunday, July 22, 2012

#### 8:00 a.m. - 5:00 p.m. AP Accounting Pilot Training (part 1 of 3) (Preregistration Required)

Dr. Dan Deines, Kansas State University, and the AICPA have created a college-level accounting course for high school students. The course is being piloted to obtain data to present to the AP College Board. This training is for teachers who wish to teach the AP Accounting Pilot Bridge course (college level accounting) in their school. Fee includes training materials, a \$160 textbook, lunch, and breaks. You must register for this session through the conference registration site. Participants must bring a financial calculator (HP10BII-preferred).

Presenters: **Dr. Dan Deines, CPA**, Kansas State University  
**Sean Crevier**, Vernon Hills High School, IL  
**Joe Navickas**, Deerfield High School, IL

Sponsor: AICPA, NCACPA

Location: Tanglewood

#### 3:00 p.m. - 6:00 p.m. 40 Hour Induction Program: Module IV—For all CTE Program Areas (Preregistration Required)

New teachers will complete Unit D: Professional Linkages in the Learning Community from NCDPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

#### 6:00 p.m. - 7:00 p.m. 40 Hour Induction Program: Module IV—Business, Finance, and Information Technology Education, and Marketing and Entrepreneurship Education (Preregistration Required)

Indicator 7.04 Understand the importance of active involvement in professional organizations. Representatives from the BFIT and MEE program area professional organizations will provide important information to the 40 hour induction attendees.

Location: Cedar ABC

### Monday, July 23, 2012

#### 8:00 a.m. - 5:00 p.m. AP Accounting Pilot Training (part 2 of 3) (Preregistration Required)

A continuation from part 1.

Location: Tanglewood

#### 8:00 a.m. - 5:00 p.m. Game Programming with XNA Game Studio (Preregistration Required)

Microsoft XNA Game Studio and C# provide the basis for an exciting high school game development/computer science course (Computer Programming II). The tools and curriculum will enable students to create games, simulations, and applications for the PC, Xbox 360, and Windows Phone that expand their skills in complex logic, object oriented programming, advanced algorithms, and data structures. With code access to the Xbox 360 gamepad and Windows Phone, students can learn how to control and display their programs using real input and output devices. Participants will receive instructions for downloading the software prior to the session. Fee includes lunch and breaks. You must register for this session through the conference registration site.

Presenter: **Pat Yongpradit**, Springbrook High School, Silver Spring, MD

Location: Colony A

## Business, Finance, and Information Technology Education

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**Monday, July 23, 2012**

**8:00 a.m. - 5:00 p.m. Honors Course Portfolio Development (Preregistration Required)**

The Honors Course Policy requires teachers interested in offering honors CTE courses to develop and submit for approval to local administrators a portfolio of curriculum materials for each honors course. This portfolio is called the Honors Teaching Preparation Portfolio. The purpose of this workshop is to provide participants with the requirements and procedures for preparing the Honors Teaching Preparation Portfolio for any BFIT and MEE Honors class. Join in the networking and get ready for teaching an honors course in the fall. Register through the summer conference registration system for this preconference opportunity.

Presenter: **Helen Maness**, North Moore High School  
**Amy Singletary**, North Henderson High School

Location: Joseph's Private Dining

**8:00 a.m. - 5:00 p.m. MS Visual Basic 2010 Programming (Preregistration Required)**

Visual Basic 2010 is the programming language that will be taught in the revised Computer Programming I course. This workshop provides hands-on training for Computer Programming I teachers. Fee includes lunch and breaks. You must register for this session through the conference registration site.

Presenter: **Justin Crompton**, Academy at High Point

Location: Colony B

**8:30 a.m. - 2:45 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (continued) (Preregistration Required)**

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

**9:00 a.m. - 8:00 p.m. Project Management I Training (part 1 of 2) (Preregistration Required)**

This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.

Presenters: **Megan R. Bell**, MPM, PMP, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

**3:00 p.m. - 5:00 p.m. NC FBLA Board Meeting**

All NC FBLA state officers, NC FBLA regional board members, BFIT state staff, and other NC FBLA board members will attend this meeting of the NC FBLA Board of Directors.

Presenter: **Mary Jane Thomas**, NC FBLA State Advisor

Location: Edinburgh

**5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

## Business, Finance, and Information Technology Education

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**Tuesday, July 24, 2012**

**8:00 a.m. - 3:00 p.m. AP Accounting Pilot Training (part 3 of 3) (Preregistration Required)**

A continuation from part 2.

Location: Tanglewood

**8:00 a.m. - 1:30 p.m. Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

**8:00 a.m. - noon MS C# 2010 Programming (Preregistration Required)**

C# 2010 is the programming language that will be taught in the revised Computer Programming II course. This workshop provides hands-on training for Computer Programming II teachers. Fee includes breaks. You must register for this session through the conference registration site.

Presenter: **Leslie Keller**, Apex High School

Location: Colony A

**8:00 a.m. - 10:00 a.m. MSITA Getting Started (Repeat Session) (Preregistration Required)**

Microsoft technicians will be offering two getting started sessions for teachers starting to teach MSITA courses in the fall. Sessions will include hands-on experiences with getting started in the e-learning environment. This is not a refresher course for current teachers. Refresher courses will be offered during summer conference for current teachers. You must register for this session through the conference registration site.

Presenters: **Lisa Speltz**, Microsoft Learning  
**James "Ricky" Hardy**, Leesville Road High School  
**Matthew Lambert**, Stanly County Schools

Location: Ben L. Smith High School

**8:00 a.m. - noon Project Management I Training (part 2 of 2) (Preregistration Required)**

This is a continuation of part 1.

Presenters: **Megan R. Bell**, MPM, PMP, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

**8:00 a.m. - noon Starting with a Standard and Taking Away a Lesson: BMA & BFP (Preregistration Required)**

Perplexed about how to prepare to teach the MBA Research Business Management and Business Financial Planning courses? Attend this workshop to network with colleagues teaching the same course and leave with prepared lessons to use in your classroom this fall. You must register for this session through the conference registration site.

Presenter: **Teia Robinson**, Leesville Road High School

Location: Turnberry

**8:30 a.m. - 11:30 a.m. NC FBLA Regional Advisor and Board Member Training**

This is a training session for NC FBLA board members, regional advisors, and regional vice-presidents.

Presenters: **Mary Jane Thomas**, NC FBLA State Advisor  
**Robin Isaacs**, NC FBLA Board Member

Location: Birch

## Business, Finance, and Information Technology Education

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**Tuesday, July 24, 2012**

- 10:00 a.m. - noon MSITA Getting Started (Repeat Session) (Preregistration Required)**  
Microsoft technicians will be offering two getting started sessions for teachers starting to teach MSITA courses in the fall. Sessions will include hands-on experiences with getting started in the e-learning environment. This is not a refresher course for current teachers. Refresher courses will be offered during summer conference for current teachers. You must register for this session through the conference registration site.  
Presenters: **Lisa Speltz**, Microsoft Learning  
**James “Ricky” Hardy**, Leesville Road High School  
**Matthew Lambert**, Stanly County Schools  
Location: Ben L. Smith High School
- 1:30 p.m. - 3:00 p.m. CTE Summer Conference—General Opening Session**  
Come help kick off a great conference at the General Opening Session.  
NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.  
We then present the CTSO officers and the NCACTE awards.  
Presenters: **Bill Ellis**, NCACTE President  
**June St. Clair Atkinson, Ed.D.**, State Superintendent  
**Janet Cowell**, State Treasurer  
**CTSO Officers**  
Location: Guilford ABC
- 3:30 p.m. - 5:30 p.m. BFIT Opening General Session**  
Join your middle school and high school Business, Finance, and Information Technology Education colleagues as we kick off the BFIT Summer Conference 2012! Be there as we recall our purposes as BFIT educators and refocus our future to embrace the changes to the workforce, the economy, and society as a whole. Celebrate with us the success stories of BFIT teachers who have earned special recognition. Hear updates from state staff on the NEW Essential Standards that will take effect in fall 2012. Reflect about ways to keep your BFIT program up to date and responsive to the needs of students, business and industry, and society.  
Presenters: **Linda Lay**, BFIT Consultant, NCDPI  
**Curt C. Miller**, BFIT Consultant, NCDPI  
**Deborah Seehorn**, BFIT Consultant, NCDPI  
Location: Guilford B
- 5:00 p.m. - 8:00 p.m. Third Floor Exhibitors’ Showcase and Studio Presentations**  
This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.  
Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.  
Sponsor: NCACTE  
Location: Third floor lobby
- 5:30 p.m. - 6:30 p.m. NCACTE-BE Division Meeting**  
All NCACTE-BE Division members and potential members are invited to attend. The North Carolina Association for Career And Technical Education proudly represents CTE teachers throughout the state of North Carolina. NCACTE and ACTE are THE leading advocates for CTE educators. If you are a BFIT teacher, please plan to attend this meeting. If you are interested in serving on a committee for the NCACTE-BE Division, please contact Pam Orbison at orbisonp@bellsouth.net or visit the NCACTE-BE Division table during the conference. We look forward to seeing you, and have a great conference.  
Presenter: **Pamela Orbison**, NCACTE-BE Division President  
Location: Auditorium I



## Business, Finance, and Information Technology Education

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### Tuesday, July 24, 2012

#### 6:30 p.m. - 9:00 p.m. **NCBEA Annual Meeting and Dinner (Preregistration Required)**

Join NCBEA and NCACTE Business Education Division members and guests in Leading the Way in developing 21st century skills. NCBEA will recognize outstanding BFIT educators and recognize our scholarship winner. We have a wonderful guest speaker and great door prizes. All Business, Finance, and Information Technology Education conference attendees are encouraged to join our professional organization. Visit our website at <http://ncbea.org> for information on how to become more involved in NCBEA and register for the 2012 NCBEA Annual Meeting. Dinner is included with paid registration fee.

Presenter: **Elizabeth Hodge**, NCBEA President

Location: Cedar ABC

### Wednesday, July 25, 2012

#### 7:15 a.m. - 4:00 p.m. **Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

#### 8:00 a.m. - 9:00 a.m. **BFIT: Cutting to the Core**

Come to this session and learn how to identify specifically how the courses you teach support Common Core standards. Additionally, learn simple strategies you can implement to further support Common Core initiatives.

Presenters: **Wendy Edney**, West Region CTE Coordinator, NCDPI  
**Lynn Price**, Henderson County Schools

Location: Guilford D

#### 8:00 a.m. - 9:00 a.m. **Career Management Is Fun!**

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

#### 8:00 a.m. - 9:00 a.m. **e-Commerce I Coming of Age in 2012**

Attend this update session to see the changes made to the e-Commerce I curriculum to bring it up to date in 2012. Content changes include HTML 5.0, more CSS, mobile and social networking considerations, and more (and no frames!). Course enhancements include Web 2.0 tools such as wikis and blogs, as well as video tutorials. If you teach e-Commerce I, don't miss this session!

Presenter: **John Thompson**, West Stanly High School

Location: Guilford G

#### 8:00 a.m. - 9:00 a.m. **Hop on the BUS! to Entrepreneurship: The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

# Business, Finance, and Information Technology Education

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Wednesday, July 25, 2012

**8:00 a.m. - 9:00 a.m. MBA Curriculum for Business and Finance Teachers**

Learn the ins and outs of MBA Research course guides—how the curriculum guides are created, how they are organized, and how to use them for successful classroom instruction.

Presenter: **April J. Miller**, MBA Research and Curriculum Center

Location: Auditorium II

**8:00 a.m. - 9:00 a.m. Tech SmackDown**

Trying to learn the best Internet resources for your classroom? Love a fast moving session? Enjoy interacting with others? Know of a great gadget or program to share? Then these sessions are for you! Come and grab your two minutes of fame in a fast-moving “SmackDown” session. Participants will have about two minutes of floor time to share something “techie” that they find valuable in this exciting and ever-changing world of educational technology.

Presenter: **John Moody**, Asheville Middle School

Location: Guilford A

**8:00 a.m. - 9:00 a.m. The Basics: MSITA Components for a Beginning Teacher**

Learn where to locate and how to use all of the needed resources for your first day and first semester teaching MSITA. The session will cover the steps for getting started and strategies for certification testing. We will demonstrate how to log into the Members site, E-Learning sites, and how to provide access to your students for E-Learning Modules. We will also demonstrate how to access Microsoft Lesson Plans and discuss best practices for using MSITA materials.

Teachers will leave this session with an understanding of how to navigate the Microsoft IT Academy Members site, how to pace learning in the classroom, and how to find the right balance of resources to achieve optimal student performance.

Presenters: **Lisa Speltz**, Microsoft Learning

**James “Ricky” Hardy**, Leesville Road High School

Location: Guilford E

**8:00 a.m. - 9:00 a.m. Using the NEFE High School Financial Planning Program**

Teachers will learn about the National Endowment for Financial Education High School Planning Program curriculum and materials available for teachers and students, how to request HSFPP materials for classroom instruction, review information available on their website—[hsfpp.nefe.org](http://hsfpp.nefe.org), and more.

Presenter: **Kelli Cheatham**, State Employees’ Credit Union

Location: Guilford F

**8:00 a.m. - 10:00 a.m. Web 2.0 Resources for Middle School Teachers (Preregistration Required)**

Middle School Teachers Session:

Looking for ways to get your middle school students motivated? Looking for interactive tools to excite your students? Looking for ways to have your students collaborate on projects?

Presenter: **Matthew Lambert**, Stanly County Schools

Location: Colony A

**9:15 a.m. - 10:15 a.m. Bump up Your Business RBTs in MaWD**

Transition from “Understand and Apply” classroom software objectives to “Synthesize and Create” with business capstone projects - Incorporate real life applications to demonstrate the way multiple programs and objectives work together to produce one major business project for your students! Creative capstone projects combine elements of all 4 curriculum units into a business promotional plan where MaWD students have the freedom to imagine and create their own designs and ideas. Students present their overall design plan for desktop publishing products, graphic and multimedia components, and websites to their classmates for evaluation and discussion. This capstone project uses Adobe Creative Suite, Google SketchUp, and Microsoft PowerPoint. A variety of project ideas and student examples will be available to help spark the flow of creativity.

Presenter: **Timberley Adams**, Watauga High School

Location: Guilford A

**Wednesday, July 25, 2012**

**9:15 a.m. - 10:15 a.m. EntreDot and the Franklinton High School Entrepreneurial Club**

Learn about a new approach to introducing entrepreneurial thinking in the educational process utilizing community business leaders.

Presenters: **William (Bill) Sarine**, Director of Eastern Operations, EntreDot.org  
**Dottie Averett**, Teacher, Franklin County School System

Location: Turnberry

**9:15 a.m. - 10:15 a.m. Giving High School Students the Power to Know: SAS Programming and 21st Century Skills**

This session will introduce participants to the SAS Programming for High School curriculum and will include both educator and student experiences. SAS software, sample code, and project outcomes will be presented. Participants will benefit from the presentation by gaining an understanding of the SAS Programming for High School curriculum and how to implement and apply it in the classroom.

Presenters: **Sharon Jones, Ed.D.**, Phillip O. Berry Academy of Technology  
**Julie Petlick, Ph.D.**, SAS

Location: Guilford G

**9:15 a.m. - 10:15 a.m. Hop on the BUS! to Entrepreneurship—The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

**9:15 a.m. - 10:15 a.m. MSITA Important Updates**

There are many updates and improvements coming for Fall 2012! Learn about the changes taking place to the IT Academy E-Learning sites. View a demonstration of the new instructor and student sites, take a tour of the updated ITA Member Site and hear about the improvements to lesson plans, projects and other MSITA benefits.

Presenters: **Lisa Speltz**, Microsoft Learning  
**James “Ricky” Hardy**, Leesville Road High School

Location: Guilford E

**9:15 a.m. - 10:15 a.m. PSAs in the Classroom!**

The Federal Reserve Bank’s “Presenting Student Accountability” in the classroom introduces educators to the winners of our Share the Wealth financial education contest. These less than two-minute video clips, created by college students for high school students, address accountability and responsibility in decision making. These peer-to-peer learning videos and accompanying lesson plans will be demonstrated, and attendees will receive a DVD or access to the winning videos.

Presenter: **Yolanda Ferguson**, Federal Reserve Bank of Richmond, Charlotte Branch

Location: Auditorium II

# Business, Finance, and Information Technology Education

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Wednesday, July 25, 2012

## 9:15 a.m. - 10:15 a.m. Revolutionizing Education—Investing in Generation Z

The one and a half million members of Generation Z in North Carolina know only a world in which technology, social, and cultural shifts happen in months rather than decades. This highly diverse environment will make the grade schools of the next generation the most diverse ever. Higher levels of technology will make significant inroads in academics allowing for customized instruction and accelerated achievement opportunities.

Gen Z students communicate differently, are motivated differently, and learn differently. How do we innovate and make our work more applicable and meaningful to today's students as they grow into tomorrow's workforce?

Presenter: **Kendall E. Hageman**, Institute for Emerging Issues, North Carolina State University

Location: Guilford D

## 9:15 a.m. - 10:15 a.m. What is Biz Kid\$? (Middle School Session)

Discover how the Biz Kid\$ Program can teach middle school students about money and business through a fun, fast-paced TV series. Classroom resources include engaging activities, discussion questions, an informative website, and more. The Biz Kid\$ episodes focus on financial concepts of saving, budgeting, investing, using credit wisely, donating, and how to run a business.

Presenter: **Kelli Cheatham**, State Employees' Credit Union

Location: Guilford F

## 10:30 a.m. - 11:30 a.m. "But Wait!...There's More!!" Personal Finance Obj. 7.04: Exemplify persuasive methods used in advertising

Please join Rosman High School Teacher, Kathy Carr, as she presents teaching strategies that focus on Personal Finance Objective 7.04: Exemplify persuasive methods used in advertising and sales. Using personally created materials and the OPTIC literacy strategy, Mrs. Carr will share with you how she helps her students learn to become critical thinkers that can discern between truth and hype in advertising. If time allows, Kathy will also share some project ideas and tips for Objective 3.01: Classify strategies for making personal, education, and job/career choices to achieve lifestyle goals.

Presenter: **Kathy Carr**, Rosman High School

Location: Guilford F

## 10:30 a.m. - 11:30 a.m. Are you taking advantage of all the MSITA benefits?

As an educator there are many valuable benefits available to you through the IT Academy program. Take an in-depth look at the ITA benefits and learn how to take advantage of all the resources available to you. Topics will include E-Reference Library, new professional development courses, Dreamspark, and other valuable education tools from Microsoft.

During this session we will demonstrate how to use the E-Reference Library—a premier virtual library with over 500 Microsoft Press books on Microsoft Office and other product technologies. See how to activate your MCT membership, learn about the benefits and how to use them. We will also discuss professional development opportunities available to you now.

Presenters: **Lisa Speltz**, Microsoft Learning  
**James "Ricky" Hardy**, Leesville Road High School

Location: Guilford E

## 10:30 a.m. - 11:30 a.m. Best Practices: 6207 Computer Skills and Applications (Middle School Session)

Middle School teachers, come get updates on Computer Skills and Applications-6207. You will learn "Best Practices" to use in your classroom.

Presenters: **Leslie Farris**, Granite Falls Middle School  
**Dawn Smith**, Granite Falls Middle School

Location: Guilford A

## Business, Finance, and Information Technology Education

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**Wednesday, July 25, 2012**

### **10:30 a.m. - 11:30 a.m. FIT for Business: An Update on Foundations of IT**

This session provides teachers with an understanding of Foundations of IT (FIT). FIT provides students with a basic understanding of Information Technology and the four pathways within the Career Cluster. Students should emerge with: (1) enough knowledge about each pathway to make informed decisions about what they'd like to study more, (2) a comprehensive IT vocabulary that will serve them well regardless of their career goals, (3) a basic understanding of all areas of IT that will serve as a foundation for success in any career, and (4) general IT knowledge that will benefit them regardless of whether they pursue an IT career. Join our FIT curriculum team to learn more about this exciting new course offering!

Presenters: **Geof Duncan**, ExplorNet/Centers for Quality Teaching and Learning/Knightdale High School  
**Karen Gregory**, ExplorNet/Centers for Quality Teaching and Learning/Ronald Reagan High School  
**Bryan Morrissey**, ExplorNet/Centers for Quality Teaching and Learning/Asheville High School  
**Janice Johnson**, ExplorNet/Centers for Quality Teaching and Learning

Location: Guilford G

### **10:30 a.m. - 11:30 a.m. Happily Never After...Helping Students Understand Business Law, Marriage, and Insurance**

The purpose of this workshop is to demonstrate an interactive class activity that increases students understanding of health insurance. The activity was conducted in Business Law; however, it would be easily replicated in any class that focuses on financial literacy, money management, or insurance. Students are taken through 10 years of married or single life in one to three class periods. This activity truly helps students to understand worker's compensation; insurance deductibles, co-pays, and exclusions; and various types of health insurance plans.

Presenter: **Dr. Patricia Hilliard**, Panther Creek High School

Location: Auditorium II

### **10:30 a.m. - noon Navigation of MBA Curriculum and Resources by MBA Research with Marketing and Entrepreneurship Teachers**

Come learn or better understand how to navigate the MBA curriculum guides cover-to-cover. Participants will better understand how to use the standards, indicators, objectives, activities, projects, and on-line resources for daily instructions.

Presenter: **April J. Miller**, Vice President of Instructional Design, MBA Research and Curriculum Center

Location: Victoria A

### **10:30 a.m. - 11:30 a.m. Stepping Towards Tomorrow with NC FBLA!**

Bring your laptop as we explore valuable information at [www.ncfbla.org](http://www.ncfbla.org). You will receive competitive event updates from national FBLA. Conference updates (NFLC in Charlotte in November and SLC in Greensboro in 2013) will be shared. Learn how to assist NC FBLA in securing financial business sponsors for our NC FBLA Competitive Events. Be on top of all the latest NC FBLA information for a successful and exciting year for you and your FBLA students!

Presenter: **Mary Jane Thomas**, NC FBLA State Advisor

Location: Guilford D

### **10:30 a.m. - 12:30 p.m. Teaching Accounting Online (Preregistration Required)**

Moving toward 21st Century teaching and learning requires instant access to course resources for students and teachers regardless of location. Teaching online or in a blended environment using a Moodle Course allows you to do that. Find out what it takes to gain access to this valuable tool through LearnNC and take your Accounting classroom to new heights!

Presenters: **Deborah Burns**, West Johnston High School  
**Katrina Williams**, Hertford County High School

Location: Colony B

## Business, Finance, and Information Technology Education

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Wednesday, July 25, 2012

### 10:30 a.m. - 12:30 p.m. Teaching MaWD Online (Preregistration Required)

Moving toward 21st Century teaching and learning requires instant access to course resources for students and teachers regardless of location. Teaching online or in a blended environment using a Moodle course allows you to do that. Find out what it takes to gain access to this valuable tool through LearnNC and take your MaWD classroom to new heights!

Presenter: **Stacy Sams**, Ashbrook High School

Location: Colony A

### 12:45 p.m. - 1:45 p.m. CS Principles: The Beauty and Joy of Computing

Interested in building the next generation of Computing Professionals? This new course, Computer Science Principles, is a pilot for a potential new advanced placement course to be offered for high schoolers. It's meant as an introduction to computing, and to interest all students, not just the usual suspects, with topics from games to Twitter to Facebook to phone apps. This session will provide information and resources that are available to expose students and staff to the world of Computer Science. You will learn about the AP Computer Science Principles course being developed for high school students, Scratch, AppInventor, GameMaker, and other free tools to make your classes more engaging.

Presenter: **Dr. Tiffany Barnes**, UNC Charlotte

Location: Auditorium II

### 12:45 p.m. - 1:45 p.m. Ignition™ —Digital Literacy & Responsibility Online Program (Middle School Session)

Ignition™ —Digital Literacy & Responsibility is a 4-hour online program developed by EverFi covering topics like cyberbullying, digital addiction, and texting while driving designed to help students understand how they can leverage technology in a safe and effective fashion. As always, EverFi partners with committed organizations and businesses to bring Ignition to schools at no cost.

Presenter: **Evan Willingham**, EverFi, Inc.

Location: Guilford A

### 12:45 p.m. - 1:45 p.m. Take the Academy on a Trip: Incorporating Global Awareness in the MSITA Word, Publisher and PowerPoint class

Take your MSITA students on a trip around the world and never leave the classroom! This workshop will explore various projects that effectively utilize Microsoft Word, Publisher, and PowerPoint to promote global awareness. These projects allow students to "travel" around the world and document their experiences by developing travel itinerary tables, translating their trip summaries into different languages, creating tear-off advertisements, generating persuasive PowerPoint presentations, and much more.

Presenter: **Dr. Patricia Hilliard**, Panther Creek High School

Location: Guilford E

### 12:45 p.m. - 1:45 p.m. Teaching to Win

Join me for a Personal Finance workshop and learn how to engage and motivate students to win virtual stock market team competitions. You will be introduced to a virtual stock market game and online financial educators' tools. Using rigorous and relevant content, your students will be prepared to tackle the National Financial Challenge Exam and to shoot for a score in the top 10-20% of the 80,000 students who complete the exam nationwide. Instructional planning aligns with the Department of the Treasury's core financial competencies—Borrowing, Earnings, Savings, Spending, and Protection.

Presenter: **Holly Laird**, Leesville Road High School

Location: Guilford F

## Business, Finance, and Information Technology Education

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**Wednesday, July 25, 2012**

**12:45 p.m. - 1:45 p.m. The FBLA Deadline is WHEN????**

Have you ever missed an FBLA deadline? Are you confused about what is due when? If so, this is the workshop for you. We will navigate through the FBLA website to help you find information and prepare for deadlines. Bring your 2012-2013 calendar and your laptop, and we will walk through the year to help you prepare for FBLA deadlines.

Presenter: **Kelly Helner**, Orange High School

Location: Guilford D

**12:45 p.m. - 3:00 p.m. TypoKerniDesklishing (MaWD)**

Do you Serif, Monospace, Dingbat? Are you confused about Kerning? Do you flinch at Flyers? The answer to your questions are in this session, TypoKerniDesklishing. TypoKerniDesklishing focuses on those areas of the Multimedia and Web Design curriculum that are most troublesome for you and your students: Typefaces, Fonts, Spacing, Color Theory, and Design Principles. With TypoKerniDesklishing, you can work your way to greater success teaching Desktop Publishing in your Multimedia and Webpage Design course. Join us for tips and strategies on how to make this class interesting and fun. Remember, that's Typo-Kerni-Desklishing!

Presenter: **Daniel Smith**, ExplorNet/Centers for Quality Teaching and Learning/McDowell High School

Location: Guilford G

**1:00 p.m. - 3:00 p.m. Teaching e-Commerce I Online (Preregistration Required)**

Moving toward 21st Century teaching and learning requires instant access to course resources for students and teachers regardless of location. The e-Commerce I curriculum is available only as an online course through LEARN NC. Find out what it takes to gain access to this valuable tool through LearnNC and take your e-Commerce I classroom to new heights!

Presenter: **John Thompson**, West Stanly High School

Location: Colony A

**1:00 p.m. - 3:00 p.m. Web 2.0 Resources to Use with Students! (Preregistration Required)**

Looking for ways to get your high school students motivated? Looking for interactive tools to excite your students? Looking for ways to have your students collaborate on projects?

Presenter: **Eric Broer**, NC Teach: NC State College of Education

Location: Colony B

**2:00 p.m. - 3:00 p.m. Digital Storytelling**

Learn how to incorporate storytelling tools into your classroom. Educators will be presented a myriad of Web 2.0 services that encourage students to tell their story through comic strips. Bring your laptop so we can visit these websites together and learn.

Presenter: **John Moody**, Asheville Middle School

Location: Guilford F

**2:00 p.m. - 3:00 p.m. Easy Ways to Teach the MBA Curriculum in Business Management or any Other Course!**

MBA Research curriculum can be confusing. Not sure where to start? This session will help you navigate the MBA Research curriculum, give you ideas on how to structure the class, how to use all those on-line resources provided by MBA, and how to focus your class around project based learning.

Presenters: **Teia Robinson**, Leesville Road High School  
**Sonya Meeks**, Knightdale High School  
**Michelle Bardsley**, Grimsley High School

Location: Auditorium II

## Business, Finance, and Information Technology Education

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Wednesday, July 25, 2012

### 2:00 p.m. - 3:00 p.m. EverFi Online Personal Financial Literacy Program

EverFi's online financial literacy program is a 6 hour, web-based program that uses the latest technology to help North Carolina teachers teach, assess, and certify students in more than 600 topics in personal finance. The program is available at no cost to public high schools in North Carolina thanks to EverFi's public-private partnerships with organizations including BB&T, Genworth Financial, and American National Bank & Trust.

Presenter: **Evan Willingham**, EverFi, Inc.

Location: Guilford A

### 2:00 p.m. - 3:00 p.m. Taking MSITA to the Next Level: Piecing the Puzzle Together!

The IT Academy includes various curriculum options to train students on all Microsoft technologies. This session will give you a detailed view of all curriculum resources available and will offer ideas on how and when to utilize each in the classroom to meet your students' needs.

Hear from experienced MSITA teacher, Ricky Hardy on best practices for putting the pieces together. Learn how and when to incorporate the many IT Academy resources to differentiate instruction for your students. Learn how to pace your class and how to approach instructing students at all levels.

Presenters: **Lisa Speltz**, Microsoft Learning  
**James "Ricky" Hardy**, Leesville Road High School

Location: Guilford E

### 2:00 p.m. - 3:00 p.m. What's Better Than Free? The Sequel

Didn't get enough free resources last summer? Then this is your workshop! We've added more free resources and aligned them with more BFIT courses.

Presenters: **Julie Pennington**, Leesville Road High School  
**Kelly Caudill**, Leesville Road High School

Location: Guilford D

### 3:15 p.m. - 4:15 p.m. Apple—Not Just a Fruit... It's a Tool to Use in the Classroom

As we enter into the 21st century, technology skills are mandatory for all global learners. To ensure proper integration of technology into our courses, we have begun utilizing iPads to address all learning styles, which benefits each student. Placing technology into the hands of 21st century learners promotes 21st century literacy skills while simultaneously engaging every learner in all assigned tasks. This presentation will help you learn how to use an iPad and the great applications offered to you as you create your own 21st century learners. Participants are encouraged to bring their own iPads.

Presenters: **Shelley Daughtry**, Midway High School  
**Randi Kaye McMillan**, Union High School

Location: Guilford A

### 3:15 p.m. - 4:15 p.m. Business Financial Planning: Roll Out

All teachers interested in the PILOT for BFIT in Business Financial Planning or teaching this course next year need to attend this important session. MBAResearch curriculum can be confusing. This session will help you navigate the Business Financial Planning curriculum, give you ideas on how to structure the class, how to use all those on-line resources provided by MBA, and how to focus your class around project based learning.

Presenters: **Teia Robinson**, Leesville Road High School  
**Linda Lay**, BFIT Consultant, NCDPI  
**Curt C. Miller**, BFIT Consultant, NCDPI

Location: Auditorium II



**Wednesday, July 25, 2012**

**3:15 p.m. - 4:15 p.m. Computer Programming Revealed**

North Carolina is moving to the cutting edge of programming. This session will introduce the new Computer Programming I & Computer Programming II courses. Learn about the new courses and how they can benefit your students.

Presenters: **Justin Crompton**, Academy at Central  
**Leslie Keller**, Apex High School  
**Deborah Seehorn**, BFIT Consultant, NCDPI

Location: Guilford G

**3:15 p.m. - 4:15 p.m. MOS Testing Success**

Maximize certification success rates. Detailed strategies on how to prepare your students throughout the year for certification testing. What to do if your students do not pass on the first try and how to help them pass on their next attempt.

Presenters: **Lisa Speltz**, Microsoft Learning  
**James "Ricky" Hardy**, Leesville Road High School  
**Beth Parham**, Bunker Hill High School

Location: Guilford E

**3:15 p.m. - 4:15 p.m. Ready, Set, Compete! All about Middle Level FBLA Competitive Events (Middle School Session)**

Can middle school students participate in competitive events at both regional and state level? The answer is YES. Need help understanding the process to compete at both of these conferences? If the answer is YES, check out this workshop to learn more!

Presenter: **Sarah E Doepner**, East Cary YR Middle School

Location: Guilford D

**3:15 p.m. - 4:15 p.m. The EASY Way to Teach the Basics of Saving & Investing**

Free and Ready-to-Go curriculum from the NC Secretary of State's Securities Division: The Basics of Saving and Investing. Units include: Getting Started, Introduction to Financial Markets, Making a Financial/Investment Plan, and Investment Fraud. Each unit contains learning objectives, suggested activities, overheads, handouts, and worksheets, plus tests covering each unit. Just open the wrapper on this comprehensive, FREE tool for great personal financial literacy! Free appendix included!

Presenter: **Barbara Bennett**, NC Secretary of State, Securities Division

Location: Guilford F

**3:30 p.m. - 5:30 p.m. Return of the Gimp Jedi Master (MaWD, e-Commerce) (Preregistration Required)**

Once again the Gimp Jedi Masters are gathering in the Halls of the Jedi Justice to master new Jedi Tactics and reenergize their new Jedi Light Sabers. At this gathering of Gimp Jedi Masters, the newest Gimp Jedi Master tactics will be taught and mastered using the newest Gimp Jedi Light sabers. With the newest Jedi tactics mastered and their Gimp Light Saber fully recharged, these Gimp Jedi Masters will be able to mentor their younger Jedi Warriors on how to defeat the dark evil invaders from the Dark Graphic Empire that have invaded their universe.

The Gimp Jedi Masters will be mentored on the basics of the latest version of the Gimp Software (Download GIMP 2.8.0 - Installer for Windows XP SP3 or later), and how to animate graphics to be used in Web Page Design and PowerPoint Presentations. You will need to bring a flash drive that supports USB-1 or 2.

Presenter: **George E. Brooks**, South View High School

Location: Colony A

## Business, Finance, and Information Technology Education

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### Wednesday, July 25, 2012

#### 3:30 p.m. - 5:30 p.m. **Web 2.0 Resources to Use with High School Teachers! (Preregistration Required)**

Looking for ways to collaborate with other teachers? Looking for new sites to help with lessons and activities?

Presenter: **Eric Broer**, NC Teach: NC State College of Education

Location: Colony B

#### 4:30 p.m. - 6:00 p.m. **BFIT/MEE Teacher Educator Information Session**

Do you need coursework to obtain your Business, Finance, and IT Education or Marketing and Entrepreneurship Education teaching certification? Are you interested in pursuing an advanced degree in Business or Marketing Education? Attend this information session to meet with representatives from the four North Carolina BFIT and MEE teacher education institutions.

Presenters: **Herbert F. Brown III, Ph.D.**, Appalachian State University  
**Dr. Ivan Wallace**, Professor and Chairperson, East Carolina University  
**Lisa Gueldenzoph Snyder, Ph.D.**, Professor, NC A&T University  
**Cheryl Caddell and Dr. Jimmy Smith**, NC State University

Location: Guilford B

#### 7:00 p.m. - 9:00 p.m. **ECU/NCBEA Networking Opportunity**

East Carolina University, in association with NCBEA, will host a networking event for all registered Business, Finance, and Information Technology Education and Marketing and Entrepreneurship Education conference attendees. ECU alumni, potential ECU students, and NCBEA members are especially encouraged to attend.

Presenters: **Ivan Wallace**, East Carolina University  
**Elizabeth Hodge**, NCBEA President

Sponsor: East Carolina University and NC Business Education Association

Location: TBA

#### 7:30 p.m. - 9:30 p.m. **Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

### Thursday, July 26, 2012

#### 8:00 a.m. - 9:00 a.m. **Adobe Dreamweaver**

Adobe® Dreamweaver® CS6 web design software provides an intuitive visual interface for making and editing HTML websites and mobile apps. Use Fluid Grid Layout designed for cross-platform compatibility to create adaptive layouts and review designs with Multiscreen Preview before publishing.

Presenter: **Steve Adler**, Adobe Education Solutions Consultant

Location: Guilford A

Thursday, July 26, 2012

**8:00 a.m. - 9:00 a.m. FEFE: An Instructional Blueprint for Personal Finance— Why Reinvent the Wheel? (Preregistration Required)**

Don't waste your valuable planning time creating lesson plans for teaching Personal Finance—FEFE lessons have been adapted for each unit of the Personal Finance 8726 course. Educators teaching this course may download the lesson plans from the FEFE website at no cost. The course blueprint and flow of instruction may be found in the PF 8726 Curriculum Guide. This is a Revised Bloom's Taxonomy (RBT) curriculum guide containing unpacked content, instructional activities and materials, key terms, and prototype assessment items. The FEFE lessons are an essential component of the instructional materials and help ensure that students build understanding of personal finance knowledge and skills and are well prepared for the postassessment. To expedite and make full use of the allotted time, please register for an account three days in advance.  
[fefe.arizona.edu/user/register](http://fefe.arizona.edu/user/register)

Presenter: **Kathryn Cox**, William G. Enloe Magnet High School

Location: Guilford E

**8:00 a.m. - 9:00 a.m. Fool Proof Lessons for Teaching Principles of Business and Finance**

Looking for new and exciting ways to present Principles of Business and Finance topics such as: credit, banking, budgeting, and more, that your students will find fun and interesting? Need to incorporate differentiated learning strategies? Extra credit assignments? Independent online learning activities? Something your students can work on from home or during spare time in class? Come learn about "Fool Proof," a free interactive online program that is highly engaging. Learn about the self-grading group of lessons called *modules* that teach young people about money, financial responsibility, and the realities of the free enterprise system. Come see how easy it is to set up your classes today.

Presenter: **Debragail Smith**, Harnett Central High School

Location: Guilford G

**8:00 a.m. - 9:00 a.m. Hands on Banking: Everything You Need to Teach Personal Finance (Middle School Session)**

Hands on Banking (HOB) consists of two parts: an interactive online curriculum that students can do at their own pace, and a series of in-classroom lessons. This workshop will show you how to access and use HOB, and provide you with all the resources you need to get started. HOB has sections for adults, high schoolers, middle schoolers, and elementary students. This session will focus on middle school.

Presenter: **Stephen Day**, NC Council on Economic Education

Location: Guilford D

**8:00 a.m. - 9:00 a.m. Honors in BFIT**

The Honors Course Policy requires teachers interested in offering honors CTE courses to develop and submit for approval to local administrators a portfolio of curriculum materials for each honors course. This portfolio is called the Honors Teaching Preparation Portfolio. The purpose of this workshop is to provide participants with an overview of the requirements and procedures for preparing the Honors Teaching Preparation Portfolio for any BFIT Honors class.

Presenter: **Helen Garner Maness**, North Moore High School

Location: Guilford F

**8:00 a.m. - 9:00 a.m. The Technology Rich Accounting Classroom and Other Best Practices**

Are you looking for great ways to infuse technology and increase student interest in your Accounting classes? Are you curious about teaching Accounting using blended instruction? How about the Aplia online working papers and the new McGraw Hill Connect? Attend this informative session to learn how two master Accounting teachers liven up their Accounting classes and learn best practices from the presenters and the participants. Plan to share a few best practices of your own!

Presenters: **Deborah Burns**, West Johnston High School

**Katrina Williams**, Hertford County High School

Location: Guilford C

# Business, Finance, and Information Technology Education

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**Thursday, July 26, 2012**

**8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**8:00 a.m. - 10:00 a.m. Webpage Design: The Basics (Preregistration Required)**

This 2-hour lab session, appropriate for Multimedia and Webpage Design and Digital Media teachers, is for teachers who are using HTML code for the first time to develop a webpage. Teachers will learn the "rules" of a webpage created in HTML or XHTML. They will also learn how to build a basic webpage with absolute hyperlinks. Other topics will include curriculum requirements, recommended software, and strategies for helping beginning students.

Presenter: **Linda Mackey**, ExplorNet/Centers for Quality Teaching and Learning

Location: Colony A

**9:15 a.m. - 10:15 a.m. Adobe Flash (MaWD and e-Commerce)**

Adobe® Flash® can make your website come alive! This session will demonstrate the possibilities of this powerful tool.

Presenter: **Steve Adler**, Adobe Education Solutions Consultant

Location: Guilford A

**9:15 a.m. - 10:15 a.m. Building a Blended Learning Environment on a Budget**

There is an ongoing debate over the pros and cons of the online classroom versus the traditional face-to-face setting. Personally I feel that both have quality features that facilitate innovative 21st century strategies for teaching and learning. I will demonstrate a few easy and cost effective solutions.

Presenter: **Mark Story**, Bandys High School

Location: Guilford G

**9:15 a.m. - 10:15 a.m. Exploring, Creating, and Preparing Creative and Effective Lesson Plans: Using the TPACK Model to Enhance Your Classroom**

Do you want to bring back your creativity in lesson planning? The TPACK model is a simple way to enhance your own creative strategies in the classroom. This session will include hands-on lesson planning around the TPACK model.

Presenters: **Lisa Hervey, Ph.D., NBCT**, The Friday Institute, North Carolina State University

**Curt C. Miller**, BFIT Consultant, NCDPI

Location: Guilford C

**9:15 a.m. - 10:15 a.m. Hands on Banking: Everything You Need to Teach Personal Finance. (High School Session)**

Hands on Banking (HOB) consists of two parts—an interactive online curriculum that students can do at their own pace and a series of in-classroom lessons. This workshop will show you how to access and use HOB, and provide you with all the resources you need to get started. HOB has sections for adults, high schoolers, middle schoolers, and elementary students. This session will focus on high school.

Presenter: **Stephen Day**, NC Council on Economic Education

Location: Guilford D

**Thursday, July 26, 2012**

**9:15 a.m. - 10:15 a.m. It's In Their Pockets!—Mobile Devices**

In a world of students who are digital consumers, more than half of them own some type of electronic device. In this session, you will learn how to use some of their methods of electronic communication to inspire learning! From tweeting to texting, there are some low cost, “low tech” ways to engage our students. Rather than becoming an “add on” to the classroom experience, different forms of electronic communication can provide an alternative method of presenting work already being studied. When students incorporate technology for classroom use, they not only learn the content in a creative way, they learn 21st century communications skills at the same time. See the mobile learning environment our students walk around with every day.

Presenter: **Karen S. McPherson**, Teacher & 2013 Kenan Fellow, Camden County School System

Location: Pinehurst

**9:15 a.m. - 10:15 a.m. What are ITES and why are they important to middle school technology teachers? (Middle School Session)**

During 2009, Instructional Technology staff members worked with LEA representatives and other DPI staff to create Information and Technology Essential Standards for media and technology. These standards replaced the Computer Skills and Information Literacy Standard Courses of Study. These standards are critical building blocks for the education of our students. ITES represent the “must have” information and technology skills and knowledge that each student must have in order to achieve success at the next level. The standards are designed to be delivered by classroom teachers in all curricular areas and grade levels. As the ITES are taught throughout all classrooms and across all curricular areas, it is essential that classroom teachers collaborate with media coordinators and technology facilitators in delivering this instruction.

Presenters: **Amber Bass-Godfrey**, Region 1 Technology Consultant, NCDPI  
**Deborah Goodman**, Region 2 Technology Consultant, NCDPI

Location: Guilford F

**9:15 a.m. - 10:15 a.m. What is a Field Test?**

DPI staff members will be on hand to answer all your “field” test questions. What are cut scores? Is the final curved? Will the curriculum be cut or changed? I need more time to teach Unit A, can we change the blueprint? What is adopted, adapted, developed, and RBT and which course am I teaching? What happens next?

Presenters: **Linda Lay**, BFIT Consultant, NCDPI  
**Deborah Seehorn**, BFIT Consultant, NCDPI

Location: Guilford E

**10:30 a.m. - 11:30 a.m. Computer Skills and Applications Best Practices—New Curriculum! (Middle School Session)**

Are you ready for the new Middle School BFIT curriculum? In this session, you will receive “best practice” information to use with the new curriculum this fall!

Presenters: **Cindi Sweeney**, J M Alexander Middle School  
**Teresa Lester**, Bailey Road Middle School

Location: Guilford F

**10:30 a.m. - 11:30 a.m. Gen Z—Curators of Social Media**

Gen Z—Curators of Social Media is a hands-on session where educators can explore and interact with new media forms to connect Common Core, ITES standards, and the Big 6 Research Skills with a large collection of web tools aligned to Bloom’s Digital Taxonomy. Educators benefit by understanding these connections and receive an arsenal of web tools and strategies to integrate into every subject area and grade level. Learn to be a content creator as well as a content consumer. Bring your own device.

Presenters: **Kathy Beck**, Iredell-Statesville School System  
**Karen Van Vliet**, Iredell-Statesville School System

Location: Victoria A

# Business, Finance, and Information Technology Education

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**Thursday, July 26, 2012**

**10:30 a.m. - 11:30 a.m. Peer Aggression: An Eye-Opening Response to the Intensifying Cyber-Cruelty of Children to One Another**

Slip on your lab coat and step into the examination room as we investigate the various “pathologies” of peer aggression. As adult mentors, our first responsibility must be to understand the brain, behavior and social context interactions associated with cyberbullying in order to design effective interventions. Without this deeper understanding, we are poorly equipped to serve as “guides on the side” in a digital world. Participants will gain access to free online multimedia resources, eBooks, and legal information, along with an engaging collection of web sites featuring simulations, games, strategies, video galleries, and some very cool tools.

Presenter: **Donna Sawyer**, Instructional Technology Consultant

Location: Guilford A

**10:30 a.m. - 11:30 a.m. Pre-“PAIRING” with MSITA: Co-Curricular Teaming for Success**

This session will provide tips on teaching MSITA Word, PowerPoint, and Publisher with English 9 and MSITA Excel and Access with Core Courses such as Earth Science. Suggestions about getting started, pitfalls to avoid, and co-curricular assignments will be provided.

Presenters: **James “Ricky” Hardy**, Leesville Road High School  
**Carol York**, Cary High School

Location: Guilford C

**10:30 a.m. - 11:30 a.m. Promoting Your BFIT Program**

Are you having problems attracting students? Is your program facing budget cuts? Numbers are power, so come to this session to see useful tips on how to promote your program and attract students into BFIT!

Presenters: **Mrs. Michelle Bardsley**, Grimsley High School  
**Jennifer Luper**, Lincolnton High School

Location: Guilford G

**10:30 a.m. - 11:30 a.m. The Stock Market Game: The Original Interactive Investment Game**

The Stock Market Game has been used by thousands of teachers and tens of thousands of students each year for several decades. It has always been popular with students, but it is only recently that it has been shown to boost test scores in personal finance, economics, and even math! Come see what the big deal is! This session will show you how to use SMG curriculum in the classroom, and how to get started with the game. For grades 4-12.

Presenter: **Stephen Day**, NC Council on Economic Education

Location: Guilford D

**10:30 a.m. - 11:30 a.m. Using Formative Assessment in the Classroom**

If you’ve completed the NC Falcon modules on formative assessment and need help implementing the strategies, this workshop is for you! Come learn how to create and use a formative assessment plan in the classroom.

Presenters: **Donna W. Hall**, Hickory High School  
**Carmella Fair**, NC FALCON Coordinator, NCDPI

Location: Guilford E

**10:30 a.m. - 12:30 p.m. Webpage Design: Advancing to CSS (Preregistration Required)**

This 2-hour lab session, appropriate for Multimedia and Webpage Design and e-Commerce teachers, is for teachers who are experienced with using HTML and XHTML code to develop webpages. Teachers will learn how to create relative hyperlinks. They will explore Cascading Style Sheets (CSS) and develop a webpage using CSS. Other topics will include curriculum requirements and strategies for helping beginning students.

Presenter: **Linda Mackey**, ExplorNet/Centers for Quality Teaching and Learning

Location: Colony A

**Thursday, July 26, 2012**

**12:45 p.m. - 1:45 p.m. Creating the Cooperative Learning Connection**

Energize your classroom and enhance student interest and retention with these simple strategies. Participants will learn how to use cooperative learning structures such as Line-up, Mix-Freeze-Group, Mix & Match, Numbered Heads Together, Team-Pair-Solo, Corners, Mix-Pair-Discuss, and Find Someone Who...

Presenter: **Glenda Cook**, Retired Educator

Location: Guilford F

**12:45 p.m. - 1:45 p.m. Integrating Animation and Computer Programming with Alice into All Disciplines**

The Adventures in Alice Programming project is working with middle school and high school teachers to integrate computing into a variety of disciplines using the Alice programming environment. Alice is a virtual worlds environment. Using Alice, students can build an interactive story or game for a project in any discipline. We will show several Alice projects. Teachers can download Alice (version 2.2) before coming at [www.alice.org](http://www.alice.org) and follow along with a short demo to try it.

Presenter: **Dr. Susan Rodger**, Professor of the Practice, Duke University

Location: Guilford C

**12:45 p.m. - 1:45 p.m. Google Apps for Educators—Google Maps Edition**

Where in the world did you go over your spring/summer break? Want to take a road trip to a local college? How about you show us by creating a customized, personalized, Google map? Join us for a demonstration on how to create personalized Google maps and brainstorm projects for your classroom.

Presenter: **John Moody**, Asheville Middle School

Location: Guilford A

**12:45 p.m. - 1:45 p.m. Looking Beyond MOS Certification?? Try Network Administration I & II: Microsoft**

Need something more challenging for your advanced students?? Have students who are really interested in computers... not just games and applications?? Come learn about the new Microsoft Network Administration curriculum—two exciting lab based classes with many certification opportunities! This session will cover everything that is new in Network Administration and the MTA (Microsoft Technology Associate) and the MCTS (Microsoft Certified Technical Specialist) certification programs.

Presenters: **Justin Crompton**, The Academy at Central  
**Deborah Seehorn**, BFIT Consultant, NCDPI

Location: Guilford G

**12:45 p.m. - 1:45 p.m. RBT Success 101: Helping Students Succeed on RBT Exams**

This workshop is designed for teachers to help students learn and develop valuable test taking and analytical skills. Designed for the Accounting I and II curriculums; however, will benefit anyone who administers an RBT exam.

Presenter: **Kathy High**, West Stanly High School

Location: Guilford D

**12:45 p.m. - 1:45 p.m. Teaching Excel and Access**

Do you struggle with Excel and Access. Join this session to learn new and innovative ways to teach Microsoft Excel and Access with a high level of success on the MOS certifications and end of course test.

Presenter: **Helen Garner Maness**, North Moore High School

Location: Guilford E

## Business, Finance, and Information Technology Education

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Thursday, July 26, 2012

**1:00 p.m. - 3:00 p.m. FEFE: An Instructional Blueprint for Personal Finance— Why Reinvent the Wheel? (Preregistration Required)**

Don't waste your valuable planning time creating lesson plans for teaching Personal Finance—FEFE lessons have been adapted for each unit of the Personal Finance 8726 course. Educators teaching this course may download the lesson plans from the FEFE website at no cost. The course blueprint and flow of instruction may be found in the PF 8726 Curriculum Guide. This is a Revised Bloom's Taxonomy (RBT) curriculum guide containing unpacked content, instructional activities and materials, key terms, and prototype assessment items. The FEFE lessons are an essential component of the instructional materials and help ensure that students build understanding of personal finance knowledge and skills and are well prepared for the postassessment. To expedite and make full use of the allotted time, please register for an account three days in advance. [fefe.arizona.edu/user/register](http://fefe.arizona.edu/user/register)

Presenter: **Kathryn Cox**, William G. Enloe Magnet High School

Location: Colony A

**1:00 p.m. - 3:00 p.m. Now that I've got this Moodle Shell, what do I do next? (Preregistration Required)**

Learn how to customize your Moodle shell for direct online instruction or face to face hybrid instruction. You will leave this workshop with teaching strategies that engage students in 21st century learning and keep them engaged in a self-facilitated learning environment. Creating assignments, forums, adding links, lessons and more will be a breeze now that you have a Moodle Shell.

Presenter: **Karen Archie Gregory**, Reagan High School

Location: Colony B

**2:00 p.m. - 3:00 p.m. Flipped Teacher Using Google To Make It Happen!**

Learn about the Google Apps for educators along with a myriad of other tools to help you as an educator. We will look at Google Voice (personal secretary), Google Docs (personal organizer), Google Search (quickly find what you are looking for), Google Plus (professional learning network), and Google Reader (bring the latest and greatest to you!).

Presenter: **John Moody**, Asheville Middle School

Location: Guilford A

**2:00 p.m. - 3:00 p.m. Momma always said, "Life is like a box of chocolates." (MaWD)**

We never know what types of students we are going to get in our classes, but hopefully with these interesting lessons you can keep their attention in Multimedia and Webpage Design. The focus of this session will be the presentation of fresh project ideas not included in the current MaWD curriculum.

Presenter: **Jennifer Guy**, Terry Sanford High School

Location: Guilford E

**2:00 p.m. - 3:00 p.m. Principles of Business and Finance: Surviving and Thriving!**

Have your students struggled with low test scores in Principles of Business and Finance? Have you wondered how to improve those scores while making this course fun and engaging for students? The presenters will "break down" the curriculum and offer strategies for teaching some of the more difficult objectives, including 4.03 (Saving and Investing), 5.01 (Credit Management), and 5.02 (Risk Management and Insurance).

Presenters: **Troy Burns**, Marvin Ridge High School

**Kelley Cognac**, Marvin Ridge High School

Location: Guilford C

**2:00 p.m. - 3:00 p.m. The 21st Century Classroom**

This session will outline the financial impacts of the global economy on today's Business, Finance, and Information Technology Education classrooms. Cutting-edge strategies will be shared to help prepare students to navigate their future as effective digital citizens and life-long learners.

Presenter: **Dr. Mark Snyder**, Elon University

Location: Guilford F



# Career Development



**Marchelle Horner**, Consultant, [Marchelle.Horner@dpi.nc.gov](mailto:Marchelle.Horner@dpi.nc.gov)

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**Helaina Hinson**, Program Assistant, [Helaina.Burton@dpi.nc.gov](mailto:Helaina.Burton@dpi.nc.gov)

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**Felicia Gray-Watson**, Section Chief, [Felicia.GrayWatson@dpi.nc.gov](mailto:Felicia.GrayWatson@dpi.nc.gov)

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### Sunday, July 22, 2012

#### **3:00 p.m. - 6:00 p.m. 10 Hour Induction Program—CDC/SPCs (part 1 of 4) (Preregistration Required)**

Upon completion of this module, participants will: (1) understand how to connect with business, industry, community, and postsecondary resources; (2) understand how to organize an advisory council; and (3) understand the importance of active involvement in professional organizations.

Location: Blue Ashe

#### **6:00 p.m. - 7:00 p.m. 10 Hour Induction Program—CDC/SPCs (part 2 of 4) (Preregistration Required)**

Upon completion of this module, participants will: (1) understand how to connect with business, industry, community, and postsecondary resources; (2) understand how to organize an advisory council; and (3) understand the importance of active involvement in professional organizations.

Location: Heritage A

### Monday, July 23, 2012

#### **9:00 a.m. - noon 10 Hour Induction Program—CDCs (part 3 of 4) (Preregistration Required)**

This computer lab session will allow participants to: (1) understand their role as CDCs, (2) understand Moodle applications, (3) create a work plan based on current job description and appraisal instrument, and (4) create a list of Internet and hard-copy resources.

Presenters: **Shannon Baker**, SPC, Heritage High School, Wake County  
**Marchelle S. Horner**, Career Development Consultant, NCDPI  
**Helen Scott**, CTE Facilitator, Cumberland County Schools

Location: Sandpiper

#### **9:00 a.m. - noon 10 Hour Induction Program—SPCs (part 3 of 4) (Preregistration Required)**

Welcome to the world of Special Populations. Upon completion of this course, participants will: (1) understand their role as SPCs, (2) understand the importance of the SPC/Exceptional Education teacher relationship, (3) understand Moodle applications, and (4) create a work plan based on current job description and appraisal instrument.

Presenter: **Bill Hatch**, Special Populations Consultant, NCDPI

Location: Heritage A

#### **1:00 p.m. - 4:00 p.m. 10 Hour Induction Program—CDCs (part 4 of 4) (Preregistration Required)**

Welcome to the world of Career Development. Upon completion of this course, participants will: (1) understand their role as CDCs, (2) understand the importance of the CDC/School Counselor relationship, (3) understand Work-based Learning, (4) understand Moodle applications, (5) understand current graduation requirements, (6) create a work plan based on current job description and appraisal instrument, and (7) create a list of Internet and hard-copy resources.

Presenters: **Linda Brannon**, Counselor Consultant, NCDPI  
**Lindsey Ciss**, CDC, Alamance Burlington  
**Marchelle S. Horner**, Career Development Consultant, NCDPI

Location: Heritage A

#### **1:00 p.m. - 4:00 p.m. 10 Hour Induction Program—SPCs (part 4 of 4) (Preregistration Required)**

This computer lab session will allow participants to: (1) understand their role as SPCs, (2) understand Moodle applications, (3) create a work plan based on current job description and appraisal instrument, and (4) create a list of Internet and hard-copy resources.

Presenters: **Shannon Baker**, SPC, Heritage High School, Wake County  
**Bill Hatch**, Special Populations Consultant, NCDPI

Location: Sandpiper

#### **5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

# Career Development

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**Tuesday, July 24, 2012**

**8:00 a.m. - 1:30 p.m. Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

**9:00 a.m. - noon CDC/SPC Refresher Course**

This session features veteran CDCs sharing their best practices on how to get started, successful classroom strategies, calendar/work plan, assessments, work-based learning and other resources.

Location: Heritage A

**9:00 a.m. - noon Civil Rights Review Training**

This training will be geared toward participants whose LEAs are scheduled for a Civil Rights Review in the coming school year. However, personnel from any LEA are encouraged to attend! This training will: (1) assist LEA personnel to better prepare for a Civil Rights Review, and (2) assist any LEA to achieve or maintain compliance with the Civil Rights regulations. Everyone is welcome, and there is no preconference fee.

Presenter: **Bill Hatch**, Civil Rights Coordinator, NCDPI

Location: Biltmore AB

**1:30 p.m. - 3:00 p.m. CTE Summer Conference—General Opening Session**

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President

**June St. Clair Atkinson, Ed.D.**, State Superintendent

**Janet Cowell**, State Treasurer

**CTSO Officers**

Location: Guilford ABC

**3:30 p.m. - 5:30 p.m. Revolutionizing Education—Investing in Generation Z**

The CDC/SPC Opening Session includes a conference overview, DPI updates, a brief word from our NCACTE representatives and a dynamic speaker. The 1.5 million members of Generation Z in North Carolina know only a world in which technology, social, and cultural shifts happen in months rather than decades. This highly diverse environment will make the grade schools of the next generation the most diverse ever. Higher levels of technology will make significant inroads in academics allowing for customized instruction and accelerated achievement opportunities.

Gen Z students communicate differently, are motivated differently, and learn differently.

How do we innovate and make our work more applicable and meaningful to today's students as they grow into tomorrow's workforce?

Presenters: **Bill Hatch**, Special Populations Consultant, NCDPI

**Marchelle S. Horner**, Career Development Consultant, NCDPI

**Felicia Gray-Watson**, CTE Support Services Section Chief, NCDPI

**Kendall Hageman**, North Carolina State University

**Liz Vaden**, NCACTE Guidance Division President

**Ruby McLean**, NCACTE Special Needs Division President

Location: Imperial ABC

**5:00 p.m. - 8:00 p.m. Third Floor Exhibitors' Showcase and Studio Presentations**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

## Tuesday, July 24, 2012

### 5:30 p.m. - 8:00 p.m. CDC/SPC Networking

Come join your colleagues from across the state to learn about the many resources offered by our networking host.

Sponsor: Miller-Motte College

Location: Parlor - CDC

## Wednesday, July 25, 2012

### 7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

### 8:00 a.m. - 10:15 a.m. Career and College Promise, WorkKeys, and Diversity— Oh My! (Repeat Session)

This session will update participants on: (1) The CCP process and how CFNC will make the process easier for students, counselors, CDCs, and others who work with registering students. (2) The WorkKeys data from 2012, moving forward with the 2012-13 outline, FAQ's for parents, marketing, school-based logistics, and much more. (3) Reviewing the scope of your CTE program and identifying and addressing diversity needs.

Presenters: **Felicia Gray-Watson**, CTE Support Services Section Chief, NCDPI

**Carol Short**, Curriculum Section Chief, NCDPI

**Mary Molusky**, ACT

**Kristy Kristenberry**, CDC, Washington High School

Location: Imperial BC

### 8:00 a.m. - 9:00 a.m. Career Management Is Fun!

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

### 8:00 a.m. - 9:00 a.m. Hop on the BUS! to Entrepreneurship: The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship

**Shannon Gallagher**, NC REAL Entrepreneurship

**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

### 10:30 a.m. - noon Career and College Promise, WorkKeys, and Diversity— Oh My! (Repeat Session)

This session will update participants on: (1) The CCP process and how CFNC will make the process easier for students, counselors, CDCs, and others who work with registering students. (2) The WorkKeys data from 2012, moving forward with the 2012-13 outline, FAQ's for parents, marketing, school-based logistics, and much more. (3) Reviewing the scope of your CTE program and identifying and addressing diversity needs.

Presenters: **Felicia Gray-Watson**, CTE Support Services Section Chief, NCDPI

**Carol Short**, Curriculum Section Chief, NCDPI

**Mary Molusky**, ACT

**Kristy Kristenberry**, CDC, Washington High School

Location: Imperial BC

# Career Development

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**Wednesday, July 25, 2012**

**1:00 p.m. - 2:00 p.m. Managing Career & College Promise Applications with CFNC's Professional Center (Repeat Session)**

NC Career & College Promise offers expanded opportunities for high school students to earn college credits towards college transfer and/or a technical career certificate or diploma. CDCs and school counselors will be central to the management of student C&CP requests and applications through the CFNC Professional Center. This discussion will outline the steps to the C&CP enrollment process—highlighting student actions, school actions, potential scenarios, overrides, and a peek into the entire process with the Professional Center at CFNC.

Presenter: **Amy White Samek**, CFNC/ UNC General Administration

Location: Sandpiper

**1:00 p.m. - 2:00 p.m. Figuring Out a Better Way to Do the Career Development Plan Plus**

FACT: CDP+ must be completed. Yet, there has to be a better process to efficiently and effectively accomplish this task. This session will review what is being done across the state, help you to understand the purpose, and get you started in finding an improved CDP+ process to collect the information that sets student goals.

Presenters: **Bill Hatch**, Special Populations Consultant, NCDPI

**Tamara Gamble**, CDC, Cabarrus County Schools

**Simone Pate**, CDC/SPC, Pitt County Schools

Location: Imperial BC

**1:00 p.m. - 2:00 p.m. Managing Multiple Generations in the Work Force**

This presentation presents the differences in the attitudes and values of today's workers, a mix of multiple generations, viewpoints, and expectations. Strategies for keeping the peace will be presented.

Presenter: **Terri Manning, Ed.D.**, Associate Vice President for Institutional Research, Central Piedmont Community College

Location: Auditorium III

**2:15 p.m. - 3:15 p.m. A Systematic Approach to Increase Nontraditional Enrollment**

This session will explore methods to increase the nontraditional and underrepresented enrollment in your CTE courses. The session will look in depth at how LEAs have used the National Alliance for Partnerships in Equity's 5 Step Process and other approaches to meet their local plan goals.

Presenters: **Bill Hatch**, Special Populations and Equity Consultant, NCDPI

**Kristal Dellinger**, CDC, Cabarrus County Schools

**Kendra Glover**, CDC, Cabarrus County School

**Kathy Hinkle**, CDC/SPC, Lexington City Schools

**Lana Bradley**, SPC, Buncombe County Schools

Location: Imperial BC

**2:15 p.m. - 3:15 p.m. Apprenticeship 101**

This workshop provides the CDCs and SPCs a good understanding of internships and apprenticeships and how they might be used in the classroom to enhance student learning and ensure career readiness.

Presenter: **Kathryn Castleoes**, Apprenticeship and Training Bureau, NC Department of Labor

Location: Auditorium III

**2:15 p.m. - 3:15 p.m. Managing Career & College Promise Applications with CFNC's Professional Center (Repeat Session)**

NC Career & College Promise offers expanded opportunities for high school students to earn college credits towards college transfer and/or a technical career certificate or diploma. CDCs and school counselors will be central to the management of student C&CP requests and applications through the CFNC Professional Center. This discussion will outline the steps to the C&CP enrollment process—highlighting student actions, school actions, potential scenarios, overrides, and a peek into the entire process with the Professional Center at CFNC.

Presenter: **Amy White Samek**, CFNC/ UNC General Administration

Location: Sandpiper

**Wednesday, July 25, 2012**

**3:30 p.m. - 5:00 p.m. CDC/SPC Regional Meeting— Central**

CTE Administrators will meet jointly with Career Development Coordinators and Special Populations Coordinators in the new regional configuration. The agenda will include future meeting dates, officer selection, discussion of future agenda topics, and regional professional development priorities.

Presenter: **Ted Summey**, Central Region CTE Coordinator

Location: Auditorium III

**3:30 p.m. - 5:00 p.m. CDC/SPC Regional Meeting— Northeast**

CTE Administrators will meet jointly with Career Development Coordinators and Special Populations Coordinators in the new regional configuration. The agenda will include future meeting dates, officer selection, discussion of future agenda topics, and regional professional development priorities.

Presenter: **Christy Harris**, Northeast Region CTE Coordinator

Location: Imperial BC

**3:30 p.m. - 5:00 p.m. CDC/SPC Regional Meeting— Northwest**

CTE Administrators will meet jointly with Career Development Coordinators and Special Populations Coordinators in the new regional configuration. The agenda will include future meeting dates, officer selection, discussion of future agenda topics, and regional professional development priorities.

Presenter: **Marty Tobey**, Northwest Region CTE Coordinator

Location: Imperial A

**3:30 p.m. - 5:00 p.m. CDC/SPC Regional Meeting— Southeast**

CTE Administrators will meet jointly with Career Development Coordinators and Special Populations Coordinators in the new regional configuration. The agenda will include future meeting dates, officer selection, discussion of future agenda topics, and regional professional development priorities.

Presenter: **John Kirkman**, Southeast Region CTE Coordinator

Location: Blandwood

**3:30 p.m. - 5:00 p.m. CDC/SPC Regional Meeting— Southwest**

CTE Administrators will meet jointly with Career Development Coordinators and Special Populations Coordinators in the new regional configuration. The agenda will include future meeting dates, officer selection, discussion of future agenda topics, and regional professional development priorities.

Presenter: **Marchelle Horner**, Career Development Consultant, NCDPI  
(vacant), Southwest Region CTE Coordinator

Location: Biltmore A

**3:30 p.m. - 5:00 p.m. CDC/SPC Regional Meeting— West**

CTE Administrators will meet jointly with Career Development Coordinators and Special Populations Coordinators in the new regional configuration. The agenda will include future meeting dates, officer selection, discussion of future agenda topics, and regional professional development priorities.

Presenter: **Wendy Edney, Ed.D.**, West Region CTE Coordinator

Location: Morehead

**7:30 p.m. - 9:30 p.m. Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

# Career Development

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**Thursday, July 26, 2012**

**8:00 a.m. - 10:15 a.m. CDC/SPC Best-Practices Round-Table Discussions (Repeat Session)**

This is one of the most highly rated sessions during summer conference in all program areas. Come collaborate with your colleagues and business and industry partners as they share best practices from across the state.

Presenters: Various CDCs/SPCs, Business & Industry Partners

Location: Victoria A

**8:00 a.m. - 10:00 a.m. Every Kind of People (Preregistration Required)**

According to Sigmund Boloz, “we must merge our traditional sense of schooling with the real world. What we do in school must not insult the child’s past but must build upon his past and encourage future learning.” Every Kind of People explores diversity awareness and its impact on teaching and learning. The interactive session delves into the dimensions of diversity and cultural proficiency using music, video, and a variety of diversity activities. Opportunities are given to share ideas in a safe environment and dialogue on the value of diversity awareness in relationship to student success.

Presenter: **Joanne Lucas, B.S., M.S.**, Education Consultant, Virginia Beach, Va

Location: Colony C

**8:00 a.m. - 1:00 p.m. Third Floor Exhibitors’ Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**10:30 a.m. - noon CDC/SPC Best-Practices Round-Table Discussions (Repeat Session)**

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Location: Victoria A

**10:30 a.m. - 11:30 a.m. Gen Z—Curators of Social Media**

Gen Z—Curators of Social Media is a hands-on session where educators can explore and interact with new media forms to connect Common Core, ITES standards, and the Big 6 Research Skills with a large collection of web tools aligned to Bloom’s Digital Taxonomy. Educators benefit by understanding these connections and receive an arsenal of web tools and strategies to integrate into every subject area and grade level. Learn to be a content creator as well as a content consumer. Bring your own device.

Presenters: **Kathy Beck**, Iredell-Statesville School System

**Karen Van Vliet**, Iredell-Statesville School System

Location: Victoria A

**1:00 p.m. - 3:30 p.m. CDC/SPC Closing Session**

The CDCs and SPCs gather together with state staff to debrief about what they have learned this week and join together as we head back to our schools, newly energized, to increase learning for all students.

Presenters: **Marchelle Horner**, Career Development Consultant, NCDPI

**Bill Hatch**, Civil Rights Coordinator, and Special Populations and Equity Consultant, NCDPI

**Chris Droessler**, College Tech Prep, Postsecondary Partnerships, Career Academies, HSTW Consultant, NCDPI

Location: Victoria A

# Family & Consumer Sciences Education

Family and  
Consumer Sciences  
EDUCATION



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**Carol Short**, Section Chief, [Carol.Short@dpi.nc.gov](mailto:Carol.Short@dpi.nc.gov)

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CAREER AND TECHNICAL EDUCATION



### Sunday, July 22, 2012

**3:00 p.m. - 6:00 p.m. 40 Hour Induction Program: Module IV—For all CTE Program Areas (Preregistration Required)**

New teachers will complete Unit D: Professional Linkages in the Learning Community from NCDPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

**6:00 p.m. - 7:00 p.m. 40 Hour Induction: Module IV—Family and Consumer Sciences Education (Preregistration Required)**

Module 4, Professional Linkages in the Learning Community, focuses on understanding how to network to achieve optimum effectiveness and realizing benefits of linkages formed within the school and community. Emphasis is placed on role and behavior expectations of teachers and students in a professional learning community. Strategies are shared for connecting with resource people, organizing an advisory council, becoming actively involved in professional organizations, providing work-based learning opportunities, and promoting CTE programs and CTSO activities within the school and community. This preconference session is required for any new FACS teacher in the 40-hour induction and for any FACS teacher who would like to refresh and renew in this content. All FACS participants are encouraged to bring a fully-charged, wireless-enabled computing device to this conference sessions (BYOD).

Presenter: **Janet Ward**, Retired FACS Teacher, Author, Consultant,

Location: Tidewater AB

### Monday, July 23, 2012

**8:00 a.m. - 6:00 p.m. ServSafe® Training (part 1 of 4) (Preregistration Required)**

ServSafe® 6th Edition is a nationally-recognized food-safety program that is integral to Foods II Enterprise, ProStart® I & II, Introduction to Culinary Arts & Hospitality, and Culinary Arts and Hospitality I & II. Other foods-related teachers are encouraged to get certified. Participation will make the teacher eligible to become a certified instructor and proctor of ServSafe®. To become a registered instructor/proctor, one must score 75% or higher on the instructor's exam. July 23-24 is the classroom instruction, the evening of July 24 is the class review, and July 25 is the credentialing exam for teachers.

Presenter: **Angela Fraser, Ph.D.**, Associate Professor, Clemson University

Location: Pebble Beach

**8:30 a.m. - 2:45 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (continued) (Preregistration Required)**

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

**9:00 a.m. - 6:00 p.m. Foods II Enterprise (Part 1 of 2) (Preregistration Required)**

Participants will explore the new Entrepreneurship Unit-Roadmap to Food Entrepreneurship. Moodle resources and testimonials from pilot teachers will be shared. A representative from the Consortium for Entrepreneurship Education will provide an in-depth analysis of the Seven Mile Markers. All FACS participants are encouraged to bring a fully-charged, wireless-enabled computing device to this conference session (BYOD).

Presenter: **Horace Robertson**, Consortium for Entrepreneurship Education, Consultant

Location: Guilford A

## Family and Consumer Sciences Education

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**Monday, July 23, 2012**

**9:00 a.m. - 8:00 p.m. Project Management I Training (part 1 of 2) (Preregistration Required)**

This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

**9:00 a.m. - 6:00 p.m. ProStart® Credentialing in North Carolina Schools (part 1 of 2) (Preregistration Required)**

ProStart® is a two-year credentialing program for high school students interested in a career in culinary arts and food-service management. During this workshop, current and future ProStart® teachers, CDCs, IMCs, guidance counselors, administrators, CTE directors, and educators wishing to learn more about the ProStart® program, will be provided with an orientation to the ProStart® program and steps for successfully implementing and coordinating the program in their schools. You will need the following items to fully participate in this session: (1) butane burner and gas (\$10-\$12), (2) cutting board, (3) saute pan, (4) spatula, (5) chef's hat/ hair restraint, and (6) chef's pants/black pants.

Presenter: **Susan Seay**, North Carolina Hospitality Education Foundation-ProStart® Coordinator

Location: Weaver Academy

**9:00 a.m. - 6:00 p.m. Textiles, Design, and Construction for Today (part 1 of 2) (Preregistration Required)**

Dr. Elizabeth Newcomb, a professor of Fashion Merchandising and Design will facilitate this hands-on workshop in a newly renovated design lab. Teachers of Apparel, Interior Design, and Fashion Merchandising will revisit timely concepts with a modern twist aimed at addressing critical areas of curriculum and instruction.

Presenter: **Elizabeth Newcomb, Ph.D.**, Assistant Professor, North Carolina A&T State University

Location: Benbow Hall, NC A&T State University

**1:30 p.m. - 3:00 p.m. Literacy Professional Development and the Common Core**

College and career ready reading and writing in career-technical fields requires students to be able to gain knowledge from challenging manuals and technical texts that often make extensive use of elaborate diagrams and data to convey information and illustrate concepts. Students must be able to read complex informational texts in these fields with independence and confidence, because the vast majority of reading in college and workforce training programs will be high-level nonfiction. The Literacy Common Core State Standards (CCSS) are meant to complement the specific content demands of technical subjects, not replace them. In this session participants will practice professional development strategies that embed the Literacy CCSS.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial G

**5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

**Tuesday, July 24, 2012**

**8:00 a.m. - 1:30 p.m. Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

**8:00 a.m. - noon Project Management I Training (part 2 of 2) (Preregistration Required)**

This is a continuation of part 1.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

**8:30 a.m. - 11:30 a.m. Foods II Enterprise (Part 2 of 2) (Preregistration Required)**

Participants will explore the new Entrepreneurship Unit-Roadmap to Food Entrepreneurship. Moodle resources and testimonials from pilot teachers will be shared. A representative from the Consortium for Entrepreneurship Education will provide an in-depth analysis of the Seven Mile Markers. All FACS participants are encouraged to bring a fully-charged, wireless-enabled computing device to this conference sessions (BYOD).

Presenter: **Horace Robertson**, Consortium for Entrepreneurship Education, Consultant

Location: Joseph's Private Dining

**8:30 a.m. - 11:30 a.m. ProStart® Credentialing in North Carolina Schools (part 2 of 2) (Preregistration Required)**

ProStart® is a two-year credentialing program for high school students interested in a career in culinary arts and food-service management. During this workshop, current and future ProStart® teachers, CDCs, IMCs, guidance counselors, administrators, CTE directors, and educators wishing to learn more about the ProStart® program, will be provided with an orientation to the ProStart® program and steps for successfully implementing and coordinating the program in their schools. You will need the following items to fully participate in this session: (1) butane burner and gas (\$10-\$12), (2) cutting board, (3) saute pan, (4) spatula, (5) chef's hat/ hair restraint, and (6) chef's pants/black pants.

Presenter: **Susan Seay**, North Carolina Hospitality Education Foundation, ProStart® Coordinator

Location: Weaver Academy

**8:30 a.m. - 12:15 p.m. ServSafe® Training (part 2 of 4) (Preregistration Required)**

A continuation of the ServSafe® training.

Presenter: **Angela Fraser, Ph.D.**, Associate Professor, Clemson University

Location: Pebble Beach

**8:30 a.m. - 11:30 a.m. Textiles, Design, and Construction for Today (part 2 of 2) (Preregistration Required)**

Dr. Elizabeth Newcomb, a professor of Fashion Merchandising and Design will facilitate this hands-on workshop in a newly renovated design lab. Teachers of Apparel, Interior Design, and Fashion Merchandising will revisit timely concepts with a modern twist aimed at addressing critical areas of curriculum and instruction.

Presenter: **Elizabeth Newcomb, Ph.D.**, Assistant Professor, North Carolina A&T State University

Location: Benbow Hall, NC A&T State University

# Family and Consumer Sciences Education

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**Tuesday, July 24, 2012**

**10:00 a.m. - noon**

## **FACS District Leadership Training and Meeting**

This session is dedicated to training the District Leadership Team to perform duties during conference and the upcoming year. This session is for 2011-2012 FACS District Leadership Council and 2012-2013 FACS District Leadership Council members. The time will be spent planning ways to make the 2012 CTE Summer Conference the best it can be and planning additional regional and statewide activities. Please be present to find out about your roles and responsibilities for summer conference and for the upcoming year.

Presenters: **Takeda LeGrand**, FACS Education Consultant, NCDPI  
**Janet Johnson**, NC FCCLA State Advisor

Location: Victoria B

**1:30 p.m. - 3:00 p.m.**

## **CTE Summer Conference—General Opening Session**

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President  
**June St. Clair Atkinson, Ed.D.**, State Superintendent  
**Janet Cowell**, State Treasurer  
**CTSO Officers**

Location: Guilford ABC

**3:30 p.m. - 5:00 p.m.**

## **Opening Session—Family and Consumer Sciences Education**

Join us for the kickoff of Summer Conference 2012 for Family and Consumer Sciences Education as we prepare for another exciting year with future opportunities. Meet your new state consultants and celebrate the success stories of teachers earning special recognitions. Hear updates from the professional organizations and state staff on curriculum developments, directions for the future, and our essential focus for the 2012-2013 school year.

If you are a new FACS teacher or new to the CTE Summer Conference, stay with us immediately following the FACS Opening Session to learn everything there is to know about Summer Conference. Meet your CTE FACS state staff and learn about important opportunities at this conference and throughout the upcoming year. Ask questions, preview the conference, plan your schedule, and network.

Presenters: **Takeda LeGrand**, FACS Education Consultant, NCDPI  
**Janet Johnson**, NC FCCLA State Advisor

Location: Guilford C

**5:00 p.m. - 6:00 p.m.**

## **FACS Professional Meeting and Installation of 2012-2013 Officers**

Here's a great opportunity to enjoy networking with fellow FACS professionals and learn more about professional development opportunities. Witness a resolution for a champion for FACS Education. Participate in a business meeting of the FACS Division of NCACTE and hear a report from the NC Association of Family and Consumer Sciences. Meet our FACS First Timers and help us prepare for a successful Summer Conference!

Presenters: **Katonia Ford**, President, NCACTE FACS  
**Lynne Bell**, President, FACS NCAFCS  
**Takeda LeGrand**, FACS Education Consultant, NCDPI  
**Janet Johnson**, NC FCCLA State Advisor

Location: Guilford C

**5:00 p.m. - 8:00 p.m.**

## **Third Floor Exhibitors' Showcase and Studio Presentations**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

## Family and Consumer Sciences Education

### Tuesday, July 24, 2012

#### 6:00 p.m. - 6:15 p.m. **FACS First Timers and New Teacher's Summer Conference Orientation**

Meet with your Family and Consumer Sciences state staff to ask questions and to receive important information about the week at conference. Meet your district leadership and begin to develop professional networking relationships with others in your district. Be sure to download the First Timer's PowerPoint and review the contents prior to coming to this meeting. We're looking forward to seeing you there!

Presenters: **Takeda LeGrand**, FACS Education Consultant, NCDPI  
**Janet Johnson**, NC FCCLA Advisor

Location: Guilford C

#### 6:15 p.m. - 7:00 p.m. **FACS Networking**

Come network with fellow FACS educators. Join us in honoring our First Timers and welcoming them to Family and Consumer Sciences Education. Thank you to Johnson and Wales University, Charlotte Campus; NCACTE FACS Division; and NCAFCS for sponsoring this event.

Presenters: **Katonia Ford**, President, NCACTE FACS  
**Lynne Bell**, President, NCAFCS

Sponsor: Johnson and Wales University, Charlotte Campus;  
NCACTE FACS Division; and NCAFCS

Location: Guilford C

#### 7:00 p.m. - 9:00 p.m. **ServSafe® Training (part 3 of 4) (Preregistration Required)**

This is a review session for the ServSafe® credentialing exam.

Presenter: **Angela Fraser, Ph.D.**, Associate Professor, Clemson University

Location: Pebble Beach

### Wednesday, July 25, 2012

#### 7:15 a.m. - 4:00 p.m. **Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

#### 8:00 a.m. - 9:00 a.m. **BFIT: Cutting to the Core**

Come to this session and learn how to identify specifically how the courses you teach support Common Core standards. Additionally, learn simple strategies you can implement to further support Common Core initiatives.

Presenters: **Wendy Edney**, West Region CTE Coordinator, NCDPI  
**Lynn Price**, Henderson County Schools

Location: Guilford D

#### 8:00 a.m. - 9:00 a.m. **Career Management Is Fun!**

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

#### 8:00 a.m. - 9:00 a.m. **Fashion Merchandising 3.03: Identify the Types of Fashion Retailers**

Bring the Mall Maps to Life. If your students think the only merchandise sold at "Flagship Stores" are, well, flags; and "Anchor Stores" are only for boat owners, this session will provide tips to help them understand beyond the category name. Come window shop for ideas, projects, and strategies that will help students make fashion retailer categories relevant to the shopping options covered in the curriculum.

Presenter: **Foresa Coe**, Teacher, Rockingham County School System

Location: Turnberry

## Family and Consumer Sciences Education

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**Wednesday, July 25, 2012**

**8:00 a.m. - 9:00 a.m. Hop on the BUS! to Entrepreneurship: The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

**8:00 a.m. - 9:00 a.m. Using the NEFE High School Financial Planning Program**

Teachers will learn about the National Endowment for Financial Education High School Planning Program curriculum and materials available for teachers and students, how to request HSFPP materials for classroom instruction, review information available on their website-hsfpp.nefe.org, and more.

Presenter: **Kelli Cheatham**, State Employees' Credit Union

Location: Guilford F

**8:30 a.m. - 10:00 a.m. Current Issues and Trends in Apparel and Textiles**

This session provides resources for teaching fibers, fabrics, assembly, elements and principles of design, patterns, entrepreneurship, recycle and reuse, renovation, and current industry practices related to Fashion Design and Merchandising.

Presenter: **Elizabeth Newcomb, Ph.D.**, Assistant Professor, North Carolina A&T State University

Location: Morehead

**8:30 a.m. - 10:00 a.m. Cognitive and Moral Development Ages 3-6 Years Old**

Presenter: **Jessica Edwards**, FACS Teacher, Lumberton High School

Location: Oak B

**8:30 a.m. - 10:00 a.m. Food Science: It's Science You Can Eat!**

Food is culture, history, and science all in one. Food science combines many disciplines including chemistry, microbiology, and engineering to process and preserve the foods we eat every day. This presentation demonstrates how food can be used in fun and interesting ways to engage students in the STEM disciplines.

Presenters: **Keith Harris, Ph.D.**, Assistant Professor, North Carolina State University  
**Clint Stevenson, Ph.D.**, Assistant Professor, North Carolina State University

Location: Cedar B

**8:30 a.m. - 10:00 a.m. Formative and Summative Techniques for the FACS Classroom**

Show me the data! Using data and increased accountability have become the norm for teachers. This session will demonstrate ways to utilize Elements within your FACS classroom to maximize student learning and achievement. All FACS participants are encouraged to bring a fully-charged, wireless-enabled computing device to this conference sessions (BYOD).

Presenter: **Derrick Fogg**, FACS Teacher, Warren County High School

Location: Cedar C

**Wednesday, July 25, 2012**

**8:30 a.m. - 10:00 a.m. Fresh FACS—Middle School Round Tables**

Different ideas and strategies to implement in an Exploring Life Skills classroom for all types of learners! This session is great for Middle School FACS teachers that are first year, burned out, looking for fresh lessons, or anyone enthusiastic about jazzing up their FACS class. This session will include project-based learning that will hit on almost all areas of FACS in Exploring Life Skills and will include the integration of technology. Educators are encouraged to bring their own lessons they would like to share, as we will have an idea swap during the session. Prepare nutritious snacks—A total of at least 10 nutritious snack recipes will be given to participants, along with some helpful recipe websites. The presenter will make at least one of the snacks for the participants to try.

Presenters: **Alexis Catanzano**, FACS Teacher, Holly Grove Middle School  
**Franchesca Gantt**, FACS Teacher, Northeast Guilford Middle School  
**Mary Mauney**, FACS Teacher, Cane Creek Middle School

Location: Cedar A

**8:30 a.m. - 10:00 a.m. Implementing Common Core Math within CTE Courses**

This presentation features a historical look at where we were, where we are now, and where we are going in mathematics with the Common Core. Presenter will discuss and share best strategies for smooth implementation of Common Core mathematics into CTE courses and reveal the basis for changing how we do mathematics in the 21st century.

Presenter: **Mary A. Steltz, Ed.D.**, Middle Grades Mathematics Teacher, Consultant

Location: Imperial A

**8:30 a.m. - 10:00 a.m. ProStart®: A National Credentialing High School Culinary Program**

During this session participants will be provided with information about the ProStart program and strategies for implementing the program in their schools. ProStart is a two-year culinary and restaurant management program administered through a partnership with the NC HEF and the National Restaurant Association Education Foundation. Students who complete two levels of the ProStart classes (one credit each), pass the two national exams, and complete 400 hours of industry work experience are given the opportunity to earn the National Restaurant Association's Certificate of Achievement. This credential provides many articulation and scholarship opportunities.

Presenter: **Susan Seay**, North Carolina Hospitality Education Foundation Prostart® Coordinator

Location: Blandwood

**8:30 a.m. - 10:00 a.m. ServSafe® 6e Updates and Industry Practices for Food Safety and Sanitation**

The ServSafe® 6th Edition contains the latest FDA Food Code updates and is based on a new job task analysis developed exclusively by industry experts. This session will highlight the major changes to ServSafe® and provide information on current industry practices related to food safety and sanitation.

Presenter: **Angela Fraser, Ph.D.**, Associate Professor, Clemson University

Location: Oak A

**8:30 a.m. - 10:00 a.m. Sustainable Culinary Arts for Educators**

Participants will learn how to incorporate local foods into their classroom and experience hands on lessons. Participants will receive current data on sustainability in foods, culinary, and agriculture programs.

Presenter: **Chef Greg Hamm**, Director of Culinary Arts and Hospitality Program, Central Carolina Community College

Location: Imperial E

**8:30 a.m. - 10:00 a.m. The Nutrient Chain**

The nutrient chain identifies the six nutrients. Participants will create a chain and identify the essential functions of the six nutrients for the human body. This hands on activity is engaging and addresses multiple learning styles.

Presenter: **Deborah Avery**, Southeast Raleigh High School

Location: Oak C

## Family and Consumer Sciences Education

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**Wednesday, July 25, 2012**

**9:15 a.m. - 10:15 a.m. EntReDot and the Franklinton High School Entrepreneurial Club**

Learn about a new approach to introducing entrepreneurial thinking in the educational process utilizing community business leaders.

Presenters: **William (Bill) Sarine**, Director of Eastern Operations, EntReDot.org  
**Dottie Averett**, Teacher, Franklin County School System

Location: Turnberry

**9:15 a.m. - 10:15 a.m. Hop on the BUS! to Entrepreneurship-The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

**9:15 a.m. - 10:15 a.m. PSAs in the Classroom!**

The Federal Reserve Bank's "Presenting Student Accountability" in the classroom introduces educators to the winners of our Share the Wealth financial education contest. These less than two-minute video clips, created by college students for high school students, address accountability and responsibility in decision making. These peer-to-peer learning videos and accompanying lesson plans will be demonstrated, and attendees will receive a DVD or access to the winning videos.

Presenter: **Yolanda Ferguson**, Federal Reserve Bank of Richmond, Charlotte Branch

Location: Auditorium II

**9:15 a.m. - 10:15 a.m. Revolutionizing Education—Investing in Generation Z**

The one and a half million members of Generation Z in North Carolina know only a world in which technology, social, and cultural shifts happen in months rather than decades. This highly diverse environment will make the grade schools of the next generation the most diverse ever. Higher levels of technology will make significant inroads in academics allowing for customized instruction and accelerated achievement opportunities.

Gen Z students communicate differently, are motivated differently, and learn differently. How do we innovate and make our work more applicable and meaningful to today's students as they grow into tomorrow's workforce?

Presenter: **Kendall E. Hageman**, Institute for Emerging Issues, North Carolina State University

Location: Guilford D

**10:30 a.m. - 11:30 a.m. "But Wait!...There's More!!!" Personal Finance Obj. 7.04: Exemplify persuasive methods used in advertising**

Please join Rosman High School Teacher, Kathy Carr, as she presents teaching strategies that focus on Personal Finance Objective 7.04: Exemplify persuasive methods used in advertising and sales. Using personally created materials and the OPTIC literacy strategy, Mrs. Carr will share with you how she helps her students learn to become critical thinkers that can discern between truth and hype in advertising. If time allows, Kathy will also share some project ideas and tips for Objective 3.01: Classify strategies for making personal, education, and job/career choices to achieve lifestyle goals.

Presenter: **Kathy Carr**, Rosman High School

Location: Guilford F

**10:30 a.m. - noon FACS District 1 Meeting**

District 1 Meeting: Beaufort, Bertie, Camden Currituck, Dare, Edenton-Chowan, Elizabeth City/Pasquotank, Gates, Hertford, Hyde, Martin, Perquimans, Pitt, Tyrrell, Washington

Presenter: **Vicki Harrell**, FACS teacher, Southside High School, Chairperson 2012-2013

Location: Morehead



## Family and Consumer Sciences Education

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**Wednesday, July 25, 2012**

**10:30 a.m. - noon**

**FACS District 2 Meeting**

District 2 Meeting: Brunswick, Carteret, Clinton City, Craven, Duplin, Greene, Jones, Lenoir, New Hanover, Onslow, Pamlico, Pender, Sampson, Wayne

Presenter: District Chairperson

Location: Blandwood

**10:30 a.m. - noon**

**FACS District 3 Meeting**

District 3 Meeting: Durham, Edgecombe, Franklin, Granville, Halifax, Johnston, Nash, Northampton, Roanoke Rapids, Vance, Wake, Warren, Weldon City, Wilson

Presenter: District Chairperson

Location: Cedar A

**10:30 a.m. - noon**

**FACS District 4 Meeting**

District 4 Meeting: Bladen, Columbus, Cumberland, Harnett, Hoke, Lee, Montgomery, Moore, Richmond, Robeson, Scotland, Whiteville City

Presenter: District Chairperson

Location: Cedar B

**10:30 a.m. - noon**

**FACS District 5 Meeting**

District 5 Meeting: Alamance, Asheboro City, Caswell, Chapel Hill City, Chatham, Davidson, Forsyth, Guilford, Lexington City, Orange, Person, Randolph, Rockingham, Stokes, Thomasville

Presenter: District Chairperson

Location: Cedar C

**10:30 a.m. - noon**

**FACS District 6 Meeting**

District 6 Meeting: Anson, Cabarrus, Cleveland, Gaston, Lincoln, Kannapolis City, Mecklenburg, Stanly, Union

Presenter: District Chairperson

Location: Oak A

**10:30 a.m. - noon**

**FACS District 7 Meeting**

District 7 Meeting: Alexander, Alleghany, Ashe, Avery, Burke, Caldwell, Catawba, Davie, Elkin City, Hickory City, Mooresville City, Newton-Conover, Iredell, Mt. Airy, Rowan, Surry, Watauga, Wilkes, Yadkin

Presenter: District Chairperson

Location: Oak B

**10:30 a.m. - noon**

**FACS District 8 Meeting**

District 8 Meeting: Asheville City, Buncombe, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Rutherford, Swain, Transylvania, Yancey

Presenter: District Chairperson

Location: Oak C

**10:30 a.m. - noon**

**Navigate the FACS Moodle PLC-Computer Lab**

This session will provide participants with an overview of our FACS Moodle PLC, instructions for using Moodle, and demonstrate various techniques for participating and collaborating with peers in an online environment.

Presenter: Michael Holman, FACS Teacher

Location: Tanglewood

## Family and Consumer Sciences Education

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Wednesday, July 25, 2012

### 12:45 p.m. - 1:45 p.m. Ignition™ – Digital Literacy & Responsibility Online Program (Middle School Session)

Ignition™ - Digital Literacy & Responsibility is a 4-hour online program developed by EverFi covering topics like cyberbullying, digital addiction, and texting while driving designed to help students understand how they can leverage technology in a safe and effective fashion. As always, EverFi partners with committed organizations and businesses to bring Ignition to schools at no cost.

Presenter: **Evan Willingham**, EverFi, Inc.

Location: Guilford A

### 12:45 p.m. - 1:45 p.m. Teaching To Win

Join me for a Personal Finance workshop and learn how to engage and motivate students to win virtual stock market team competitions. You will be introduced to a virtual stock market game and online financial educators' tools. Using rigorous and relevant content, your students will be prepared to tackle the National Financial Challenge Exam and to shoot for a score in the top 10-20% of the 80,000 students who complete the exam nationwide. Instructional planning aligns with the Department of the Treasury's core financial competencies—Borrowing, Earnings, Savings, Spending, and Protection.

Presenter: **Holly Laird**, Leesville Road High School

Location: Guilford F

### 1:30 p.m. - 3:00 p.m. Apparel Prodigy: Linking Apparel to the 21st Century

Apparel Prodigy "Another level in Fashion" is the theme students used for their product development to create a prototype, inspired collection line for their 2012 show. Participants in this session will learn how students were able to express their individuality by the way they dress, present, and develop into prodigy designers-emerging, intermediate, and prodigy designers. Apparel pieces made were modeled by students in the Annual CHS Fashion Show and NC State University, College of Textiles Fashion Week.

Presenter: **Troy Anderson**, FACS Teacher, Clayton High School

Location: Morehead

### 1:30 p.m. - 3:00 p.m. Assessment Techniques: Using Data to Drive Instruction in the FACS Classroom

The "Assessment Techniques" presentation contains formative assessment techniques that are ideal for FACS courses. Activities will involve the definition, purposes, and types of assessment that can be used in any CTE classroom. A PowerPoint presentation will be presented that will expose participants to strategies that can be used in the classroom to "Make Learning Fun." Participants will receive several reproducible activities that they can utilize in their classrooms.

Presenter: **Pamela Callahan**, FACS Teacher, Triton High School

Location: Cedar C

### 1:30 p.m. - 3:00 p.m. Food Science: Got FACS?

This session will address current information on food safety, sanitation, and food science. Participants will improve their understanding of fundamental chemistry of foods components including proteins, carbohydrates, fats, and microbiology. Get some ideas and teaching strategies you can use in any curriculum to teach science.

Presenter: **Salam Ibrahim, Ph.D.**, North Carolina A&T State University

Location: Cedar C

### 1:30 p.m. - 3:00 p.m. Inquiry-based Learning Using Prezi and Voki

Prezi and Voki are two web 2.0 tools that can be used in any classroom as the results of inquiry-based learning. The presenters will model the use of these two tools from an educator's perspective for delivery to the student's discovery. Participants will leave with an example of both tools that have been created during the program for immediate use in the classroom.

Presenters: **Jill Cohen**, Instructional Facilitator/STEM Coordinator, Perquimans County High School

**Sue Way**, FACS Teacher, East Carteret High School

Location: Oak B

**Wednesday, July 25, 2012**

**1:30 p.m. - 3:00 p.m. Interior Design Project-based Learning using Technology**

This session will demonstrate methods for teaching interior design using problem-based learning and technology. Participants will receive a sample CD loaded with project rubrics, student work examples, and tools for use in teaching the ID standards using technology. Compiled from 10 years of practice in the field, the content presented in this session is based upon the concept of high expectations and differentiated instruction.

Presenter: **Beryl Thornton**, FACS Teacher, SAGE Academy

Location: Blandwood

**1:30 p.m. - 3:00 p.m. Let's Talk About Infancy! Understanding and Teaching Infant Child Development**

This session will provide an overview of infant development from conception to age one across the physical, cognitive, language, and social-emotional domains within a culturally responsive context. Innovative and practical ways to teach infant development in FACS courses will be discussed.

Presenter: **Valerie Jarvis McMillan, Ph.D.**, Associate Professor, North Carolina A&T State University

Location: Oak C

**1:30 p.m. - 3:00 p.m. Seasonal Eats!**

A Johnson & Wales Culinary Demonstrator will be presenting a low cost lab using "School Year Seasonal" ingredients. Hands-on and curriculum-based activities will be modeled throughout the session.

Presenter: **Charlotte Gilchrist**, Johnson & Wales University

Location: Oak A

**1:30 p.m. - 3:00 p.m. Summer into Spring Rolls! Wait a Minute...Strike that...Reverse it!**

Get hands on with a Johnson & Wales Culinary Demonstrator as they present a low cost lab that will include many curriculum-based speaking points and techniques.

Presenter: **Robert Penry**, Johnson & Wales University

Location: Cedar A

**2:00 p.m. - 3:00 p.m. EverFi Online Personal Financial Literacy Program**

EverFi's online financial literacy program is a 6 hour, web-based program that uses the latest technology to help North Carolina teachers teach, assess, and certify students in more than 600 topics in personal finance. The program is available at no cost to public high schools in North Carolina thanks to EverFi's public-private partnerships with organizations including BB&T, Genworth Financial, and American National Bank & Trust.

Presenter: **Evan Willingham**, EverFi, Inc.

Location: Guilford A

**2:00 p.m. - 3:00 p.m. What's Better Than Free? The Sequel**

Didn't get enough free resources last summer? Then this is your workshop! We've added more free resources and aligned them with more BFIT courses.

Presenters: **Julie Pennington**, Leesville Road High School

**Kelly Caudill**, Leesville Road High School

Location: Guilford D

**3:15 p.m. - 4:15 p.m. The EASY Way to Teach the Basics of Saving & Investing**

Free and Ready-to-Go curriculum from the NC Secretary of State's Securities Division: The Basics of Saving and Investing. Units include: Getting Started, Introduction to Financial Markets, Making a Financial/Investment Plan, and Investment Fraud. Each unit contains learning objectives, suggested activities, overheads, handouts, and worksheets, plus tests covering each unit. Just open the wrapper on this comprehensive, FREE tool for great personal financial literacy! Free appendix included!

Presenter: **Barbara Bennett**, NC Secretary of State, Securities Division

Location: Guilford F

## Family and Consumer Sciences Education

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**Wednesday, July 25, 2012**

**3:30 p.m. - 5:00 p.m. Early Childhood Theories: Applying and Practicing Research at Work and Play**

This session will provide participants with grounding information on major theorists, followed by engaging activities designed for participants to engage in the learning process, and conclude with practical tools for teaching theories to high school students.

Presenter: **Meeshay Williams-Wheeler, Ph.D.**, Assistant Professor, North Carolina A&T State University

Location: Cedar A

**3:30 p.m. - 5:00 p.m. Sustainability, LEED, and Going Green with Interiors**

Participants will have an opportunity to explore current sustainability technologies and their impact on the environment and housing.

Presenter: **Laura Lauffer**, Sustainability Coordinator and Lead Instructor, Central Carolina Community College

Location: Oak A

**3:30 p.m. - 5:00 p.m. Culinary Essentials using Culinary Math Techniques**

Participants will explore the latest edition of Culinary Essentials and learn strategies to teach numeracy in Culinary and Foods classes.

Presenter: **Rick Pearl**, FACS Teachers, Harnett Central High School

Location: Oak C

**3:30 p.m. - 5:00 p.m. Fun Science! Lab Ideas for Foods II Technology (Repeat Session)**

This session will provide participants with a tool kit for teaching Foods II Technology. Participants will receive examples of simple labs that are easy to complete during a 90-minute class session and learn the dos and don'ts for teaching Foods II Technology from an experienced teacher.

Presenter: **Amy White**, FACS Teacher, North Buncombe High School

Location: Cedar B

**7:00 p.m. - 9:00 p.m. ServSafe® Training (part 4 of 4) (Preregistration Required)**

The ServSafe® credentialing exam will be given to preconference training participants. Be sure to bring two #2 pencils for test taking.

Presenters: **Angela Fraser, Ph.D.**, Associate Professor, Clemson University

Location: Pebble Beach

**7:30 p.m. - 9:30 p.m. Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

**Thursday, July 26, 2012**

**8:00 a.m. - 9:00 a.m. FEFE: An Instructional Blueprint for Personal Finance— Why Reinvent the Wheel? (Preregistration Required)**

Don't waste your valuable planning time creating lesson plans for teaching Personal Finance—FEFE lessons have been adapted for each unit of the Personal Finance 8726 course. Educators teaching this course may download the lesson plans from the FEFE website at no cost. The course blueprint and flow of instruction may be found in the PF 8726 Curriculum Guide. This is a Revised Bloom's Taxonomy (RBT) curriculum guide containing unpacked content, instructional activities and materials, key terms, and prototype assessment items. The FEFE lessons are an essential component of the instructional materials and help ensure that students build understanding of personal finance knowledge and skills and are well prepared for the postassessment. To expedite and make full use of the allotted time, please register for an account three days in advance. [fefe.arizona.edu/user/register](http://fefe.arizona.edu/user/register)

Presenter: **Kathryn Cox**, William G. Enloe Magnet High School

Location: Guilford E

**8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**8:30 a.m. - 10:00 a.m. Fabali: A Global Perspective on the Fashion and Marketing Industry**

Mr. George Scott, entrepreneur and community servant will share current industry trends related fashion, entrepreneurship, and industry practices.

Presenter: **George Scott**, Owner, Fabali

Location: Cedar B

**8:30 a.m. - 10:00 a.m. FACS Careers and Programming for Teen Living**

Teen Living and Exploring Life Skills teachers will learn valuable tools for connecting their courses to their feeder high school FACS programs and methods for promoting FACS Careers.

Presenter: **Dion Duke**, Career Development Coordinator, Union County Public Schools

Location: Cedar C

**8:30 a.m. - 10:00 a.m. Foods II Enterprise: Implementing the Roadmap**

Participants will be provided with resources for teaching the new Foods II Enterprise Roadmap to Food Entrepreneurship unit. Pilot teachers will share their experiences with the revised Foods II Enterprise course.

Presenter: **Shannon Braxton**, FACS Teacher, Orange High School  
**Katonia Ford**, FACS Teacher, Knightdale High School

Location: Auditorium I

**8:30 a.m. - 10:00 a.m. Leadership Online: Navigating the FCCLA Online Process**

This session will provide participants with the information needed to successfully utilize the FCCLA online process for conducting FCCLA business and membership activities. We're going to Indirect National Registration for FCCLA Affiliation, come to this workshop to learn how to register your students for National Affiliation and also how to register them for State Conference. We're also going to visit the National FCCLA website to see the many resources we have at our fingertips for FCCLA activities and information.

Presenter: **Bonnie Stanley**, Retired FACS Teacher and FCCLA Advisor

Location: Colony A

## Family and Consumer Sciences Education

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**Thursday, July 26, 2012**

**8:30 a.m. - 10:00 a.m. National Board Certified Teaching Credentialing for FACS Teachers**

This session will focus on the National Board Teaching Standards and provide participants with an in-depth knowledge of the NBCT process and tips for earning the certification.

Presenter: **Sherry Williams**, FACS Education Consultant, NCDPI

Location: Oak C

**8:30 a.m. - 10:00 a.m. Not the Same Old, Same Old**

Thirty kids just walked into your classroom, each with different abilities, interests, and goals. We will look at reasons for differentiating for your students, strategies to use, and management techniques to help you maintain your sanity. Differentiation is a great way to keep your students engaged and interested!

Presenter: **Joni Amerson**, Leesville Road High School, Raleigh

Location: Auditorium II

**8:30 a.m. - 10:00 a.m. Reaching All Students: Using Web 2.0 Tools to Enhance Student Achievement**

Many educators are just beginning to explore the true potential technology offers for teaching and learning. When properly used, technology will help students acquire the skills they need to survive in a complex, highly technological knowledge-based economy. This session will explore ways educators can integrate technology to meet curricular goals.

Presenter: **David Robinson**, NBCT, Leesville Road High School

Location: Cedar A

**8:30 a.m. - 10:00 a.m. Yeast Breads: Rising Above Low Scores to Make Dough Later in Life**

This presentation demonstrates the mixing of yeast dough using the straight-dough method. Teachers will see various modifications of this dough used to make other baked goods. This activity is designed to fit a 90-minute or 50-minute class.

Presenter: **Jormeka Carter**, East Chapel Hill High School

Location: Oak B

**9:15 a.m. - 10:15 a.m. Hands on Banking: Everything You Need to Teach Personal Finance. (High School Session)**

Hands on Banking (HOB) consists of two parts—an interactive online curriculum that students can do at their own pace and a series of in-classroom lessons. This workshop will show you how to access and use HOB, and provide you with all the resources you need to get started. HOB has sections for adults, high schoolers, middle schoolers, and elementary students. This session will focus on high school.

Presenter: **Stephen Day**, NC Council on Economic Education

Location: Guilford D

**10:30 a.m. - noon Fun Science! Lab Ideas for Foods II Technology (Repeat Session)**

This session will provide participants with a tool kit for teaching Foods II Technology. Participants will receive examples of simple labs that are easy to complete during a 90-minute class session and learn the dos and don'ts for teaching Foods II Technology from an experienced teacher.

Presenter: **Amy White**, FACS Teacher, North Buncombe High School

Location: Cedar A

**10:30 a.m. - noon Maximizing Student Engagement via North Carolina Cooperative Extension FCS/4-H Resources**

Participants will have an opportunity to learn about resources available for instruction, work-based learning, and CTSOs via North Carolina Cooperative Extension Family and Consumer Sciences Agents.

Presenters: **Yvonne Mullen**, North Carolina Cooperative Extension

**Shelia Dalco**, North Carolina Cooperative Extension

**Sonya Patterson**, North Carolina Cooperative Extension

**Rachel Monteverdi**, North Carolina Cooperative Extension

**Deborah Womack**, North Carolina Cooperative Extension

Location: Oak B

**Thursday, July 26, 2012**

**10:30 a.m. - noon Middle School Round Table Discussions**

This session will provide participants with ideas and resources for connecting middle school FACS programs to feeder high school programs. Additionally, participants will learn ways to use web 2.0 tools to differentiate instruction for middle school students.

Presenter: **Ebony McAllister**, FACS Teacher, Spring Lake Middle School  
**Ashley Whitesides**, FACS Teacher, Bunn High School  
**Nicole Mas**, FACS Teacher, North Garner Middle School

Location: Cedar B

**10:30 a.m. - 11:30 a.m. Peer Aggression: An Eye-Opening Response to the Intensifying Cyber-Cruelty of Children to One Another**

Slip on your lab coat and step into the examination room as we investigate the various “pathologies” of peer aggression. As adult mentors, our first responsibility must be to understand the brain, behavior and social context interactions associated with cyberbullying in order to design effective interventions. Without this deeper understanding, we are poorly equipped to serve as “guides on the side” in a digital world. Participants will gain access to free online multimedia resources, eBooks, and legal information, along with an engaging collection of web sites featuring simulations, games, strategies, video galleries, and some very cool tools.

Presenter: **Donna Sawyer**, Instructional Technology Consultant

Location: Guilford A

**10:30 a.m. - 11:30 a.m. The Stock Market Game: The Original Interactive Investment Game**

The Stock Market Game has been used by thousands of teachers and tens of thousands of students each year for several decades. It has always been popular with students, but it is only recently that it has been shown to boost test scores in personal finance, economics, and even math! Come see what the big deal is! This session will show you how to use SMG curriculum in the classroom, and how to get started with the game. For grades 4-12.

Presenter: **Stephen Day**, NC Council on Economic Education

Location: Guilford D

**10:30 a.m. - 11:30 a.m. Using Formative Assessment in the Classroom**

If you’ve completed the NC Falcon modules on formative assessment and need help implementing the strategies, this workshop is for you! Come learn how to create and use a formative assessment plan in the classroom.

Presenters: **Donna W. Hall**, Hickory High School  
**Carmella Fair**, NC FALCON Coordinator, NCDPI

Location: Guilford E

**1:00 p.m. - 3:00 p.m. FEFE: An Instructional Blueprint for Personal Finance—Why Reinvent the Wheel? (Preregistration Required)**

Don’t waste your valuable planning time creating lesson plans for teaching Personal Finance - FEFE lessons have been adapted for each unit of the Personal Finance 8726 course. Educators teaching this course may download the lesson plans from the FEFE website at no cost. The course blueprint and flow of instruction may be found in the PF 8726 Curriculum Guide. This is a Revised Bloom’s Taxonomy (RBT) curriculum guide containing unpacked content, instructional activities and materials, key terms, and prototype assessment items. The FEFE lessons are an essential component of the instructional materials and help ensure that students build understanding of personal finance knowledge and skills and are well prepared for the postassessment. To expedite and make full use of the allotted time, please register for an account three days in advance.  
[fefe.arizona.edu/user/register](http://fefe.arizona.edu/user/register)

Presenter: **Kathryn Cox**, William G. Enloe Magnet High School

Location: Colony A

# Family and Consumer Sciences Education

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**Thursday, July 26, 2012**

**1:30 p.m. - 3:00 p.m. FCCLA Membership and Sustainability**

This session will take place in a computer lab and provide participants with extensive knowledge and ideas for chartering, growing, and maintaining a FCCLA Chapter within your FACS program. Participants will review the link between FCCLA and FACS curriculum and learn creative ways for marketing their FACS program.

Presenter: **Reno Palombit**, FCCLA Advisor, FACS Teacher, Former FCCLA State and National Officer, Leesville Road High School  
**Nicole Mas**, FCCLA Adviser, FACS Teacher, Former FCCLA State and National Officer, North Garner Middle School

Location: Augusta B

**1:30 p.m. - 3:00 p.m. Not Just Desserts: Adapting Cakes, Fillings, and Frosting to Have a Sweet Success**

A hands-on demonstration of basic cake finishing from fillings to frosting. Participants should bring with them, cup cakes, pastry bags, tips, straight-edge spatula, and offset spatula. Colorings will be provided.

Presenters: **Michael Holman**, East Chapel Hill High School  
**Erica Hoskins**, Apex High School

Location: Victoria C

**1:30 p.m. - 3:00 p.m. Textile Renovations: Adaptations and Alterations**

What if we had all the sewing resources we wanted in our classrooms? Do you think it would make a significant difference? Well join us in “turning our hands together to create fashion” in our Apparel I classes. Let’s together learn how to renovate 5x pants to our respective sizes in adaptations and alterations. Feel free to put your creativity to action with our mini fashion center. Participants will receive free materials to replicate this activity with their students.

Presenters: **Troy Anderson**, FACS Teacher, Clayton High School  
**Gloria Fritts**, FACS Teacher, Clayton High School

Location: Cedar B

**1:30 p.m. - 3:00 p.m. What Daycares Want from Interns and an Overview of Sustainable Early Learning Centers**

This session will focus on what daycare centers are looking for from interns. We will take a look at the curriculum and add what centers are wanting. We will also take a look at our philosophy of seed to table learning at our learning center. Participants will learn how to build and sustain partnerships with childcare facilities.

Presenter: **Beth Lake**, First Environments Early Learning Center

Location: Victoria B

**2:00 p.m. - 3:00 p.m. The 21st Century Classroom**

This session will outline the financial impacts of the global economy on today’s Business, Finance, and Information Technology Education classrooms. Cutting-edge strategies will be shared to help prepare students to navigate their future as effective digital citizens and life-long learners.

Presenter: **Dr. Mark Snyder**, Elon University

Location: Guilford F



# Health Science Education



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|--|--------------|
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| <b>Daniel R. Smith, Ed.D.</b> , Section Chief, <a href="mailto:Daniel.Smith@dpi.nc.gov">Daniel.Smith@dpi.nc.gov</a>        | 919.807.3816 |

### Sunday, July 22, 2012

**3:00 p.m. - 6:00 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (Preregistration Required)**

New teachers will complete Unit D: Professional Linkages in the Learning Community from NCDPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

**6:00 p.m. - 7:00 p.m. 40 Hour Induction Program: Module IV—Health Science Education (Preregistration Required)**

In this session, the new teachers will meet representatives from the North Carolina Health Science Education Teachers Association. Come learn what the valuable organization does for YOU!

Presenters: **Joan Thompson, R.N., B.S.N., M.A.Ed.**, Health Science Education Consultant, NCDPI

**Cecilia McBryde, R.N., A.D.N., B.A., M.S., NBCT**, Health Science Education Consultant, NCDPI

**Judy Wilson, R.N.**, NCHSETA President

Location: Blue Ashe

### Monday, July 23, 2012

**8:30 a.m. - 2:45 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (continued) (Preregistration Required)**

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

**5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

### Tuesday, July 24, 2012

**8:00 a.m. - 1:30 p.m. Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

**8:00 a.m. - 10:00 a.m. Nurse Aide Update I**

NNAAP competency skills have undergone revisions by The National Council of State Boards of Nursing. These skills will go into effect January 2013. NNAAP skills that received the most revisions will be demonstrated, and participants will have an opportunity to engage in the skills.

Presenter: **Agnes Moore, R.N., B.S.N., NBCT**, Nurse Aide Training Consultant, NCDPI

Location: Victoria A

## Health Science Education

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**Tuesday, July 24, 2012**

**10:30 a.m. - noon**

### **Nurse Aide Update II**

An overview of NNAAP skill revisions will continue in this session. Other updates related to nurse aide training include information about criminal background checks, drug screenings, teaching students with special needs, and the Public Health Fundamentals and Fundamentals of Gerontology pilots. Representatives from Division of Health Service Regulation, PearsonVUE, and NACES will provide information integral to nurse aide training.

Presenters: **Agnes Moore, R.N., B.S.N., NBCT**, Nurse Aide Training Consultant, NCDPI  
**Kathy Turner, R.N., B.S.N.**  
**Kris Winning, R.N., M.S.N.**

Location: Victoria A

**1:30 p.m. - 3:00 p.m.**

### **CTE Summer Conference—General Opening Session**

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President  
**June St. Clair Atkinson, Ed.D.**, State Superintendent  
**Janet Cowell**, State Treasurer  
**CTSO Officers**

Location: Guilford ABC

**3:30 p.m. - 5:30 p.m.**

### **Health Science Education Opening Session**

Welcome to Health Science Education! Join us as we embark on a new beginning. Get general conference information and hear from a leading authority regarding the future of healthcare. This session will focus on the changing needs of our communities and how public health must conform to meet those needs. Let's celebrate being HSEs!

Presenters: **Joan Thompson, R.N., B.S.N., M.A.Ed.**, Health Science Education Consultant, NCDPI  
**Michelle White, R.N., B.S.N., M.S.N.**, Clinical Faculty UNC CH School of Nursing  
**Cecilia McBryde, R.N., A.D.N., B.A., M.S., NBCT**, Health Science Education Consultant, NCDPI  
**Agnes Moore, R.N., B.S.N., NBCT**, Nurse Aide Training Consultant, NCDPI  
**Edith Stewart, R.N.**, NC HOSA State Advisor

Location: Victoria A

**5:00 p.m. - 8:00 p.m.**

### **Third Floor Exhibitors' Showcase and Studio Presentations**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

**5:30 p.m. - 6:30 p.m.**

### **NCHSETA Business Meeting**

Come! Join the North Carolina Health Science Education Teachers' Association. Come to our business meeting to learn what NCHSETA does for its members. Elect new officers and support the organization that supports HSE teachers.

Presenter: **Judy Wilson, R.N., B.S.N., M.P.H., NBCT**, NCHSETA President, Swain County

Location: Victoria A

**Wednesday, July 25, 2012**

**7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**8:00 a.m. - 9:00 a.m. Career Management Is Fun!**

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

**8:30 a.m. - 10:00 a.m. Completing the Nurse Aide Application**

Get hands-on instruction in completing the 2012 Nurse Aide application and using an Excel spreadsheet. All nurse aide training program applications must be submitted using Excel. Get the latest scoop on the NAT Moodle and how to use it!

Presenter: **Agnes Moore, R.N., B.S.N., NBCT**, Nurse Aide Training Consultant, NCDPI

Location: Colony C

**8:30 a.m. - 10:00 a.m. Feed & Clean the Body: Hands-On Body Systems I**

Participants will build the components of the cardiovascular, respiratory, renal, and lymph to show how these systems work together to feed and clean tissues in order to maintain homeostasis. Other hands-on activities that help to increase student understanding of difficult material and apply pathology will be experienced by participants. Affordable lessons that are successful in the classroom!

Presenter: **Starla Ewan, M.S.**, Science Teacher, Estacado High School, Lubbock, Texas

Location: Biltmore AB

**8:30 a.m. - 10:00 a.m. Food Science: It's Science You Can Eat!**

Food is culture, history, and science all in one. Food science combines many disciplines including chemistry, microbiology, and engineering to process and preserve the foods we eat every day. This presentation demonstrates how food can be used in fun and interesting ways to engage

students in the STEM disciplines.

Presenters: **Keith Harris, Ph.D.**, Assistant Professor, North Carolina State University

**Clint Stevenson, Ph.D.**, Assistant Professor, North Carolina State University

Location: Cedar B

**8:30 a.m. - 10:00 a.m. Implementing the National Healthcare Foundation Standards**

In this session you will be introduced to Health Science I. Get to see the curriculum and explore its pages. You will get an update on Health Science II, learn what the field test data revealed, and begin your plans for 2012-13. Come see how the National Healthcare Foundation Standards are addressed in HSI and HSII.

Presenter: **Joan Thompson, R.N., B.S.N., M.A.Ed.**, Health Science Education Consultant, NCDPI

Location: Blue Ashe

# Health Science Education

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**Wednesday, July 25, 2012**

**8:30 a.m. - 10:00 a.m. ServSafe® 6e Updates and Industry Practices for Food Safety and Sanitation**

The ServSafe® 6th Edition contains the latest FDA Food Code updates and is based on a new job task analysis developed exclusively by industry experts. This session will highlight the major changes to ServSafe® and provide information on current industry practices related to food safety and sanitation.

Presenter: **Angela Fraser, Ph.D.**, Associate Professor, Clemson University

Location: Oak A

**8:30 a.m. - 10:00 a.m. Welcome to Health Science Education (Repeat Session)**

This session is to prepare the provisionally licensed teacher to become an effective teacher using a variety of strategies for Health Science Education. It is designed for the provisionally licensed HSE teacher who has been teaching less than 2 full years.

Presenter: **Elaine Rabon, R.N., F.N.P.**, Health Science Education Teacher, Retired

Location: Pebble Beach

**10:00 a.m. - noon Every Kind of People (Repeat Session) (Preregistration Required)**

According to Sigmund Boloz, “we must merge our traditional sense of schooling with the real world. What we do in school must not insult the child’s past but must build upon his past and encourage future learning.” Every Kind of People explores diversity awareness and its impact on teaching and learning. This interactive session delves into the dimensions of diversity and cultural proficiency using music, video, and a variety of diversity activities. Opportunities are given to share ideas in a safe environment and dialogue on the value of diversity awareness in relationship to student success.

Presenter: **Joanne Lucas, B.S., M.S.**, Education Consultant, Virginia Beach, Va

Location: Augusta A

**10:30 a.m. - noon Biotechnology Partners in Franklin County**

BioTech Partners in Franklin County serves to invigorate and supplement interest in Biotechnology at the secondary level and post-secondary level. They provide work-based learning opportunities for students at Novozymes North America, Inc. Best practices will be shared forming partnerships with the Community College, economic development commission and with the business community. Learn his process for acquiring a biotechnology grant from a local pharmaceutical company, earning statewide acclaim.

Presenter: **Winn Clayton, B.S.** Science Education, Biomedical Technology Teacher, Franklinton High School

Location: Blue Ashe

**10:30 a.m. - noon Guts-R-Us: Hands-On Body Systems II**

Participants will build the gastrointestinal systems with liver and pancreas. Along with these major “gut” organs, urinary and reproductive organs will be added! Affordable lessons that work in the classroom.

Presenter: **Starla Ewan, M.S.**, Science Teacher, Estacado High School, Lubbock, Texas

Location: Biltmore AB

**10:30 a.m. - noon Welcome to New Teachers (Repeat Session)**

This session is to prepare the provisionally licensed teacher to become an effective teacher using a variety of strategies for Health Science Education. It is designed for the provisionally licensed HSE teacher who has been teaching less than 2 full years.

Presenter: **Elaine Rabon, R.N., F.N.P.**, Health Science Education Teacher, Retired

Location: Pebble Beach

**Wednesday, July 25, 2012**

**1:00 p.m. - 3:00 p.m. Every Kind of People (Repeat Session) (Preregistration Required)**

According to Sigmund Boloz, “we must merge our traditional sense of schooling with the real world. What we do in school must not insult the child’s past but must build upon his past and encourage future learning.” Every Kind of People explores diversity awareness and its impact on teaching and learning. This interactive session delves into the dimensions of diversity and cultural proficiency using music, video, and a variety of diversity activities. Opportunities are given to share ideas in a safe environment and dialogue on the value of diversity awareness in relationship to student success.

Presenter: **Joanne Lucas, B.S., M.S.**, Education Consultant, Virginia Beach, Va.

Location: Augusta A

**1:30 p.m. - 3:00 p.m. Classroom Management with HOSA**

Do you sometimes find your classroom out of control? This session offers tips and strategies using HOSA competitive events that can help you manage your classroom. Learn how to inspire student leadership, responsibility, and teamwork while improving communication skills.

Presenter: **Edith Stewart, R.N.**, NC HOSA State Advisor

Location: Pebble Beach

**1:30 p.m. - 3:00 p.m. Continuing Competence**

This presentation is for all registered nurses with an active license in NC. It provides an overview and update of the NC Board of Nursing Continuing Competence requirements. The NC Board of Nursing will present the contact hours for this session. Please print the handouts and the PowerPoint presentation (three slides/notes per page). Bring these handouts to the session. No handouts will be distributed at the session.

Presenter: **Joyce Winstead, R.N., M.S.N.**, North Carolina Board of Nursing

Location: Victoria BC

**1:30 p.m. - 3:00 p.m. Ready, Set, Teach! (Repeat Session)**

Receive great steps to execute and insure a successful first day, first week, and year of school. Learn to keep the power from the first moment students walk into your room, eliminate most discipline problems and classroom distractions, and create a fun, respectful learning atmosphere. Discipline at the Door, Keeping small problems small, Walk the Talk, and other great teaching strategies will be presented to empower you to control your classroom without yelling and screaming, and to help you build positive relationships with students that guides them to be successful in your program.

Presenter: **Starla Ewan, M.S.**, Science Teacher, Estacado High School, Lubbock, Texas

Location: Blue Ashe

**3:30 p.m. - 5:00 p.m. District 1 PALC Meeting**

All HSE teachers are encouraged to attend their district PALC meeting. Items to be addressed include election of PALC officers and planning of district activities. Meet your new state HOSA officer.

District 1: Beaufort, Bertie, Camden, Currituck, Dare, Edenton-Chowan, Elizabeth City/Pasquotank, Gates, Hertford, Hyde, Martin, Perquimans, Pitt, Tyrrell, Washington

Presenter: **Linda West, R.N.**, Health Science Teacher, Plymouth High School

Location: Colony C

**3:30 p.m. - 5:00 p.m. District 2 PALC Meeting**

All HSE teachers are encouraged to attend their district PALC meeting. Items to be addressed include election of PALC officers and planning of district activities. Meet your new state HOSA officer.

District 2: Brunswick, Carteret, Clinton City, Craven, Duplin, Greene, Jones, Lenoir, New Hanover, Onslow, Pamlico, Pender, Sampson, Wayne

Presenter: **Leslie Dick, R.N.**, PALC Chair, Health Science Teacher, Swansboro High School

Location: Victoria BC

## Health Science Education

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**Wednesday, July 25, 2012**

### **3:30 p.m. - 5:00 p.m. District 3 PALC Meeting**

All HSE teachers are encouraged to attend their district PALC meeting. Items to be addressed include election of PALC officers and planning of district activities. Meet your new state HOSA officer.

District 3: Durham, Edgecombe, Franklin, Granville, Halifax, Johnston, Nash, Northampton, Roanoke Rapids, Vance, Wake, Warren, Weldon City, Wilson

Presenter: **Winn Clayton**, PALC Chair, Biomedical Technology Teacher, Franklinton High School

Location: Blue Ashe

### **3:30 p.m. - 5:00 p.m. District 4 PALC Meeting**

All HSE teachers are encouraged to attend their district PALC meeting. Items to be addressed include election of PALC officers and planning of district activities. Meet your new state HOSA officer.

District 4: Bladen, Columbus, Cumberland, Harnett, Hoke, Lee, Montgomery, Moore, Richmond, Robeson, Scotland, Whiteville City

Presenter: **Michelle Quinn**, PALC Chair

Location: Pebble Beach

### **3:30 p.m. - 5:00 p.m. District 5 PALC Meeting**

All HSE teachers are encouraged to attend their district PALC meeting. Items to be addressed include election of PALC officers and planning of district activities. Meet your new state HOSA officer.

District 5: Alamance, Asheboro City, Caswell, Chapel Hill City, Chatham, Davidson, Forsyth, Guilford, Lexington City, Orange, Person, Randolph, Rockingham, Stokes, Thomasville

Presenter: PALC Chair

Location: Imperial E

### **3:30 p.m. - 5:00 p.m. District 6 PALC Meeting**

All HSE teachers are encouraged to attend their district PALC meeting. Items to be addressed include election of PALC officers and planning of district activities. Meet your new state HOSA officer.

District 6: Anson, Cabarrus, Cleveland, Gaston, Lincoln, Kannapolis City, Mecklenburg, Stanly, Union

Presenter: PALC Chair

Location: Imperial F

### **3:30 p.m. - 5:00 p.m. District 7 PALC Meeting**

All HSE teachers are encouraged to attend their district PALC meeting. Items to be addressed include election of PALC officers and planning of district activities. Meet your new state HOSA officer.

District 7: Alexander, Alleghany, Ashe, Avery, Burke, Caldwell, Catawba, Davie, Elkin City, Hickory City, Mooresville City, Newton-Conover, Iredell, Mt. Airy, Rowan, Surry, Watauga, Wilkes, Yadkin

Presenter: PALC Chair

Location: Imperial G

### Wednesday, July 25, 2012

#### 3:30 p.m. - 5:00 p.m. **District 8 PALC Meeting**

All HSE teachers are encouraged to attend their district PALC meeting. Items to be addressed include election of PALC officers and planning of district activities. Meet your new state HOSA officer.

District 8: Asheville City, Buncombe, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Rutherford, Swain, Transylvania, Yancey

Presenter: **Judy Wilson**, PALC Chair, Swain County

Location: Imperial H

#### 7:30 p.m. - 9:30 p.m. **Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

### Thursday, July 26, 2012

#### 8:00 a.m. - 1:00 p.m. **Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

#### 8:30 a.m. - 10:00 a.m. **Health Science Education Update**

The Health Science Education celebration continues! We will have our HSE Update, celebrate teacher successes, and reflect a bit on the year passed. Come prepared to share a tidbit of your HOE history!

Presenters: **Joan Thompson, R.N., B.S.N., M.A.Ed.**, Health Science Education Consultant, NCDPI

**Cecilia McBryde, R.N., A.D.N., B.A., M.A.**, NBCT, Health Science Education Consultant, NCDPI

**Agnes Moore, R.N., B.S.N., NBCT**, Nurse Aide Training Consultant, NCDPI

**Edith Stewart, R.N.**, NC HOSA State Advisor

Location: Blue Ashe

#### 10:30 a.m. - noon **From Pharmacy Technician to Medical Doctor**

The PassAssured Pharmacy Technician Training Program (PTTP) not only provides the opportunity for national certification of pharmacy technicians, but it also provides a valuable program for future registered nurses, pharmacists, medical technicians, and medical doctors. All medical professionals need a knowledge of drugs and medications, and the PTTP provides a pharmacy technician career option or a basic foundation for other medical careers. Teachers will learn how to create, facilitate, and monitor an on-line pharmacy technician class.

Presenter: **Nick Milasnovich, B.S., M.Ed.**, National Sales Manager for PassAssured

Location: Pebble Beach



# Health Science Education

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**Thursday, July 26, 2012**

**10:30 a.m. - noon      Questions Every HSE Teacher Should Answer**

Are you sure that you know how to protect yourself in today's challenging teaching environment? This session will cover topics such as social media, email, photographs/videos, professional associations, malpractice coverage, privacy rights, supervision, bullying, sexual harassment, field trips, traveling, and testing ethics. Please bring questions regarding any situation and get some answers.

Presenter: **Dianne Wall, R.N., B.S.N., M.S.N., J.D., NBCT**, Health Science Teacher, Hoke County High School

Location: Auditorium IV

**10:30 a.m. - noon      Ready, Set, Teach! (Repeat Session)**

Receive great steps to execute and insure a successful first day, first week, and year of school. Learn to keep the power from the first moment students walk into your room, eliminate most discipline problems and classroom distractions, and create a fun, respectful learning atmosphere. Discipline at the Door, Keeping small problems small, Walk the Talk, and other great teaching strategies will be presented to empower you to control your classroom without yelling and screaming, and to help you build positive relationships with students that guides them to be successful in your program.

Presenter: **Starla Ewan, M.S.**, Science Teacher, Estacado High School, Lubbock, Texas

Location: Blue Ashe

**1:00 p.m. - 3:00 p.m.      HSE Roundtables**

Are you looking for new ways to teach Health Occupations Education concepts? This session continues to be one of the most highly rated sessions during Summer Conference. Participants will rotate around the tables to learn new classroom tips and strategies from teachers and industry representatives as they share their expertise. You will not want to miss this! Refer to your list of presenters and follow the footsteps!

Presenters: Health Occupations Education Instructors / Industry Representatives

Location: Guilford B



# Instructional Management

**Margaret Harris**, Instructional Management, [Margaret.Harris@dpi.nc.gov](mailto:Margaret.Harris@dpi.nc.gov)

919.807.3906

**Helaina Hinson**, Program Assistant, [Helaina.Burton@dpi.nc.gov](mailto:Helaina.Burton@dpi.nc.gov)

919.807.3878

**Felicia Gray-Watson**, Section Chief, [Felicia.GrayWatson@dpi.nc.gov](mailto:Felicia.GrayWatson@dpi.nc.gov)

919.807.3892

**Monday, July 23, 2012**

**10:00 a.m. - noon**

## **Instructional Management Opening Session**

Come see the new and improved Elements® platform that is coming! Same Elements/“New Twist”! DPI updates in Instructional Management will also be provided.

A drawing for an iPad donated by Thinkgate will be held during this session. You must be present to win.

Presenters: **Margaret Harris, Ph.D.**, Instructional Management Consultant, NCDPI  
**Thinkgate Team**

Location: Guilford C

**1:30 p.m. - 2:15 p.m.**

## **Elements® 2012 for Administrators who are IMCs Too (Repeat Session)**

A new and improved Elements® platform is coming! Join this session for an in-depth look at specific features. Areas addressed will include exploring the new interface, district, and classroom test creation and administration, and reporting.

Presenter: **Steve Gambill**, Thinkgate

Location: Cedar BC

**1:30 p.m. - 2:15 p.m.**

## **Performance Assessments/Rubrics**

Authentic, performance-based learning is a great way to make learning meaningful to students and to encourage them to be creative, innovative, and constructive. Maintain rigor and relevance in your assessment practices through effective use of rubrics in Elements®.

Presenter: **Elechia Miles**, Thinkgate

Location: Cedar A

**2:15 p.m. - 3:00 p.m.**

## **Elements® 2012 for Administrators who are IMCs Too (Repeat Session)**

A new and improved Elements® platform is coming! Join this session for an in-depth look at specific features. Areas addressed will include exploring the new interface, district and classroom test creation and administration, and reporting.

Presenter: **Steve Gambill**, Thinkgate

Location: Cedar BC

**2:15 p.m. - 3:00 p.m.**

## **Using “Clickers” With Elements®**

Attend this session to learn best practices for using hand-held devices, “clickers,” for assessment administration with Elements®. “Clicker” setup, options for administration, and viewing data will be demonstrated and discussed.

Presenter: **Elechia Miles**, Thinkgate

Location: Cedar A

**3:30 p.m. - 4:15 p.m.**

## **Best Practices Roundtables for Instructional Management (Repeat Session)**

Best practices in Instructional Management will be shared by practitioners from the field. Areas presented will include data utilization, system wide pretesting and benchmarks, system wide pacing guides, online testing, and managing accommodations among others.

Presenters: **Margaret Chase**, IMC, Wake County Schools  
**Jeff Gould**, IMC, Edgecombe County Schools  
**Sylvia Parker**, IMC, Brunswick County Schools  
**Stephen Kelly**, IMC, Cumberland County Schools  
**Ginger Stone**, IMC, Sampson County Schools

Location: Cedar A

# Instructional Management

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**Monday, July 23, 2012**

**3:30 p.m. - 4:15 p.m. Elements for Administrators who are NOT IMCs Too (Repeat Session)**

A new and improved Elements platform is coming! Join this session for a general overview of the new platform. Areas addressed will include viewing the new interface, along with a preview of test creation, and administration and reporting.

Presenter: **Elechia Miles**, Thinkgate

Location: Cedar BC

**3:30 p.m. - 4:15 p.m. Everything You've Always Wanted to Know About LCOs (Repeat Session)**

Information will be shared on the new Local Course Option application process. Be the FIRST to view the new LCOs in Elements!

Presenters: **Daniel Smith, Ph.D.**, Student Certifications and Credentialing Section Chief, NCDPI

**Bruce Sherman**, CTE Administrator, Winston Salem/Forsyth County Schools

Location: Imperial F

**3:30 p.m. - 5:00 p.m. Increasing Rigor Using Revised Bloom's Taxonomy**

Increasing rigor in CTE classes is an important goal if students are to master CTE standards and competencies. Likewise, the new Literacy Common Core State Standards, which include "Technical Studies," are at the highest levels of cognitive demand. The Revised Bloom's Taxonomy, with its six levels of cognitive complexity, is a tool to raise rigor. Participants will review the RBT levels, examine examples of assignments and assessments at different levels, and practice revising low-level assignments to make them more rigorous. This session is especially relevant because North Carolina is revising the Honors Teaching Portfolio requirements, and districts will need to revise their portfolios.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial G

**4:15 p.m. - 5:00 p.m. Best Practices Roundtables for Instructional Management (Repeat Session)**

Best practices in Instructional Management will be shared by practitioners from the field. Areas presented will include data utilization, system wide pretesting and benchmarks, system wide pacing guides, online testing, and managing accommodations among others.

Presenters: **Margaret Chase**, IMC, Wake County Schools

**Jeff Gould**, IMC, Edgecombe County Schools

**Sylvia Parker**, IMC, Brunswick County Schools

**Stephen Kelly**, IMC, Cumberland County Schools

**Ginger Stone**, IMC, Sampson County Schools

Location: Cedar A

**4:15 p.m. - 5:00 p.m. Elements for Administrators Who Are Not IMCS Too (Repeat Session)**

A new and improved Elements platform is coming! Join this session for a general overview of the new platform. Areas addressed will include viewing the new interface, along with a preview of test creation, administration, and reporting.

Presenter: **Elechia Miles**, Thinkgate

Location: Cedar BC

### **4:15 p.m. - 5:00 p.m. Everything You've Always Wanted to Know about LCOs (Repeat Session)**

Information will be shared on the new Local Course Option application process. Be the FIRST to view the new LCOs in Elements.

Presenters: **Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI  
**Bruce Sherman**, CTE Administrator, Winston Salem/Forsyth County Schools

Location: Imperial F

### **5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

## **Tuesday, July 24, 2012**

### **8:00 a.m. - 1:30 p.m. Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

### **8:15 a.m. - 10:00 a.m. Curriculum Updates for Administrators and IMCs**

This session will provide updates on curriculum issues from the CTE Division and NCDPI.

Presenters: **Jo Anne Honeycutt**, State Director of Career and Technical Education, NCDPI  
**Carol Short**, Curriculum Section Chief, NCDPI  
**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI  
**Felicia Gray-Watson**, CTE Support Services Section Chief, NCDPI

Location: Imperial D

### **10:30 a.m. - 11:45 a.m. Advisory Boards That Matter**

For many CTE program administrators and teachers, running advisory boards is simply a matter of compliance to a school or state requirement. Meetings can be routine, mundane and frankly - BORING. Meetings often become events that everyone, teachers and board members, want to get finished as quickly as possible.

But in the right hands and with the right structure and formulation, an advisory board can become the lifeblood of an energized program and a school that is well-connected and well-supported by its community.

Our presenters, experts in business-education partnerships and CTE leadership, are preparing a guide to best practices in advisory boards. During this session Brett and Hans will preview the guide, providing an overview of the guide's framework, flavored with tips, hints, and real-life applications they have collected.

Presenters: **Brett Pawlowski**, President, DeHavilland Associates  
**Hans Meeder**, President, Meeder Consulting Group  
**Marty Tobey**, Northwest Region CTE Coordinator, NCDPI

Location: Imperial D

# Instructional Management

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## Tuesday, July 24, 2012

### 1:30 p.m. - 3:00 p.m. CTE Summer Conference—General Opening Session

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President  
**June St. Clair Atkinson, Ed.D.**, State Superintendent  
**Janet Cowell**, State Treasurer  
**CTSO Officers**

Location: Guilford ABC

### 5:00 p.m. - 8:00 p.m. Third Floor Exhibitors' Showcase and Studio Presentations

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

## Wednesday, July 25, 2012

### 7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

### 7:30 p.m. - 9:30 p.m. Reception for Outgoing NCACTE President Bill Ellis

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

## Thursday, July 26, 2012

### 8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

# Marketing & Entrepreneurship Education



|  |              |
|--|--------------|
| <b>Delores P. Ali</b> , Consultant, <a href="mailto:Delores.Ali@dpi.nc.gov">Delores.Ali@dpi.nc.gov</a>                     | 919.807.3875 |
| <b>Atkins "Trey" Michael</b> , Curriculum Specialist, <a href="mailto:Trey.Michael@dpi.nc.gov">Trey.Michael@dpi.nc.gov</a> | 919.807.3877 |
| <b>Pam O'Brien</b> , DECA State Advisor, <a href="mailto:Pam.OBrien@dpi.nc.gov">Pam.OBrien@dpi.nc.gov</a>                  | 919.807.3907 |
| <b>(vacant)</b> , Program Assistant  | 919.807.3897 |
| <b>Carol Short</b> , Section Chief, <a href="mailto:Carol.Short@dpi.nc.gov">Carol.Short@dpi.nc.gov</a>                     | 919.807.3822 |

# Marketing and Entrepreneurship Education

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## Sunday, July 22, 2012

### 3:00 p.m. - 6:00 p.m. **40 Hour Induction Program: Module IV—For All CTE Program Areas (Preregistration Required)**

New teachers will complete Unit D: Professional Linkages in the Learning Community from NCDPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

## Monday, July 23, 2012

### 8:00 a.m. - 5:00 p.m. **Honors Course Portfolio Development (Preregistration Required)**

The Honors Course Policy requires teachers interested in offering honors CTE courses to develop and submit for approval to local administrators a portfolio of curriculum materials for each honors course. This portfolio is called the Honors Teaching Preparation Portfolio. The purpose of this workshop is to provide participants with the requirements and procedures for preparing the Honors Teaching Preparation Portfolio for any BFIT and MEE Honors class. Join in the networking and get ready for teaching an honors course in the fall. Register through the summer conference registration system for this preconference opportunity.

Presenter: **Helen Maness**, North Moore High School  
**Amy Singletary**, North Henderson High School

Location: Joseph's Private Dining

### 8:30 a.m. - 2:45 p.m. **40 Hour Induction Program: Module IV—For All CTE Program Areas (continued) (Preregistration Required)**

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

### 9:00 a.m. - 8:00 p.m. **Project Management I Training (part 1 of 2) (Preregistration Required)**

This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

### 2:30 p.m. - 6:30 p.m. **NC DECA Board Meeting**

The North Carolina DECA Board of Directors will plan upcoming calendar of events and review program curriculum updates.

Presenters: **Pam O'Brien**, NC DECA State Advisor  
**Kim-Marie Hall**, Chairperson  
**Delores P. Ali**, Marketing and Entrepreneurship Education Consultant, NCDPI

Location: Links

### 5:30 p.m. - 8:30 p.m. **Exhibitors' Showcase & Reception**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

### 8:00 a.m. - 1:30 p.m. **Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG



# Marketing and Entrepreneurship Education

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**Tuesday, July 24, 2012**

- 8:00 a.m. - noon**      **Marketing and Entrepreneurship Education (MEE)-Starting with a Standard and Taking Away a Lesson: EI & EII (Preregistration Required)**  
Participate in this workshop to collaborate with colleagues teaching the same course and leave with prepared lessons to use in your classroom this fall. You must register for this preconference session through the conference registration site.  
Presenters: **Alyssa English**, Teacher, Charlotte-Mecklenburg School System  
**Ashleigh Phillips**, Teacher, Pitt County School System  
Location: Blandwood
- 8:00 a.m. - noon**      **Marketing and Entrepreneurship Education (MEE)—Starting with a Standard and Taking Away a Lesson: M & MM (Preregistration Required)**  
Participate in this workshop to collaborate with colleagues teaching the same course and leave with prepared lessons to use in your classroom this fall. You must register for this preconference session through the conference registration site.  
Presenters: **Arthur Close**, Teacher, Guilford County School System  
**Tianda Gay**, Teacher, Robeson County School System  
Location: Morehead
- 8:00 a.m. - noon**      **Marketing and Entrepreneurship Education (MEE)—Starting with a Standard and Taking Away a Lesson: SEMI & SEM II (Preregistration Required)**  
Participate in this workshop to collaborate with colleagues teaching the same course and leave with prepared lessons to use in your classroom this fall. You must register for this preconference session through the conference registration site.  
Presenter: **Scott Armstrong**, Teacher, Forsyth County School System  
Location: Colony C
- 8:00 a.m. - noon**      **Project Management I Training (part 2 of 2) (Preregistration Required)**  
This is a continuation of part 1.  
Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School  
Location: Augusta AB
- 1:30 p.m. - 3:00 p.m.**      **CTE Summer Conference—General Opening Session**  
Come help kick off a great conference at the General Opening Session.  
NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson. We then present the CTSO officers and the NCACTE awards.  
Presenters: **Bill Ellis**, NCACTE President  
**June St. Clair Atkinson, Ed.D.**, State Superintendent  
**Janet Cowell**, State Treasurer  
**CTSO Officers**  
Location: Guilford ABC
- 3:30 p.m. - 5:30 p.m.**      **Marketing and Entrepreneurship Education (MEE) Opening Session**  
Be part of the change—Marketing and Entrepreneurship Education! This session will focus on the program’s major changes in curriculum delivery to be responsive to the needs of students, business and industry, and society. Take away updates on the NEW Essential Standards that will be effective fall 2012. Also, get an overview of sessions that will cover specific curriculum objectives, ways to integrate interactive devices and projects, trends from business/industry, and new curriculum. Gather tips on using your APPLY IT tool.  
Presenters: **Delores P. Ali**, Marketing and Entrepreneurship Consultant, NCDPI  
**Pam O’Brien**, NC DECA State Advisor  
**Carol Short**, Curriculum Section Chief, NCDPI  
Location: Auditorium II

## Marketing and Entrepreneurship Education

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### Tuesday, July 24, 2012

#### 5:00 p.m. - 8:00 p.m. **Third Floor Exhibitors' Showcase and Studio Presentations**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

#### 5:30 p.m. - 6:30 p.m. **North Carolina Marketing Education Association (NCMEA)**

Participate in the professional association meeting. Contribute to the planning of the upcoming calendar year, elect officers for the upcoming year, obtain association updates, and prepare to recognize the accomplishments of several colleagues.

Presenter: **Hillary Steere**, President, NCMEA

Location: Auditorium II

### Wednesday, July 25, 2012

#### 7:15 a.m. - 4:00 p.m. **Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

#### 8:00 a.m. - 9:00 a.m. **Career Management Is Fun!**

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

#### 8:00 a.m. - 9:00 a.m. **Fashion Merchandising 3.03: Identify the Types of Fashion Retailers**

Bring the Mall Maps to Life. If your students think the only merchandise sold at "Flagship Stores" are, well, flags; and "Anchor Stores" are only for boat owners, this session will provide tips to help them understand beyond the category name. Come window shop for ideas, projects, and strategies that will help students make fashion retailer categories relevant to the shopping options covered in the curriculum.

Presenter: **Foresa Coe**, Teacher, Rockingham County School System

Location: Turnberry

#### 8:00 a.m. - 9:00 a.m. **Hop on the BUS! to Entrepreneurship: The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship

**Shannon Gallagher**, NC REAL Entrepreneurship

**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

#### 8:00 a.m. - 9:00 a.m. **Looking for Ways to Integrate DECA Event Preparation Into Class?**

See an overview of Competition University, the website for DECA event preparation! See step-by-step courses for more than 30 DECA events; courses include study quizzes, practice exams, and games... which we will play, & there will be prizes! You'll see which courses have 12-week plans that will assist you in integrating DECA project work into your classes. More than 7,000 competitors were enrolled last year! CU... It's Where to Prepare!

Presenter: **Tara Richardson**, Lead Developer, Competition University

Location: Victoria B

# Marketing and Entrepreneurship Education

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**Wednesday, July 25, 2012**

**8:00 a.m. - 9:00 a.m. Strategic Marketing: Best Practices for Teaching Difficult Objectives**

Put on your boxing gloves, we're knocking out those pesky objectives that are difficult for most of our students to "get." You know the ones: Logistics, Product Life Cycle, Marketing Decision Support Systems, just to name a few. You will come away from this session with a slew of new activities and materials that are ready to implement into your curriculum with little to no revision needed. Time will be allotted to share best practices amongst group participants as well.

Presenter: **Monica Sawyer Webb**, Teacher, Wake County Public School System

Location: Imperial H

**8:00 a.m. - 9:00 a.m. Using the NEFE High School Financial Planning Program**

Teachers will learn about the National Endowment for Financial Education High School Planning Program curriculum and materials available for teachers and students, how to request HSFP materials for classroom instruction, review information available on their website-[hsfpp.nefe.org](http://hsfpp.nefe.org), and more.

Presenter: **Kelli Cheatham**, State Employees' Credit Union

Location: Guilford F

**8:30 a.m. - 10:00 a.m. Current Issues and Trends in Apparel and Textiles**

This session provides resources for teaching fibers, fabrics, assembly, elements and principles of design, patterns, entrepreneurship, recycle and reuse, renovation, and current industry practices related to Fashion Design and Merchandising.

Presenter: **Elizabeth Newcomb, Ph.D.**, Assistant Professor, North Carolina A&T State University

Location: Morehead

**9:15 a.m. - 10:15 a.m. EntreDot and the Franklinton High School Entrepreneurial Club**

Learn about a new approach to introducing entrepreneurial thinking in the educational process utilizing community business leaders.

Presenters: **William (Bill) Sarine**, Director of Eastern Operations, EntreDot.org  
**Dottie Averett**, Teacher, Franklin County School System

Location: Turnberry

**9:15 a.m. - 10:15 a.m. Hop on the BUS! to Entrepreneurship—The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

**9:15 a.m. - 10:15 a.m. NC DECA: Oh The Places You Will Go!!**

Starting, maintaining, or reviving a chapter, this workshop is designed to help you manage a DECA chapter. Whether you need help to start a chapter, or have an established chapter, this workshop is for you! We will cover all the basics and help you with strategies to better organize and manage your chapter for success! Come and discover all the benefits that DECA has to offer your students and your program.

Presenters: **Pam O'Brien**, NC DECA State Advisor  
**Jan Tugwell**, Teacher, Roanoke Rapids Graded School District

Location: Victoria B

**9:15 a.m. - 10:15 a.m. PSAs in the Classroom!**

The Federal Reserve Bank's "Presenting Student Accountability" in the classroom introduces educators to the winners of our Share the Wealth financial education contest. These less than two-minute video clips, created by college students for high school students, address accountability and responsibility in decision making. These peer-to-peer learning videos and accompanying lesson plans will be demonstrated, and attendees will receive a DVD or access to the winning videos.

Presenter: **Yolanda Ferguson**, Federal Reserve Bank of Richmond, Charlotte Branch

Location: Auditorium II

**Wednesday, July 25, 2012**

**9:15 a.m. - 10:15 a.m. Revolutionizing Education—Investing in Generation Z**

The one and a half million members of Generation Z in North Carolina know only a world in which technology, social, and cultural shifts happen in months rather than decades. This highly diverse environment will make the grade schools of the next generation the most diverse ever. Higher levels of technology will make significant inroads in academics allowing for customized instruction and accelerated achievement opportunities.

Gen Z students communicate differently, are motivated differently, and learn differently. How do we innovate and make our work more applicable and meaningful to today's students as they grow into tomorrow's workforce?

Presenter: **Kendall E. Hageman**, Institute for Emerging Issues, North Carolina State University

Location: Guilford D

**10:30 a.m. - 11:30 a.m. "But Wait!...There's More!!" Personal Finance Obj. 7.04: Exemplify persuasive methods used in advertising**

Please join Rosman High School Teacher, Kathy Carr, as she presents teaching strategies that focus on Personal Finance Objective 7.04: Exemplify persuasive methods used in advertising and sales. Using personally created materials and the OPTIC literacy strategy, Mrs. Carr will share with you how she helps her students learn to become critical thinkers that can discern between truth and hype in advertising. If time allows, Kathy will also share some project ideas and tips for Objective 3.01: Classify strategies for making personal, education, and job/career choices to achieve lifestyle goals.

Presenter: **Kathy Carr**, Rosman High School

Location: Guilford F

**10:30 a.m. - noon Navigation of MBA Curriculum and Resources by MBA Research with Marketing and Entrepreneurship Teachers**

Come learn or better understand how to navigate the MBA curriculum guides cover-to-cover. Participants will better understand how to use the standards, indicators, objectives, activities, projects, and on-line resources for daily instructions.

Presenter: **April J. Miller**, Vice President of Instructional Design, MBA Research and Curriculum Center

Location: Victoria A

**12:45 p.m. - 1:45 p.m. Teaching To Win**

Join me for a Personal Finance workshop and learn how to engage and motivate students to win virtual stock market team competitions. You will be introduced to a virtual stock market game and online financial educators' tools. Using rigorous and relevant content, your students will be prepared to tackle the National Financial Challenge Exam and to shoot for a score in the top 10-20% of the 80,000 students who complete the exam nationwide. Instructional planning aligns with the Department of the Treasury's core financial competencies—Borrowing, Earnings, Savings, Spending, and Protection.

Presenter: **Holly Laird**, Leesville Road High School

Location: Guilford F

**1:30 p.m. - 5:00 p.m. Marketing and Entrepreneurship Education Roundtables**

Experience, collaborate, or gather strategies, projects, resources, or tips to design your instructional lessons to meet your students' learning styles. This session will cover content from our program courses and co-operative education. Be energized through presentations about creating a "yellow brick road" for navigating revised curriculum, real life promotional campaigns, incorporating critical thinking, building vocabulary within context, and so much more. Also, in order to implement, maintain, or revive co-operative education at your school, please bring your notebooks, forms, problems, ideas, questions and answers for one of your rounds! A list of topics and presenters will be available at the session. Do not miss this tremendous opportunity.

Presenter: Program Teachers, Marketing and Entrepreneurship Education

Location: Victoria A

# Marketing and Entrepreneurship Education

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Wednesday, July 25, 2012

**2:00 p.m. - 3:00 p.m. EverFi Online Personal Financial Literacy Program**

EverFi's online financial literacy program is a 6 hour, web-based program that uses the latest technology to help North Carolina teachers teach, assess, and certify students in more than 600 topics in personal finance. The program is available at no cost to public high schools in North Carolina thanks to EverFi's public-private partnerships with organizations including BB&T, Genworth Financial, and American National Bank & Trust.

Presenter: **Evan Willingham**, EverFi, Inc.

Location: Guilford A

**2:00 p.m. - 3:00 p.m. What's Better Than Free? The Sequel**

Didn't get enough free resources last summer? Then this is your workshop! We've added more free resources and aligned them with more BFIT courses.

Presenters: **Julie Pennington**, Leesville Road High School

**Kelly Caudill**, Leesville Road High School

Location: Guilford D

**3:15 p.m. - 4:15 p.m. The EASY Way to Teach the Basics of Saving & Investing**

Free and Ready-to-Go curriculum from the NC Secretary of State's Securities Division: The Basics of Saving and Investing. Units include: Getting Started, Introduction to Financial Markets, Making a Financial/Investment Plan, and Investment Fraud. Each unit contains learning objectives, suggested activities, overheads, handouts, and worksheets, plus tests covering each unit. Just open the wrapper on this comprehensive, FREE tool for great personal financial literacy! Free appendix included!

Presenter: **Barbara Bennett**, NC Secretary of State, Securities Division

Location: Guilford F

**4:30 p.m. - 6:00 p.m. BFIT/MEE Teacher Educator Information Session**

Do you need coursework to obtain your Business, Finance, and IT Education or Marketing and Entrepreneurship Education teaching certification? Are you interested in pursuing an advanced degree in Business or Marketing Education? Attend this information session to meet with representatives from the four North Carolina BFIT and MEE teacher education institutions.

Presenters: **Herbert F. Brown III, Ph.D.**, Appalachian State University

**Dr. Ivan Wallace**, Professor and Chairperson, East Carolina University

**Lisa Gueldenzoph Snyder, Ph.D.**, Professor, NC A&T University

**Cheryl Caddell** and **Dr. Jimmy Smith**, NC State University

Location: Guilford B

**7:00 p.m. - 9:00 p.m. ECU/NCBEA Networking Opportunity**

East Carolina University, in association with NCBEA, will host a networking event for all registered Business, Finance, and Information Technology Education and Marketing and Entrepreneurship Education conference attendees. ECU alumni, potential ECU students, and NCBEA members are especially encouraged to attend.

Presenters: **Ivan Wallace**, East Carolina University

**Elizabeth Hodge**, NCBEA President

Sponsor: East Carolina University and NC Business Education Association

Location: TBA

**7:30 p.m. - 9:30 p.m. Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

## Marketing and Entrepreneurship Education

### Thursday, July 26, 2012

- 7:45 a.m. - 8:45 a.m. DECA Districts One, Two, and Four Meetings**  
Meet with your District to plan dates, events, and obtain DECA updates.  
Location: Victoria B
- 7:45 a.m. - 8:45 a.m. DECA District Three Meeting**  
Meet with your District to plan dates, events, and obtain DECA updates.  
Location: Pinehurst
- 7:45 a.m. - 8:45 a.m. DECA Districts Five, Seven, and Eight Meetings**  
Meet with your District to plan dates, events, and obtain DECA updates.  
Location: Victoria C
- 7:45 a.m. - 8:45 a.m. DECA District Six Meeting**  
Meet with your District to plan dates, events, and obtain DECA updates.  
Location: Turnberry

### Thursday, July 26, 2012

- 8:00 a.m. - 9:00 a.m. FEFE: An Instructional Blueprint for Personal Finance—Why Reinvent the Wheel? (Preregistration Required)**  
Don't waste your valuable planning time creating lesson plans for teaching Personal Finance—FEFE lessons have been adapted for each unit of the Personal Finance 8726 course. Educators teaching this course may download the lesson plans from the FEFE website at no cost. The course blueprint and flow of instruction may be found in the PF 8726 Curriculum Guide. This is a Revised Bloom's Taxonomy (RBT) curriculum guide containing unpacked content, instructional activities and materials, key terms, and prototype assessment items. The FEFE lessons are an essential component of the instructional materials and help ensure that students build understanding of personal finance knowledge and skills and are well prepared for the postassessment. To expedite and make full use of the allotted time, please register for an account three days in advance. [fefe.arizona.edu/user/register](http://fefe.arizona.edu/user/register)  
Presenter: **Kathryn Cox**, William G. Enloe Magnet High School  
Location: Guilford E
- 8:00 a.m. - 9:00 a.m. Fool Proof Lessons for Teaching Principles of Business and Finance**  
Looking for new and exciting ways to present Principles of Business and Finance topics such as: credit, banking, budgeting, and more, that your students will find fun and interesting? Need to incorporate differentiated learning strategies? Extra credit assignments? Independent online learning activities? Something your students can work on from home or during spare time in class? Come learn about "Fool Proof," a free interactive online program that is highly engaging. Learn about the self-grading group of lessons called *modules* that teach young people about money, financial responsibility, and the realities of the free enterprise system. Come see how easy it is to set up your classes today.  
Presenter: **Debragail Smith**, Harnett Central High School  
Location: Guilford G
- 8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase**  
This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.  
Sponsor: NCACTE  
Location: Third floor lobby
- 8:30 a.m. - 10:00 a.m. Fabali: A Global Perspective on the Fashion and Marketing Industry**  
Mr. George Scott, entrepreneur and community servant will share current industry trends related fashion, entrepreneurship, and industry practices.  
Presenter: **George Scott**, Owner, Fabali  
Location: Cedar B
- 9:00 a.m. - 10:00 a.m. The "Classroom" Social Learning Network (Preregistration Required)**  
Students want to connect what they are taught and collaborate while learning inside and outside the classroom. Learn how Edmodo can engage students through practical applications.  
Presenter: **Shakema Wilson**, Teacher, Brunswick County School System  
Location: Colony B

# Marketing and Entrepreneurship Education

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**Thursday, July 26, 2012**

**9:15 a.m. - 10:15 a.m. Hands on Banking: Everything You Need to Teach Personal Finance (High School Session)**

Hands on Banking (HOB) consists of two parts—an interactive online curriculum that students can do at their own pace and a series of in-classroom lessons. This workshop will show you how to access and use HOB, and provide you with all the resources you need to get started. HOB has sections for adults, high schoolers, middle schoolers, and elementary students. This session will focus on high school.

Presenter: **Stephen Day**, NC Council on Economic Education

Location: Guilford D

**9:15 a.m. - 10:15 a.m. It's In Their Pockets!—Mobile Devices**

In a world of students who are digital consumers, more than half of them own some type of electronic device. In this session, you will learn how to use some of their methods of electronic communication to inspire learning! From tweeting to texting, there are some low cost, “low tech” ways to engage our students. Rather than becoming an “add on” to the classroom experience, different forms of electronic communication can provide an alternative method of presenting work already being studied. When students incorporate technology for classroom use, they not only learn the content in a creative way, they learn 21st century communications skills at the same time. See the mobile learning environment our students walk around with every day.

Presenter: **Karen S. McPherson**, Teacher & 2013 Kenan Fellow, Camden County School System

Location: Pinehurst

**9:15 a.m. - 10:15 a.m. Understanding How Digital Technology Enhances Holistic Marketing and Communications Strategy**

As the adoption and reliance on digital technologies becomes increasingly unavoidable, it is critical that businesses and nonprofits integrate multi-channel technologies to a holistic traditional and digital marketing and communications plan. Without a comprehensive strategy, organizations cannot effectively continue to grow or operate as sustainable ventures in today's fast-paced and ever-changing global landscape.

Presenters: **James Wong**, Empowered Ideas  
Virginia Johnson, Empowered Ideas

Location: Victoria B

**9:15 a.m. - 10:15 a.m. Sports Marketing: Applying Real-Life Scenarios and Marketing Trends to the Classroom**

Need an exciting way to relate marketing topics to students? Great! Or do you already teach a sports marketing class? Perfect! Join us for an interactive discussion about creative ways to use real sports marketing industry examples and best practices that will score big with students in the classroom.

Presenter: **Blake Edmunds**, Wake Forest University Athletic Department

Location: Victoria C

**9:15 a.m. - 10:15 a.m. Unleash the Power of your Smart Board and Awaken your Students (Repeat Session)**

Learn how to create easy interactive Smart Board lessons in under ten minutes. Bring your own laptop with Smart Board software installed, and you can leave the session with several interactive activities that are student ready. We will explore the Lesson Activity Toolkit and websites that allow for review games that are ready to go.

Participants must bring a laptop with “SMART Notebook collaborative learning” version 10.8 installed. Download software from <http://smarttech.com/us/Support/Browse+Support/Download+Software>. Also, bring curriculum materials of low performing objectives on a flash drive to make your take aways.

Presenter: **Tiffany Falgioné**, Teacher, Cumberland County School System

Location: Turnberry

**Thursday, July 26, 2012**

**10:30 a.m. - noon**      **EDU 2.0—FREE! Online Portal for the 21st Century Classroom: Lessons, Assignments, & Blogs—Oh the things you can do on EDU! (Preregistration Required)**

Students want instant information. Learn how EDU2.0 can provide you and your students instant access to your classes, assignments, multimedia resources, and their performance on indicators, plus collaboration tools.

Presenters: **Lisa Cline**, Teacher, Rowan-Salisbury School System

Location: Colony B

**10:30 a.m. - 11:30 a.m.**    **Gen Z—Curators of Social Media**

Gen Z—Curators of Social Media is a hands-on session where educators can explore and interact with new media forms to connect Common Core, ITES standards, and the Big 6 Research Skills with a large collection of web tools aligned to Bloom's Digital Taxonomy. Educators benefit by understanding these connections and receive an arsenal of web tools and strategies to integrate into every subject area and grade level. Learn to be a content creator as well as a content consumer. Bring your own device.

Presenters: **Kathy Beck**, Iredell-Statesville School System  
**Karen Van Vliet**, Iredell-Statesville School System

Location: Victoria A

**10:30 a.m. - 11:30 a.m.**    **Understanding How Digital Technology Enhances Holistic Marketing and Communications Strategy**

As the adoption and reliance on digital technologies becomes increasingly unavoidable, it is critical that businesses and nonprofits integrate multi-channel technologies to a holistic traditional and digital marketing and communications plan. Without a comprehensive strategy, organizations cannot effectively continue to grow or operate as sustainable ventures in today's fast-paced and ever-changing global landscape.

Presenters: **James Wong**, Empowered Ideas  
**Virginia Johnson**, Empowered Ideas

Location: Victoria B

**10:30 a.m. - 11:30 a.m.**    **The Marketing Backflip**

This session will help teachers develop interactive and relevant classroom experiences using the "Flipping the Classroom" approach in reverse, which is called the "Backflip." It has become increasingly apparent that critical thinking skills, collaboration, and project-based learning are essential to prepare students for the future. Innovative classrooms around the world look very different from the desks-forward, lecture-based model developed early in the last century. The problem is that most professional development offerings are still solely about knowledge transfer. That is why this workshop will move beyond content delivery and create a space for educators to play with concepts and apply them to their own classrooms. Even better, you'll be part of a network of marketing educators pushing the boundaries of educational best practices.

Presenter: **Karen S. McPherson**, Teacher & 2013 Kenan Fellow, Camden County School System

Location: Pinehurst

**10:30 a.m. - 11:30 a.m.**    **The Stock Market Game: The Original Interactive Investment Game**

The Stock Market Game has been used by thousands of teachers and tens of thousands of students each year for several decades. It has always been popular with students, but it is only recently that it has been shown to boost test scores in personal finance, economics, and even math! Come see what the big deal is! This session will show you how to use SMG curriculum in the classroom, and how to get started with the game. For grades 4-12.

Presenter: **Stephen Day**, NC Council on Economic Education

Location: Guilford D



# Marketing and Entrepreneurship Education

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Thursday, July 26, 2012

## 10:30 a.m. - 11:30 a.m. **Unleash the Power of your Smart Board and Awaken your Students (Repeat Session)**

Learn how to create easy interactive Smart Board lessons in under ten minutes. Bring your own laptop with Smart Board software installed, and you can leave the session with several interactive activities that are student ready. We will explore the Lesson Activity Toolkit and websites that allow for review games that are ready to go.

Participants must bring a laptop with “SMART Notebook collaborative learning” version 10.8 installed. Download software from [smarttech.com/us/Support/Browse+Support/Download+Software](http://smarttech.com/us/Support/Browse+Support/Download+Software)  
Also, bring curriculum materials of low performing objectives on a flash drive to make your take aways.

Presenter: **Tiffany Falgioné**, Teacher, Cumberland County School System

Location: Turnberry

## 10:30 a.m. - 11:30 a.m. **Using Formative Assessment in the Classroom**

If you’ve completed the NC Falcon modules on formative assessment and need help implementing the strategies, this workshop is for you! Come learn how to create and use a formative assessment plan in the classroom.

Presenters: **Donna W. Hall**, Hickory High School  
**Carmella Fair**, NC FALCON Coordinator, NCDPI

Location: Guilford E

## 12:45 p.m. - 3:00 p.m. **Say What?, Celebrate!, and Apply It!**

Come for one last session. Hear from a panel of teachers that have something to say about the pilot or the field-test year of the new version of the curriculum. Next celebrate colleagues that will be recognized by the North Carolina Marketing Association (NCMEA). Lastly, take one more deep dive into MBA Research curriculum—Entrepreneurship I-II, Marketing, Marketing Management, and Sports and Entertainment Marketing I before you take off! How will you Apply all that you have gathered during the conference?

Presenters: Marketing and Entrepreneurship Education Teachers  
**Delores P. Ali**, Marketing and Entrepreneurship Education, NCDPI

Location: Blue Ashe

## 1:00 p.m. - 3:00 p.m. **FEFE: An Instructional Blueprint for Personal Finance— Why Reinvent the Wheel? (Preregistration Required)**

Don’t waste your valuable planning time creating lesson plans for teaching Personal Finance—FEFE lessons have been adapted for each unit of the Personal Finance 8726 course. Educators teaching this course may download the lesson plans from the FEFE website at no cost. The course blueprint and flow of instruction may be found in the PF 8726 Curriculum Guide. This is a Revised Bloom’s Taxonomy (RBT) curriculum guide containing unpacked content, instructional activities and materials, key terms, and prototype assessment items. The FEFE lessons are an essential component of the instructional materials and help ensure that students build understanding of personal finance knowledge and skills and are well prepared for the postassessment. To expedite and make full use of the allotted time, please register for an account three days in advance. [fefe.arizona.edu/user/register](http://fefe.arizona.edu/user/register)

Presenter: **Kathryn Cox**, William G. Enloe Magnet High School

Location: Colony A

## 2:00 p.m. - 3:00 p.m. **Principles of Business and Finance: Surviving and Thriving!**

Have your students struggled with low test scores in Principles of Business and Finance? Have you wondered how to improve those scores while making this course fun and engaging for students? The presenters will “break down” the curriculum and offer strategies for teaching some of the more difficult objectives, including 4.03 (Saving and Investing), 5.01 (Credit Management), and 5.02 (Risk Management and Insurance).

Presenters: **Troy Burns**, Marvin Ridge High School  
**Kelley Cognac**, Marvin Ridge High School

Location: Guilford C



# Special Populations

**Bill Hatch**, Consultant, [William.Hatch@dpi.nc.gov](mailto:William.Hatch@dpi.nc.gov)

919.807.3872

**Helaina Hinson**, Program Assistant, [Helaina.Burton@dpi.nc.gov](mailto:Helaina.Burton@dpi.nc.gov)

919.807.3878

**Felicia Gray-Watson**, Section Chief, [Felicia.GrayWatson@dpi.nc.gov](mailto:Felicia.GrayWatson@dpi.nc.gov)

919.807.3892

### Sunday, July 22, 2012

**3:00 p.m. - 6:00 p.m. 10 Hour Induction Program—CDC/SPCs (part 1 of 4) (Preregistration Required)**

Upon completion of this module, participants will: (1) understand how to connect with business, industry, community, and postsecondary resources; (2) understand how to organize an advisory council; and (3) understand the importance of active involvement in professional organizations.

Location: Blue Ashe

**6:00 p.m. - 7:00 p.m. 10 Hour Induction Program—CDC/SPCs (part 2 of 4) (Preregistration Required)**

Upon completion of this module, participants will: (1) understand how to connect with business, industry, community, and postsecondary resources; (2) understand how to organize an advisory council; and (3) understand the importance of active involvement in professional organizations.

Location: Heritage A

### Monday, July 23, 2012

**9:00 a.m. - noon 10 Hour Induction Program—CDCs (part 3 of 4) (Preregistration Required)**

This computer lab session will allow participants to: (1) understand their role as CDCs, (2) understand Moodle applications, (3) create a work plan based on current job description and appraisal instrument, and (4) create a list of Internet and hard-copy resources.

Presenters: **Shannon Baker**, SPC, Heritage High School, Wake County  
**Marchelle S. Horner**, Career Development Consultant, NCDPI  
**Helen Scott**, CTE Facilitator, Cumberland County Schools

Location: Sandpiper

**9:00 a.m. - noon 10 Hour Induction Program—SPCs (part 3 of 4) (Preregistration Required)**

Welcome to the world of Special Populations. Upon completion of this course, participants will: (1) understand their role as SPCs, (2) understand the importance of the SPC/Exceptional Education teacher relationship, (3) understand Moodle applications, and (4) create a work plan based on current job description and appraisal instrument.

Presenter: **Bill Hatch**, Special Populations Consultant, NCDPI

Location: Heritage A

**1:00 p.m. - 4:00 p.m. 10 Hour Induction Program—CDCs (part 4 of 4) (Preregistration Required)**

Welcome to the world of Career Development. Upon completion of this course, participants will: (1) understand their role as CDCs, (2) understand the importance of the CDC/School Counselor relationship, (3) understand Work-based Learning, (4) understand Moodle applications, (5) understand current graduation requirements, (6) create a work plan based on current job description and appraisal instrument, and (7) create a list of Internet and hard-copy resources.

Presenters: **Linda Brannon**, Counselor Consultant, NCDPI  
**Lindsey Ciss**, CDC, Alamance Burlington  
**Marchelle S. Horner**, Career Development Consultant, NCDPI

Location: Heritage A

**1:00 p.m. - 4:00 p.m. 10 Hour Induction Program—SPCs (part 4 of 4) (Preregistration Required)**

This computer lab session will allow participants to: (1) understand their role as SPCs, (2) understand Moodle applications, (3) create a work plan based on current job description and appraisal instrument, and (4) create a list of Internet and hard-copy resources.

Presenters: **Shannon Baker**, SPC, Heritage High School, Wake County  
**Bill Hatch**, Special Populations Consultant, NCDPI

Location: Sandpiper

## Special Populations

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### Monday, July 23, 2012

#### 5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

### Tuesday, July 24, 2012

#### 8:00 a.m. - 1:30 p.m. Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

#### 9:00 a.m. - noon CDC/SPC Refresher Course

This session features veteran CDCs sharing their best practices on how to get started, successful classroom strategies, calendar/work plan, assessments, work-based learning and other resources.

Location: Heritage A

#### 9:00 a.m. - noon Civil Rights Review Training

This training will be geared toward participants whose LEAs are scheduled for a Civil Rights Review in the coming school year. However, personnel from any LEA are encouraged to attend! This training will: (1) assist LEA personnel to better prepare for a Civil Rights Review, and (2) assist any LEA to achieve or maintain compliance with the Civil Rights regulations. Everyone is welcome, and there is no preconference fee.

Presenter: **Bill Hatch**, Civil Rights Coordinator, NCDPI

Location: Biltmore AB

#### 1:30 p.m. - 3:00 p.m. CTE Summer Conference—General Opening Session

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President

**June St. Clair Atkinson, Ed.D.**, State Superintendent

**Janet Cowell**, State Treasurer

**CTSO Officers**

Location: Guilford ABC

#### 3:30 p.m. - 5:30 p.m. Revolutionizing Education—Investing in Generation Z

The CDC/SPC Opening Session includes a conference overview, DPI updates, a brief word from our NCACTE representatives and a dynamic speaker. The 1.5 million members of Generation Z in North Carolina know only a world in which technology, social, and cultural shifts happen in months rather than decades. This highly diverse environment will make the grade schools of the next generation the most diverse ever. Higher levels of technology will make significant inroads in academics allowing for customized instruction and accelerated achievement opportunities.

Gen Z students communicate differently, are motivated differently, and learn differently. How do we innovate and make our work more applicable and meaningful to today's students as they grow into tomorrow's workforce?

Presenters: **Bill Hatch**, Special Populations Consultant, NCDPI

**Marchelle S. Horner**, Career Development Consultant, NCDPI

**Felicia Gray-Watson**, CTE Support Services Section Chief, NCDPI

**Kendall Hageman**, North Carolina State University

**Liz Vaden**, NCACTE Guidance Division President

**Ruby McLean**, NCACTE Special Needs Division President

Location: Imperial ABC

### Tuesday, July 24, 2012

#### **5:00 p.m. - 8:00 p.m. Third Floor Exhibitors' Showcase and Studio Presentations**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

#### **5:30 p.m. - 8:00 p.m. CDC/SPC Networking**

Come join your colleagues from across the state to learn about the many resources offered by our networking host.

Sponsor: Miller-Motte College

Location: Parlor - CDC

#### **5:45 p.m. - 6:30 p.m. NCACTE Special Needs Division Meeting**

Location: Biltmore A

### Wednesday, July 25, 2012

#### **7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

#### **8:00 a.m. - 10:15 a.m. Career and College Promise, WorkKeys, and Diversity— Oh My! (Repeat Session)**

This session will update participants on: (1) The CCP process and how CFNC will make the process easier for students, counselors, CDCs, and others who work with registering students. (2) The WorkKeys data from 2012, moving forward with the 2012-13 outline, FAQ's for parents, marketing, school-based logistics, and much more. (3) Reviewing the scope of your CTE program and identifying and addressing diversity needs.

Presenters: **Felicia Gray-Watson**, CTE Support Services Section Chief, NCDPI

**Carol Short**, Curriculum Section Chief, NCDPI

**Mary Molusky**, ACT

**Kristy Kristenberry**, CDC, Washington High School

Location: Imperial BC

#### **8:00 a.m. - 9:00 a.m. Career Management Is Fun!**

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

#### **10:30 a.m. - noon Career and College Promise, WorkKeys, and Diversity— Oh My! (Repeat Session)**

This session will update participants on: (1) The CCP process and how CFNC will make the process easier for students, counselors, CDCs, and others who work with registering students. (2) The WorkKeys data from 2012, moving forward with the 2012-13 outline, FAQ's for parents, marketing, school-based logistics, and much more. (3) Reviewing the scope of your CTE program and identifying and addressing diversity needs.

Presenters: **Felicia Gray-Watson**, CTE Support Services Section Chief, NCDPI

**Carol Short**, Curriculum Section Chief, NCDPI

**Mary Molusky**, ACT

**Kristy Kristenberry**, CDC, Washington High School

Location: Imperial BC

## Special Populations

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Wednesday, July 25, 2012

**1:00 p.m. - 2:00 p.m. Managing Career & College Promise Applications with CFNC's Professional Center (Repeat Session)**

NC Career & College Promise offers expanded opportunities for high school students to earn college credits towards college transfer and/or a technical career certificate or diploma. CDCs and school counselors will be central to the management of student C&CP requests and applications through the CFNC Professional Center. This discussion will outline the steps to the C&CP enrollment process—highlighting student actions, school actions, potential scenarios, overrides, and a peek into the entire process with the Professional Center at CFNC.

Presenter: **Amy White Samek**, CFNC/ UNC General Administration

Location: Sandpiper

**1:00 p.m. - 2:00 p.m. Figuring Out a Better Way to Do the Career Development Plan Plus**

FACT: CDP+ must be completed. Yet, there has to be a better process to efficiently and effectively accomplish this task. This session will review what is being done across the state, help you to understand the purpose, and get you started in finding an improved CDP+ process to collect the information that sets student goals.

Presenters: **Bill Hatch**, Special Populations Consultant, NCDPI  
**Tamara Gamble**, CDC, Cabarrus County Schools  
**Simone Pate**, CDC/SPC, Pitt County Schools

Location: Imperial BC

**1:00 p.m. - 2:00 p.m. Managing Multiple Generations in the Work Force**

This presentation presents the differences in the attitudes and values of today's workers, a mix of multiple generations, viewpoints, and expectations. Strategies for keeping the peace will be presented.

Presenter: **Terri Manning, Ed.D.**, Associate Vice President for Institutional Research, Central Piedmont Community College

Location: Auditorium III

**2:15 p.m. - 3:15 p.m. A Systematic Approach to Increase Nontraditional Enrollment**

This session will explore methods to increase the nontraditional and underrepresented enrollment in your CTE courses. The session will look in depth at how LEAs have used the National Alliance for Partnerships in Equity's 5 Step Process and other approaches to meet their local plan goals.

Presenters: **Bill Hatch**, Special Populations and Equity Consultant, NCDPI  
**Kristal Dellinger**, CDC, Cabarrus County Schools  
**Kendra Glover**, CDC, Cabarrus County School  
**Kathy Hinkle**, CD/SPC, Lexington City Schools  
**Lana Bradley**, SPC, Buncombe County Schools

Location: Imperial BC

**2:15 p.m. - 3:15 p.m. Apprenticeship 101**

This workshop provides the CDCs and SPCs a good understanding of internships and apprenticeships and how they might be used in the classroom to enhance student learning and ensure career readiness.

Presenter: **Kathryn Castellones**, Apprenticeship and Training Bureau, NC Department of Labor

Location: Auditorium III

**Wednesday, July 25, 2012**

**2:15 p.m. - 3:15 p.m. Managing Career & College Promise Applications with CFNC's Professional Center (Repeat Session)**

NC Career & College Promise offers expanded opportunities for high school students to earn college credits towards college transfer and/or a technical career certificate or diploma. CDCs and school counselors will be central to the management of student C&CP requests and applications through the CFNC Professional Center. This discussion will outline the steps to the C&CP enrollment process—highlighting student actions, school actions, potential scenarios, overrides, and a peek into the entire process with the Professional Center at CFNC.

Presenter: **Amy White Samek**, CFNC/ UNC General Administration

Location: Sandpiper

**3:30 p.m. - 5:00 p.m. CDC/SPC Regional Meeting—Central**

CTE Administrators will meet jointly with Career Development Coordinators and Special Populations Coordinators in the new regional configuration. The agenda will include future meeting dates, officer selection, discussion of future agenda topics, and regional professional development priorities.

Presenter: **Ted Summey**, Central Region CTE Coordinator

Location: Auditorium III

**3:30 p.m. - 5:00 p.m. CDC/SPC Regional Meeting—Northeast**

CTE Administrators will meet jointly with Career Development Coordinators and Special Populations Coordinators in the new regional configuration. The agenda will include future meeting dates, officer selection, discussion of future agenda topics, and regional professional development priorities.

Presenter: **Christy Harris**, Northeast Region CTE Coordinator

Location: Imperial BC

**3:30 p.m. - 5:00 p.m. CDC/SPC Regional Meeting—Northwest**

CTE Administrators will meet jointly with Career Development Coordinators and Special Populations Coordinators in the new regional configuration. The agenda will include future meeting dates, officer selection, discussion of future agenda topics, and regional professional development priorities.

Presenter: **Marty Tobey**, Northwest Region CTE Coordinator

Location: Imperial A

**3:30 p.m. - 5:00 p.m. CDC/SPC Regional Meeting—Southeast**

CTE Administrators will meet jointly with Career Development Coordinators and Special Populations Coordinators in the new regional configuration. The agenda will include future meeting dates, officer selection, discussion of future agenda topics, and regional professional development priorities.

Presenter: **John Kirkman**, Southeast Region CTE Coordinator

Location: Blandwood

**3:30 p.m. - 5:00 p.m. CDC/SPC Regional Meeting—Southwest**

CTE Administrators will meet jointly with Career Development Coordinators and Special Populations Coordinators in the new regional configuration. The agenda will include future meeting dates, officer selection, discussion of future agenda topics, and regional professional development priorities.

Presenter: **Marchelle Horner**, Career Development Consultant, NCDPI (vacant), Southwest Region CTE Coordinator

Location: Biltmore A

## Special Populations

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### Wednesday, July 25, 2012

#### 3:30 p.m. - 5:00 p.m. **CDC/SPC Regional Meeting— West**

CTE Administrators will meet jointly with Career Development Coordinators and Special Populations Coordinators in the new regional configuration. The agenda will include future meeting dates, officer selection, discussion of future agenda topics, and regional professional development priorities.

Presenter: **Wendy Edney, Ed.D.**, West Region CTE Coordinator

Location: Morehead

#### 7:30 p.m. - 9:30 p.m. **Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

### Thursday, July 26, 2012

#### 8:00 a.m. - 10:15 a.m. **CDC/SPC Best-Practices Round-Table Discussions (Repeat Session)**

This is one of the most highly rated sessions during summer conference in all program areas. Come collaborate with your colleagues and business and industry partners as they share best practices from across the state.

Presenter: Various CDCs/SPCs, Business & Industry Partners

Location: Victoria A

#### 8:00 a.m. - 10:00 a.m. **Every Kind of People (Preregistration Required)**

According to Sigmund Boloz, “we must merge our traditional sense of schooling with the real world. What we do in school must not insult the child’s past but must build upon his past and encourage future learning.” Every Kind of People explores diversity awareness and its impact on teaching and learning. The interactive session delves into the dimensions of diversity and cultural proficiency using music, video, and a variety of diversity activities. Opportunities are given to share ideas in a safe environment and dialogue on the value of diversity awareness in relationship to student success.

Presenter: **Joanne Lucas, B.S., M.S.**, Education Consultant, Virginia Beach, Va.

Location: Colony C

#### 8:00 a.m. - 1:00 p.m. **Third Floor Exhibitors’ Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

#### 10:30 a.m. - noon **CDC/SPC Best-Practices Round-Table Discussions (Repeat Session)**

This is one of the most highly rated sessions during summer conference in all program areas. Come collaborate with your colleagues and business and industry partners as they share best practices from across the state.

Location: Victoria A

#### 1:00 p.m. - 3:30 p.m. **CDC/SPC Closing Session**

The CDCs and SPCs gather together with state staff to debrief about what they have learned this week and join together as we head back to our schools, newly energized, to increase learning for all students.

Presenters: **Marchelle Horner**, Career Development Consultant, NCDPI  
**Bill Hatch**, Civil Rights Coordinator, and Special Populations and Equity Consultant, NCDPI  
**Chris Droessler**, College Tech Prep, Postsecondary Partnerships, Career Academies, HSTW Consultant, NCDPI

Location: Victoria A





# Teacher Educators

**Chris Droessler**, Consultant, [Chris.Droessler@dpi.nc.gov](mailto:Chris.Droessler@dpi.nc.gov)

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**Helaina Hinson**, Program Assistant, [Helaina.Burton@dpi.nc.gov](mailto:Helaina.Burton@dpi.nc.gov)

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**Felicia Gray-Watson**, Section Chief, [Felicia.GrayWatson@dpi.nc.gov](mailto:Felicia.GrayWatson@dpi.nc.gov)

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## Monday, July 23, 2012

### 8:00 a.m. - 5:00 p.m. Honors Course Portfolio Development (Preregistration Required)

The Honors Course Policy requires teachers interested in offering honors CTE courses to develop and submit for approval to local administrators a portfolio of curriculum materials for each honors course. This portfolio is called the Honors Teaching Preparation Portfolio. The purpose of this workshop is to provide participants with the requirements and procedures for preparing the Honors Teaching Preparation Portfolio for any BFIT and MEE Honors class. Join in the networking and get ready for teaching an honors course in the fall. Register through the summer conference registration system for this preconference opportunity.

Presenter: **Helen Maness**, North Moore High School  
**Amy Singletary**, North Henderson High School

Location: Joseph's Private Dining

### 8:00 a.m. - noon Opening Session—CTE Administrative Updates

CTE Administrators will receive updates from NCDPI staff on topics relevant to administering local CTE programs. Jo Anne Honeycutt, State Director of CTE, and other NCDPI CTE leadership will provide updates on current topics and new initiatives.

Presenters: **Jo Anne Honeycutt**, State Director of Career and Technical Education, NCDPI  
**Felicia Gray-Watson**, CTE Support Services Section Chief, NCDPI  
**Carol Short**, Curriculum Section Chief, NCDPI  
**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI  
**Rhonda Welfare**, State and Federal Accountability Senior Analyst, NCDPI

Location: Victoria A

### 1:30 p.m. - 3:00 p.m. Literacy Professional Development and the Common Core

College and career ready reading and writing in career-technical fields requires students to be able to gain knowledge from challenging manuals and technical texts that often make extensive use of elaborate diagrams and data to convey information and illustrate concepts. Students must be able to read complex informational texts in these fields with independence and confidence, because the vast majority of reading in college and workforce training programs will be high-level nonfiction. The Literacy Common Core State Standards (CCSS) are meant to complement the specific content demands of technical subjects, not replace them. In this session participants will practice professional development strategies that embed the Literacy CCSS.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial G

### 1:30 p.m. - 2:15 p.m. Performance Assessments/Rubrics

Authentic, performance-based learning is a great way to make learning meaningful to students and to encourage them to be creative, innovative, and constructive. Maintain rigor and relevance in your assessment practices through effective use of rubrics in Elements.

Presenter: **Elechia Miles**, Thinkgate

Location: Cedar A

### 3:30 p.m. - 4:15 p.m. Best Practices Roundtables for Instructional Management (Repeat Session)

Best practices in Instructional Management will be shared by practitioners from the field. Areas presented will include data utilization, system wide pretesting and benchmarks, system wide pacing guides, online testing, and managing accommodations among others.

Presenters: **Margaret Chase**, IMC, Wake County Schools  
**Jeff Gould**, IMC, Edgecombe County Schools  
**Sylvia Parker**, IMC, Brunswick County Schools  
**Stephen Kelly**, IMC, Cumberland County Schools  
**Ginger Stone**, IMC, Sampson County Schools

Location: Cedar A

## Teacher Educators

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### Monday, July 23, 2012

#### 3:30 p.m. - 5:00 p.m. **Increasing Rigor Using Revised Bloom's Taxonomy**

Increasing rigor in CTE classes is an important goal if students are to master CTE standards and competencies. Likewise, the new Literacy Common Core State Standards, which include "Technical Studies," are at the highest levels of cognitive demand. The Revised Bloom's Taxonomy, with its six levels of cognitive complexity, is a tool to raise rigor. Participants will review the RBT levels, examine examples of assignments and assessments at different levels, and practice revising low-level assignments to make them more rigorous. This session is especially relevant because North Carolina is revising the Honors Teaching Portfolio requirements, and districts will need to revise their portfolios.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial G

#### 4:15 p.m. - 5:00 p.m. **Apple—Not Just a Fruit...It's a Tool Used in Foods and Marketing (Repeat Session)**

Technology skills are mandatory for 21st Century global learners. To ensure proper integration of technology into our courses, we have begun utilizing iPads to address all learning styles of students. Placing technology into the hands of 21st Century learners promotes literacy skills while simultaneously engaging every learner in all assigned tasks. This presentation will help you learn to use an iPad and the great applications offered to you as you create 21st Century learners.

Presenters: **Shelley Daughtry**, Midway High School, Sampson County Schools  
**Randi Kaye McMillan**, Union High School, Sampson County Schools  
**Charlotte Murphy**, Assistant Superintendent/CTE Administrator, Sampson County Schools

Location: Oak AB

#### 4:15 p.m. - 5:00 p.m. **Best Practices Roundtables for Instructional Management (Repeat Session)**

Best practices in Instructional Management will be shared by practitioners from the field. Areas presented will include data utilization, system wide pretesting and benchmarks, system wide pacing guides, online testing, and managing accommodations among others.

Presenters: **Margaret Chase**, IMC, Wake County Schools  
**Jeff Gould**, IMC, Edgecombe County Schools  
**Sylvia Parker**, IMC, Brunswick County Schools  
**Stephen Kelly**, IMC, Cumberland County Schools  
**Ginger Stone**, IMC, Sampson County Schools

Location: Cedar A

#### 5:30 p.m. - 8:30 p.m. **Exhibitors' Showcase & Reception**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

### Tuesday, July 24, 2012

#### 8:00 a.m. - 1:30 p.m. **Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

**Tuesday, July 24, 2012**

**8:00 a.m. - 10:00 a.m. Nurse Aide Update I**

NNAAP competency skills have undergone revisions by The National Council of State Boards of Nursing. These skills will go into effect January 2013. NNAAP skills that received the most revisions will be demonstrated, and participants will have an opportunity to engage in the skills.

Presenter: **Agnes Moore, R.N., B.S.N., NBCT**, Nurse Aide Training Consultant, NCDPI  
Location: Victoria A

**8:00 a.m. - noon SkillsUSA Advisor Boot Camp**

SkillsUSA Advisor Boot Camp will train advisors to tackle the everyday responsibilities of a SkillsUSA advisor and will also provide training on using the SkillsUSA membership and online registration systems. If you have questions about how to start your chapter or have trouble navigating the national website, attend this workshop to have your issues resolved. Please bring a laptop computer to ensure that you experience hands-on training through all of the necessary steps. The workshop will have structured lessons but will be driven by the questions and needs of the audience members. This is your chance to get the answers you need.

Presenter: **Peyton Holland**, SkillsUSA Postsecondary Director  
Location: Arrowhead AB

**8:15 a.m. - 10:00 a.m. Curriculum Updates for Administrators and IMCs**

This session will provide updates on curriculum issues from the CTE Division and NCDPI.

Presenters: **Jo Anne Honeycutt**, State Director of Career and Technical Education, NCDPI  
**Carol Short**, Curriculum Section Chief, NCDPI  
**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI  
**Felicia Gray-Watson**, CTE Support Services Section Chief, NCDPI

Location: Imperial D

**9:30 a.m. - noon Career and Technical Education Teacher Educators' Opening Session**

This session will begin with introductions and an organizational meeting to develop a work plan for the year. The session will also highlight the research of NC CTE teacher educators.

Presenters: Dr. Jerianne S. Taylor, Appalachian State University  
Chris Droessler, Teacher Educator Consultant, NCDPI

Location: Bear Creek

**10:30 a.m. - noon Nurse Aide Update II**

An overview of NNAAP skill revisions will continue in this session. Other updates related to nurse aide training include information about criminal background checks, drug screenings, teaching students with special needs, and the Public Health Fundamentals and Fundamentals of Gerontology pilots. Representatives from Division of Health Service Regulation, PearsonVUE, and NACES will provide information integral to nurse aide training.

Presenters: **Agnes Moore, R.N., B.S.N., NBCT**, Nurse Aide Training Consultant, NCDPI  
**Kathy Turner, R.N., B.S.N.**  
**Kris Winning, R.N., M.S.N.**

Location: Victoria A

**1:30 p.m. - 3:00 p.m. CTE Summer Conference—General Opening Session**

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson. We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President  
**June St. Clair Atkinson, Ed.D.**, State Superintendent  
**Janet Cowell**, State Treasurer  
**CTSO Officers**

Location: Guilford ABC

## Teacher Educators

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**Tuesday, July 24, 2012**

**3:30 p.m. - 5:30 p.m. Agricultural Education Opening Session: Trends and Issues in Agricultural Education**

This session will include the Agricultural Education and FFA State of the State Addresses as well as a curriculum update. Additionally, participants will gain insights from Agricultural Education/FFA partners.

Presenters: **Joshua Bledsoe**, North Carolina State University  
**Jason Davis**, North Carolina State University  
**Horace Johnson**, North Carolina State University  
**Joshua Starling**, North Carolina State University

Location: Imperial EF

**3:30 p.m. - 5:30 p.m. BFIT Opening General Session**

Join your middle school and high school Business, Finance, and Information Technology Education colleagues as we kick off the BFIT Summer Conference 2012! Be there as we recall our purposes as BFIT educators and refocus our future to embrace the changes to the workforce, the economy, and society as a whole. Celebrate with us the success stories of BFIT teachers who have earned special recognition. Hear updates from state staff on the NEW Essential Standards that will take effect in fall 2012. Reflect about ways to keep your BFIT program up to date and responsive to the needs of students, business and industry, and society.

Presenters: **Linda Lay**, BFIT Consultant, NCDPI  
**Curt C. Miller**, BFIT Consultant, NCDPI  
**Deborah Seehorn**, BFIT Consultant, NCDPI

Location: Guilford B

**3:30 p.m. - 5:30 p.m. Health Science Education Opening Session**

Welcome to Health Science Education! Join us as we embark on a new beginning. Get general conference information and hear from a leading authority regarding the future of healthcare. This session will focus on the changing needs of our communities and how public health must conform to meet those needs. Let's celebrate being HSEs!

Presenters: **Joan Thompson, R.N., B.S.N., M.A.Ed.**, Health Science Education Consultant, NCDPI  
**Michelle White, R.N., B.S.N., M.S.N.**, Clinical Faculty UNC CH School of Nursing  
**Cecilia McBryde, R.N., A.D.N., B.A., M.S., NBCT**, Health Science Education Consultant, NCDPI  
**Agnes Moore, R.N., B.S.N., NBCT**, Nurse Aide Training Consultant, NCDPI  
**Edith Stewart, R.N.**, NC HOSA State Advisor

Location: Victoria A

**3:30 p.m. - 5:30 p.m. Marketing and Entrepreneurship Education (MEE) Opening Session**

Be part of the change—Marketing and Entrepreneurship Education! This session will focus on the program's major changes in curriculum delivery to be responsive to the needs of students, business and industry, and society. Take away updates on the NEW Essential Standards that will be effective fall 2012. Also, get an overview of sessions that will cover specific curriculum objectives, ways to integrate interactive devices and projects, trends from business/industry, and new curriculum. Gather tips on using your APPLY IT tool.

Presenters: **Delores P. Ali**, Marketing and Entrepreneurship Consultant, NCDPI  
**Pam O'Brien**, NC DECA State Advisor  
**Carol Short**, Curriculum Section Chief, NCDPI

Location: Auditorium II

**Tuesday, July 24, 2012**

**3:30 p.m. - 5:00 p.m. Opening Session—Family and Consumer Sciences Education**

Join us for the kickoff of Summer Conference 2012 for Family and Consumer Sciences Education as we prepare for another exciting year with future opportunities. Meet your new state consultants and celebrate the success stories of teachers earning special recognitions. Hear updates from the professional organizations and state staff on curriculum developments, directions for the future, and our essential focus for the 2012-2013 school year.

If you are a new FACS teacher or new to the CTE Summer Conference, stay with us immediately following the FACS Opening Session to learn everything there is to know about Summer Conference. Meet your CTE FACS state staff and learn about important opportunities at this conference and throughout the upcoming year. Ask questions, preview the conference, plan your schedule, and network.

Presenters: **Takeda LeGrand**, FACS Education Consultant, NCDPI  
**Janet Johnson**, NC FCCLA State Advisor

Location: Guilford C

**3:30 p.m. - 5:30 p.m. Revolutionizing Education—Investing in Generation Z**

The CDC/SPC Opening Session includes a conference overview, DPI updates, a brief word from our NCACTE representatives and a dynamic speaker. The 1.5 million members of Generation Z in North Carolina know only a world in which technology, social, and cultural shifts happen in months rather than decades. This highly diverse environment will make the grade schools of the next generation the most diverse ever. Higher levels of technology will make significant inroads in academics allowing for customized instruction and accelerated achievement opportunities.

Gen Z students communicate differently, are motivated differently, and learn differently. How do we innovate and make our work more applicable and meaningful to today's students as they grow into tomorrow's workforce?

Presenters: **Kendall Hageman**, North Carolina State University  
**Bill Hatch**, Special Populations Consultant, NCDPI  
**Marchelle S. Horner**, Career Development Consultant, NCDPI  
**Felicia Gray-Watson**, CTE Support Services Section Chief, NCDPI  
**Liz Vaden**, NCACTE Guidance Division President  
**Ruby McLean**, NCACTE Special Needs Division President

Location: Imperial ABC

**3:30 p.m. - 4:30 p.m. T&I Opening General Session**

State T&I consultants will share updates, new courses, policies, and give direction for the 2012-2013 school year.

Presenters: **David Barbour**, T&I Education Consultant, NCDPI  
**Craig Pendergraft**, T&I Education Consultant, NCDPI  
**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI

Location: Imperial D

**3:30 p.m. - 5:30 p.m. Technology Engineering and Design Education Opening Session**

Randy Crowell, our opening session speaker, was a high school dropout who enrolled in college at the age of fifty to pursue his childhood dream of working in a research laboratory. Randy received a degree in biotechnology and is currently working for the NC Biotech Research Center in Kannapolis NC. Come hear Randy's story as well as updates from NCDPI.

Presenters: **Brian Moye**, Technology Engineering and Design Education Consultant, NCDPI  
**Randy Crowell**, NC Biotech Center, Kannapolis NC

Location: Auditorium IV

## Teacher Educators

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### Tuesday, July 24, 2012

#### 5:00 p.m. - 8:00 p.m. **Third Floor Exhibitors' Showcase and Studio Presentations**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

#### 5:30 p.m. - 8:00 p.m. **CDC/SPC Networking**

Come join your colleagues from across the state.

Sponsor: Miller-Motte College

Location: Parlor - CDC

#### 5:30 p.m. - 6:30 p.m. **Retired Agriculture Teachers Reception**

Location: Memorial Student Union NC A&T SU

#### 6:15 p.m. - 7:00 p.m. **FACS Networking**

Come network with fellow FACS educators. Join us in honoring our First Timers and welcoming them to Family and Consumer Sciences Education. Thank you to Johnson and Wales University, Charlotte Campus; NCACTE FACS Division; and NCAFCS for sponsoring this event.

Presenters: **Katonia Ford**, President, NCACTE FACS  
**Lynne Bell**, President, NCAFCS

Sponsor: Johnson and Wales University, Charlotte Campus;  
NCACTE FACS Division; and NCAFCS

Location: Guilford C

#### 6:30 p.m. - 8:30 p.m. **NCTEA Tech Fest**

Teachers and vendors display and demonstrate some of their best activities, curriculum materials, and equipment. Teachers will have the opportunity to socialize, talk with presenters, and simply enjoy themselves. Light hors d'oeuvres and soft drinks will be served.

Presenters: **Jennifer Buelin**, President, NC-TEA  
**Nancye Hart**, Secretary-Treasurer, NC-TEA

Sponsor: NCTEA

Location: Victoria Lobby

#### 7:30 p.m. - 9:30 p.m. **T&I Teacher Reception**

Come network with Trade and Industrial Education staff and industry partners.

Sponsor: Today's Class, Snap-on Tools, ABC of the Carolinas, AutoDesk

Location: Parlor - T&I

### Wednesday, July 25, 2012

#### 7:15 a.m. - 4:00 p.m. **Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**Wednesday, July 25, 2012****8:00 a.m. - 10:00 a.m. North Carolina High School Automotive Program Update**

NCDPI staff will present updates in the high school Automotive programs. Topics include modification to the NATEF accreditation process to be following in NC high schools, blueprints, postassessments, teacher licensure, and questions from the audience.

Presenters: **David Barbour**, Automotive Education Consultant, NCDPI  
**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI

Location: Dudley High School

**8:00 a.m. - 9:00 a.m. Using the NEFE High School Financial Planning Program**

Teachers will learn about the National Endowment for Financial Education High School Planning Program curriculum and materials available for teachers and students, how to request HSFPP materials for classroom instruction, review information available on their website-hsfpp.nefe.org, and more.

Presenter: **Kelli Cheatham**, State Employees' Credit Union

Location: Guilford F

**8:00 a.m. - 5:00 p.m. Welding—Information and Updates**

RCCC instructor Randy Cox will discuss the outlook in the Welding industry, and share new and exciting opportunities in Welding. Mr. Cox will share updates in the field and will discuss how the growing interest in Motorsports in North Carolina could positively impact welding programs.

Presenter: **Randy Cox**, Motorsports Management Technologies

Sponsor: Rowan Cabarrus Community College (RCCC)

Location: Cardinal

**8:30 a.m. - 10:00 a.m. CET I & II Blueprint and Crosswalk Update**

CompTIA has changed the standards for A+ certification. This workshop will provide teachers the new blueprints aligned to these new changes. A crosswalk document is also provided to align the old curriculum with the new standards. Forums have been created in Moodle to provide the opportunity for teachers to begin creating a statewide classroom bank of test questions and forums to allow teachers to share new materials they will have to develop as a result of the new standards.

Presenters: **Geof Duncan**, Wake County Public School System  
**Tammy Bradley**, Chapel-Hill/Carrboro Schools

Location: Carolina

**8:30 a.m. - 10:00 a.m. Fresh FACS—Middle School Round Tables**

Different ideas and strategies to implement in an Exploring Life Skills classroom for all types of learners! This session is great for Middle School FACS teachers that are first year, burned out, looking for fresh lessons, or anyone enthusiastic about jazzing up their FACS class. This session will include project-based learning that will hit on almost all areas of FACS in Exploring Life Skills and will include the integration of technology. Educators are encouraged to bring their own lessons they would like to share, as we will have an idea swap during the session. Prepare nutritious snacks—a total of at least 10 nutritious snack recipes will be given to participants, along with some helpful recipe websites. The presenter will make at least one of the snacks for the participants to try.

Presenters: **Alexis Catanzano**, FACS Teacher, Holly Grove Middle School  
**Franchesca Gantt**, FACS Teacher, Northeast Guilford Middle School  
**Mary Mauney**, FACS Teacher, Cane Creek Middle School

Location: Cedar A



## Teacher Educators

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**Wednesday, July 25, 2012**

### **8:30 a.m. - 10:00 a.m. Implementing the National Healthcare Foundation Standards**

In this session you will be introduced to Health Science I. Get to see the curriculum and explore its pages. You will get an update on Health Science II, learn what the field test data revealed, and begin your plans for 2012-13. Come see how the National Healthcare Foundation Standards are addressed in HSI and HSII.

Presenter: **Joan Thompson, R.N., B.S.N., M.A.Ed.**, Health Science Education Consultant, NCDPI

Location: Blue Ashe

### **8:30 a.m. - 10:00 a.m. New Online Record-Keeping System for North Carolina Agricultural Education/FFA**

This session will introduce all teachers to an innovative and educational tool in agricultural education. The Agricultural Experience Tracker system allows teachers to set student accounts and track student progress. Students can track their time in areas such as class, FFA, and SAE as well as record financial entries. All information can then be exported to FFA awards. Learn how to use this tool to track your students' progress and get students involved.

Presenters: **The AET Staff**

Location: Imperial D

### **9:15 a.m. - 10:15 a.m. Bump up your Business RBTs in MaWD**

Transition from "Understand and Apply" classroom software objectives to "Synthesize and Create" with business capstone projects. Incorporate real life applications to demonstrate the way multiple programs and objectives work together to produce one major business project for your students! Creative capstone projects combine elements of all 4 curriculum units into a business promotional plan where MaWD students have the freedom to imagine and create their own designs and ideas. Students present their overall design plan for desktop publishing products, graphic and multimedia components, and websites to their classmates for evaluation and discussion. This capstone project uses Adobe Creative Suite, Google SketchUp, and Microsoft PowerPoint. A variety of project ideas and student examples will be available to help spark the flow of creativity.

Presenter: **Timberley Adams**, Watauga High School

Location: Guilford A

### **9:15 a.m. - 10:15 a.m. MSITA Important Updates**

There are many updates and improvements coming for Fall 2012! Learn about the changes taking place to the IT Academy E-Learning sites. View a demonstration of the new instructor and student sites, take a tour of the updated ITA Member Site and hear about the improvements to lesson plans, projects and other MSITA benefits.

Presenters: **Lisa Speltz**, Microsoft Learning  
**James "Ricky" Hardy**, Leesville Road High School

Location: Guilford E

### **10:30 a.m. - 11:30 a.m. Best Practices: 6207 Computer Skills and Applications (Middle School Session)**

Middle School teachers, come get updates on Computer Skills and Applications—6207. You will learn "Best Practices" to use in your classroom.

Presenters: **Leslie Farris**, Granite Falls Middle School  
**Dawn Smith**, Granite Falls Middle School

Location: Guilford A

Wednesday, July 25, 2012

**10:30 a.m. - 11:30 a.m. FIT for Business: An Update on Foundations of IT**

This session provides teachers with an understanding of Foundations of IT (FIT). FIT provides students with a basic understanding of Information Technology and the four pathways within the Career Cluster. Students should emerge with: (1) enough knowledge about each pathway to make informed decisions about what they'd like to study more, (2) a comprehensive IT vocabulary that will serve them well regardless of their career goals, (3) a basic understanding of all areas of IT that will serve as a foundation for success in any career, and (4) general IT knowledge that will benefit them regardless of whether they pursue an IT career. Join our FIT curriculum team to learn more about this exciting new course offering!

Join our FIT curriculum team to learn more about this exciting new course offering!

Presenters: **Geof Duncan**, ExplorNet/Centers for Quality Teaching and Learning/Knightdale High School  
**Karen Gregory**, ExplorNet/Centers for Quality Teaching and Learning/Ronald Reagan High School  
**Bryan Morrissey**, ExplorNet/Centers for Quality Teaching and Learning/Asheville High School  
**Janice Johnson**, ExplorNet/Centers for Quality Teaching and Learning

Location: Guilford G

**10:30 a.m. - noon NATEF—The New Requirements**

NATEF representative will present the new NATEF accreditation process and requirements and answer questions from the audience.

Presenters: **Trish Serratore**, NATEF, President  
**Tim Zilke**, ASE, President

Sponsor: Today's Class

Location: Dudley High School

**10:30 a.m. - noon Sustainable Construction**

Certified NCCER craft instructors will hear a general overview of the Sustainable Construction Supervisor module, developed to instruct construction supervisors on sustainable management techniques, especially as they relate to construction-phase LEED points targeted for their projects.

Presenter: **Fred Pender**, PITT Community College

Sponsor: ABC of the Carolinas

Location: Joseph's Private Dining

**1:30 p.m. - 5:00 p.m. Automotive Today's Class: The Online Curriculum and Assessment System for North Carolina High School Automotive Programs.**

NC high school automotive programs will all migrate over to Today's Class for curriculum and assessments beginning with the new CTE Essential Standards that take effect in the 2012-2013 school year. This hands-on workshop will provide teachers the experience they will need to make the migration and implementation a success for them and their students.

Presenters: **Tom Richardson**, Today's Class  
**Glenn Barefoot**, SkillsUSA  
**David Jones**, Person County High School, SEATA  
**James Cox**, South Johnston High School, SEATA

Sponsor: Today's Class

Location: Dudley High School

**1:30 p.m. - 3:00 p.m. Continuing Competence**

This presentation is for all registered nurses with an active license in NC. It provides an overview and update of the NC Board of Nursing Continuing Competence requirements. The NC Board of Nursing will present the contact hours for this session. Please print the handouts and the PowerPoint presentation (three slides/notes per page). Bring these handouts to the session. No handouts will be distributed at the session.

Presenter: **Joyce Winstead, R.N., M.S.N.**, North Carolina Board of Nursing

Location: Victoria BC

# Teacher Educators

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**Wednesday, July 25, 2012**

**1:30 p.m. - 5:00 p.m. Marketing and Entrepreneurship Education Roundtables**

Experience, collaborate, or gather strategies, projects, resources, or tips to design your instructional lessons to meet your students' learning styles. This session will cover content from our program courses and co-operative education. Be energized through presentations about creating a "yellow brick road" for navigating revised curriculum, real life promotional campaigns, incorporating critical thinking, building vocabulary within context, and so much more. Also, in order to implement, maintain, or revive co-operative education at your school, please bring your notebooks, forms, problems, ideas, questions and answers for one of your rounds! A list of topics and presenters will be available at the session. Do not miss this tremendous opportunity.

Presenter: Program Teachers, Marketing and Entrepreneurship Education

Location: Victoria A

**3:15 p.m. - 4:15 p.m. Business Financial Planning: Roll Out**

All teachers interested in the PILOT for BFIT in Business Financial Planning or teaching this course next year need to attend this important session. MBAResearch curriculum can be confusing. This session will help you navigate the Business Financial Planning curriculum, give you ideas on how to structure the class, how to use all those on-line resources provided by MBA, and how to focus your class around project based learning.

Presenters: **Teia Robinson**, Leesville Road High School

**Linda Lay**, BFIT Consultant, NCDPI

**Curt C. Miller**, BFIT Consultant, NCDPI

Location: Auditorium II

**3:30 p.m. - 5:00 p.m. The New Printing Graphics Curriculum and Blueprints**

The new curriculum, blueprints, and suggested equipment list will be presented. Items to be covered will include: Information on testing and certification options to include specifics on the new curriculum test banks, how to access them for practice activities that we can share with our students through Quia or Elements, our current CTE Vocats testing software, curriculum opportunities for scholarships and articulation with postsecondary institutions, and how curriculum relates to opportunities through SkillsUSA competitions and certifications. Adobe certifications may also be discussed.

Presenter: **Tim McCluskey**, Printing Graphics Teacher

Location: Fifth Season

**4:30 p.m. - 6:00 p.m. BFIT/MEE Teacher Educator Information Session**

Do you need coursework to obtain your Business, Finance, and IT Education or Marketing and Entrepreneurship Education teaching certification? Are you interested in pursuing an advanced degree in Business or Marketing Education? Attend this information session to meet with representatives from the four North Carolina BFIT and MEE teacher education institutions.

Presenters: **Herbert F. Brown III, Ph.D.**, Appalachian State University

**Dr. Ivan Wallace**, Professor and Chairperson, East Carolina University

**Lisa Gueldenzoph Snyder, Ph.D.**, Professor, NC A&T University

**Cheryl Caddell** and **Dr. Jimmy Smith**, NC State University

Location: Guilford B

**7:00 p.m. - 9:00 p.m. ECU/NCBEA Networking Opportunity**

East Carolina University, in association with NCBEA, will host a networking event for all registered Business, Finance, and Information Technology Education and Marketing and Entrepreneurship Education conference attendees. ECU alumni, potential ECU students, and NCBEA members are especially encouraged to attend.

Presenters: **Ivan Wallace**, East Carolina University

**Elizabeth Hodge**, NCBEA President

Sponsor: East Carolina University and NC Business Education Association

Location: TBA

**Wednesday, July 25, 2012****7:30 p.m. - 9:30 p.m. Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

**Thursday, July 26, 2012****8:00 a.m. - 10:15 a.m. CDC/SPC Best-Practices Round-Table Discussions (Repeat Session)**

This is one of the most highly rated sessions during summer conference in all program areas. Come collaborate with your colleagues and business and industry partners as they share best practices from across the state.

Presenter: Various CDCs/SPCs, Business & Industry Partners

Location: Victoria A

**8:00 a.m. - 9:00 a.m. FEFE: An Instructional Blueprint for Personal Finance—Why Reinvent the Wheel? (Preregistration Required)**

Don't waste your valuable planning time creating lesson plans for teaching Personal Finance—FEFE lessons have been adapted for each unit of the Personal Finance 8726 course. Educators teaching this course may download the lesson plans from the FEFE website at no cost. The course blueprint and flow of instruction may be found in the PF 8726 Curriculum Guide. This is a Revised Bloom's Taxonomy (RBT) curriculum guide containing unpacked content, instructional activities and materials, key terms, and prototype assessment items. The FEFE lessons are an essential component of the instructional materials and help ensure that students build understanding of personal finance knowledge and skills and are well prepared for the postassessment. To expedite and make full use of the allotted time, please register for an account three days in advance. [fefe.arizona.edu/user/register](http://fefe.arizona.edu/user/register)

Presenter: **Kathryn Cox**, William G. Enloe Magnet High School

Location: Guilford E

**8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**8:30 a.m. - 10:00 a.m. Health Science Education Update**

The Health Science Education celebration continues! We will have our HSE Update, celebrate teacher successes, and reflect a bit on the year passed. Come prepared to share a tidbit of your HOE history!

Presenters: **Joan Thompson, R.N., B.S.N., M.A.Ed.**, Health Science Education Consultant, NCDPI

**Cecilia McBryde, R.N., A.D.N., B.A., M.A.**, NBCT, Health Science Education Consultant, NCDPI

**Agnes Moore, R.N., B.S.N., NBCT**, Nurse Aide Training Consultant, NCDPI

**Edith Stewart, R.N.**, NC HOSA State Advisor

Location: Blue Ashe

**8:30 a.m. - 10:00 a.m. National FFA Update, The Council Update and Ag Career Network for Teachers and Students**

This session will focus on the new Agriculture Career Network as well as provide an update from The National Council for Agricultural Education and the National FFA Organization.

Presenter: **Tony Small**, National FFA Organization

Location: Imperial D

# Teacher Educators

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**Thursday, July 26, 2012**

**8:30 a.m. - 10:00 a.m. Using Literacy to Teach Program Area Content Materials in T&I Programs (Repeat Session)**

T&I teachers are experts at teaching their specific skills through years of industry experiences. Unfortunately, these same experts in the shop need additional help when it comes to strategies at implementing literacy into their classroom. This workshop will give the T&I teachers proven methods that they can take back and use to help their students improve their reading and writing skills.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial C

**9:15 a.m. - 10:15 a.m. What is a Field Test?**

DPI staff members will be on hand to answer all your “field” test questions. What are cut scores? Is the final curved? Will the curriculum be cut or changed? I need more time to teach Unit A, can we change the blueprint? What is adopted, adapted, developed, and RBT and which course am I teaching? What happens next?

Presenters: **Linda Lay**, BFIT Consultant, NCDPI  
**Deborah Seehorn**, BFIT Consultant, NCDPI

Location: Guilford E

**10:30 a.m. - noon CDC/SPC Best-Practices Round-Table Discussions (Repeat Session)**

This is one of the most highly rated sessions during summer conference in all program areas. Come collaborate with your colleagues and business and industry partners as they share best practices from across the state.

Location: Victoria A

**10:30 a.m. - noon Weaving Sustainable Agriculture into Agricultural Education**

From heirloom grafted tomatoes to beneficial insect buffers, there are a myriad of sustainable agricultural projects that can be seamlessly integrated into the current coursework in agricultural education. Join Liz Driscoll, 4-H Specialist in Crops, Entomology, Horticulture, and Soils at NC State with NC Cooperative Extension and Jodi Riedel, Agricultural Education Teacher at Wakefield High School for an engaging and interactive session that delves into the fundamentals of sustainable agriculture. Participants will dig in and get dirty with hands-on activities to take back to utilize in their classroom.

Presenters: **Liz Driscoll**, North Carolina State University  
**Jodi Riedel**, Wakefield High School

Location: Imperial F

**12:45 p.m. - 1:45 p.m. RBT Success 101: Helping Students Succeed on RBT exams**

This workshop is designed for teachers to help students learn and develop valuable test taking and analytical skills. Designed for the Accounting I and II curriculums; however, will benefit anyone who administers an RBT exam.

Presenter: **Kathy High**, West Stanly High School

Location: Guilford D

**1:00 p.m. - 3:00 p.m. HSE Roundtables**

Are you looking for new ways to teach Health Occupations Education concepts? This session continues to be one of the most highly rated sessions during Summer Conference. Participants will rotate around the tables to learn new classroom tips and strategies from teachers and industry representatives as they share their expertise. You will not want to miss this! Refer to your list of presenters and follow the footsteps!

Presenter: Health Occupations Education Instructors / Industry Representatives

Location: Guilford B

**1:30 p.m. - 3:00 p.m. Automotive Teachers Best Practices**

This session gives Automotive teachers an opportunity to share best practices used to meet the course objectives. Content area teacher programs within NCTIETA will also discuss training desires and specifics.

Presenter: NCTIETA Automotive Teacher Representative

Location: Imperial C



# Technology Engineering & Design Education

**Brian Moyer**, Consultant, [Brian.Moyer@dpi.nc.gov](mailto:Brian.Moyer@dpi.nc.gov)

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CAREER AND TECHNICAL EDUCATION

## Technology Engineering and Design Education

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### Sunday, July 22, 2012

**3:00 p.m. - 6:00 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (Preregistration Required)**

New teachers will complete Unit D: Professional Linkages in the Learning Community from NCDPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

**6:00 p.m. - 7:00 p.m. 40 Hour Induction Program: Module IV—Technology Engineering and Design Education (Preregistration Required)**

New teachers will complete Unit D: Professional Linkages in the Learning Community from NC DPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community over the course of two days. Participants will complete additional hours by attending other summer conference sessions throughout the week. This session fulfills part of the required 40-Hour Induction Program for provisionally licensed CTE teachers.

Presenter: **Brian Moye**, Technology Engineering and Design Education Consultant, NCDPI

Location: Heritage B

### Monday, July 23, 2012

**8:00 a.m. - 5:00 p.m. VEX Robotics Programming 101 (Preregistration Required)**

Want to learn more about programming your robot using Robot C or Easy C programming language, or just learn more about VEX robotics. Bring your robot and laptop computer with software loaded and learn how to program from basic to advance programming. Participants will also learn strategies for VEX competition. You must preregister for this session through the CTE Summer Conference registration website.

Presenters: **Michael Hardy**, PLTW Master Teacher, Central Academy of Technology and Arts  
**David Crowell**, Robotics Engineering Curriculum Consultant, Intelitek

Location: Guilford B

**8:30 a.m. - 2:45 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (continued) (Preregistration Required)**

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

**9:00 a.m. - 8:00 p.m. Project Management I Training (part 1 of 2) (Preregistration Required)**

This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

# Technology Engineering and Design Education

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**Tuesday, July 24, 2012**

**5:00 p.m. - 8:00 p.m. NCTEA Board of Directors Meeting**

This meeting is for the NCTEA board of directors. Issues will be discussed, the annual program of work will be completed, award recipients will be chosen, and preliminary discussion of next year's NCTEA Winter Conference will be addressed.

Presenter: **Jennifer Buelin**, President, North Carolina Technology Education Association

Sponsor: North Carolina Technology Education Association

Location: Old North

**5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

**8:00 a.m. - 1:30 p.m. Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

**8:00 a.m. - noon Project Management I Training (part 2 of 2) (Preregistration Required)**

This is a continuation of part 1.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager

**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School

**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

**10:00 a.m. - noon NCTSA Board Meeting**

This is the annual summer Board of Directors Meeting for the North Carolina Technology Student Association. All regional representatives and officers should attend.

Presenter: **Kathleen Squibb**, NC-TSA State Advisor

Location: Gate City

**1:30 p.m. - 3:00 p.m. CTE Summer Conference—General Opening Session**

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President

**June St. Clair Atkinson, Ed.D.**, State Superintendent

**Janet Cowell**, State Treasurer

**CTSO Officers**

Location: Guilford ABC

**3:30 p.m. - 5:30 p.m. Technology Engineering and Design Education Opening Session**

Randy Crowell, our opening session speaker, was a high school dropout who enrolled in college at the age of fifty to pursue his childhood dream of working in a research laboratory.

Randy received a degree in biotechnology and is currently working for the NC Biotech Research Center in Kannapolis NC. Come hear Randy's story as well as updates from NCDPI.

Presenters: **Brian Moye**, Technology Engineering and Design Education Consultant, NCDPI

**Randy Crowell**, NC Biotech Center, Kannapolis NC

Location: Auditorium IV



## Tuesday, July 24, 2012

### 5:00 p.m. - 8:00 p.m. **Third Floor Exhibitors' Showcase and Studio Presentations**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

### 5:30 p.m. - 6:30 p.m. **NCTEA Awards Program**

Technology teachers are recognized for program and teaching excellence as well as for their years of service to their communities. Teachers having one and increments of five years of teaching service are given state service pins.

Presenters: **Jennifer Buelin**, President, NC-TEA

**Brian Moye**, Technology Engineering and Design Education Consultant,  
NCDPI

Location: Auditorium IV

### 6:30 p.m. - 8:30 p.m. **NCTEA Tech Fest**

Teachers and vendors display and demonstrate some of their best activities, curriculum materials, and equipment. Teachers will have the opportunity to socialize, talk with presenters, and simply enjoy themselves. Light hors d'oeuvres and soft drinks will be served.

Presenters: **Jennifer Buelin**, President, NC-TEA

**Nancye Hart**, Secretary-Treasurer, NC-TEA

Sponsor: NCTEA

Location: Victoria Lobby

## Wednesday, July 25, 2012

### 7:15 a.m. - 4:00 p.m. **Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

### 8:00 a.m. - 9:00 a.m. **Career Management Is Fun!**

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

### 8:00 a.m. - 5:00 p.m. **Engineering Design Curriculum Workshop: High School Courses (part 1 of 2)**

The new Engineering Design curriculum will be presented in a hands-on, in-depth format to increase teachers' understanding, proficiency, and assurance in implementing the comprehensive scope of the STEM centered, standards-based curriculum to be implemented in the 2012-2013 school year. Teachers will participate in the process involved in providing a practical STEM experience for students to increase their interest in exploring STEM. This is a two-part session providing opportunities for teachers to review and simulate classroom instruction necessary to successfully incorporate the course lessons into their classroom instruction.

Presenter: **Mike Miller**, ITEEA Effective Teacher Coach

Location: Arrowhead A

# Technology Engineering and Design Education

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Wednesday, July 25, 2012

**8:00 a.m. - 9:00 a.m. Hop on the BUS! to Entrepreneurship: The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

**8:00 a.m. - 5:00 p.m. Technological Design Curriculum Workshop: High School Courses (part 1 of 2)**

The new Technological Design curriculum will be presented in a hands-on, in-depth format to increase teachers' understanding, proficiency, and assurance in implementing the comprehensive scope of the STEM centered, standards-based curriculum to be implemented in the 2012-2013 school year. Teachers will participate in the process involved in providing a practical STEM experience for students to increase their interest in exploring STEM. This is a two-part session providing opportunities for teachers to review and simulate classroom instruction necessary to successfully incorporate the course lessons into their classroom instruction.

Presenter: **Tanner Huffman**, ITEEA Effective Teacher Coach

Location: Auditorium IV

**8:00 a.m. - 5:00 p.m. Technological Systems Curriculum Workshop: Middle School Courses (part 1 of 2)**

The Technological Systems curriculum will be presented in a hands-on, in-depth format to increase teachers' understanding, proficiency, and assurance in implementing the comprehensive scope of the STEM centered, standards-based curriculum to be implemented in the 2012-2013 school year. Teachers will participate in the process involved in providing a practical STEM experience for students to increase their interest in exploring STEM. This is a two-part session providing opportunities for teachers to review and simulate classroom instruction necessary to successfully incorporate the course lessons into their classroom instruction.

Presenter: **Nicole Penn**, NBCT, Kiser Middle School, Guilford Cty Schools; EbDtm  
Emeritus Curriculum Specialist-ITEEA/SCTL

Location: Edinburgh

**8:00 a.m. - 5:00 p.m. Technology Design and Innovation Curriculum Workshop: Middle School Courses (part 1 of 2)**

The Technology Design and Innovation curriculum will be presented in a hands-on, in-depth format to increase teachers' understanding, proficiency, and assurance in implementing the comprehensive scope of the STEM centered, standards-based curriculum to be implemented in the 2012-2013 school year. Teachers will participate in the process involved in providing a practical STEM experience for students to increase their interest in exploring technology. This is a two-part session providing opportunities for teachers to review and simulate classroom instruction necessary to successfully incorporate the course lessons into their classroom instruction.

Presenters: **Pam Smith**, Mt Holly Middle School-Gaston County  
**Johnny Norton**, Holbrook Middle School- Gaston County

Location: Heritage A

**8:00 a.m. - 5:00 p.m. Technology Engineering and Design Curriculum Workshop: High School Courses (part 1 of 2)**

The Technology Engineering and Design curriculum will be presented in a hands-on, in-depth format to increase teachers' understanding, proficiency, and assurance in implementing the comprehensive scope of the STEM centered, standards-based curriculum to be implemented in the 2012-2013 school year. Teachers will participate in the process involved in providing a practical STEM experience for students to increase their interest in exploring STEM. This is a two-part session providing opportunities for teachers to review and simulate classroom instruction necessary to successfully incorporate the course lessons into their classroom instruction.

Presenter: **Michael Wright**, Greys Creek High School, Cumberland County

Location: Bear Creek

# Technology Engineering and Design Education

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## Wednesday, July 25, 2012

### 9:15 a.m. - 10:15 a.m. **Hop on the BUS! to Entrepreneurship—The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

### 7:30 p.m. - 9:30 p.m. **Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

## Thursday, July 26, 2012

### 8:00 a.m. - 5:00 p.m. **Engineering Design Curriculum Workshop: High School Courses (part 2 of 2)**

This session is a continuation from the previous day's session in which teachers continue to review the remaining courses/lessons available in the Engineering Design curriculum due for implementation in 2013. Opportunities to simulate lessons from the new high school technology curriculum will be provided in a hands-on, minds-on setting with teachers working in collaborative teams.

Presenter: **Mike Miller**, ITEEA Effective Teacher Coach

Location: Arrowhead A

### 8:00 a.m. - 5:00 p.m. **Technological Design Curriculum Workshop: High School Courses (part 2 of 2)**

This session is a continuation from the previous day's session in which teachers continue to review the remaining courses/lessons available in the Technological Design curriculum due for implementation in 2013. Opportunities to simulate lessons from the new high school technology curriculum will be provided in a hands-on, minds-on setting with teachers working in collaborative teams.

Presenter: **Tanner Huffman**, ITEEA Effective Teacher Coach

Location: Biltmore A

### 8:00 a.m. - 5:00 p.m. **Technological Systems Curriculum Workshop: Middle School Courses (part 2 of 2)**

This session is a continuation from the previous day's session in which teachers continue to review the remaining courses/lessons available in the Technological Systems curriculum due for implementation in 2013. Opportunities to simulate lessons from the new middle school curriculum will be provided in a hands-on, minds-on setting with teachers working in collaborative teams.

Presenter: **Nicole Penn**, NBCT, Kiser Middle School, Guilford Cty Schools; EbDtm Emeritus Curriculum Specialist-ITEEA/SCTL

Location: Meadowbrook

# Technology Engineering and Design Education

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**Thursday, July 26, 2012**

**8:00 a.m. - 5:00 p.m. Technology Design and Innovation Curriculum Workshop: Middle School Courses (part 2 of 2)**

This session is a continuation from the previous day's session in which teachers continue to review the remaining courses/lessons available in the Technology Design and Innovation curriculum due for implementation in 2013. Opportunities to simulate lessons from the new middle school technology curriculum will be provided in a hands-on, minds-on setting with teachers working in collaborative teams.

Presenters: **Pam Smith**, Mt Holly Middle School, Gaston County  
**Johnny Norton**, Holbrook Middle School, Gaston County

Location: Heritage A

**8:00 a.m. - 5:00 p.m. Technology Engineering and Design Curriculum Workshop: High School Courses (part 2 of 2)**

This session is a continuation from the previous day's session in which teachers continue to review the remaining courses/lessons available in the Technology Engineering and Design curriculum due for implementation in 2013. Opportunities to simulate lessons from the new high school technology curriculum will be provided in a hands-on, minds-on setting with teachers working in collaborative teams.

Presenter: **Michael Wright**, Greys Creek High School, Cumberland County

Location: Bear Creek

**8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

# Trade & Industrial Education



|  |              |
|--|--------------|
| <b>David Barbour</b> , Consultant, <a href="mailto:David.Barbour@dpi.nc.gov">David.Barbour@dpi.nc.gov</a>                  | 919.807.3885 |
| <b>Craig Pendergraft</b> , Consultant, <a href="mailto:Craig.Pendergraft@dpi.nc.gov">Craig.Pendergraft@dpi.nc.gov</a>      | 919.807.3881 |
| <b>Glenn Barefoot</b> , SkillsUSA State Director, <a href="mailto:Glenn.Barefoot@dpi.nc.gov">Glenn.Barefoot@dpi.nc.gov</a> | 919.807.3887 |
| <b>Peyton Holland</b> , SkillsUSA State Advisor, <a href="mailto:Peyton.Holland@dpi.nc.gov">Peyton.Holland@dpi.nc.gov</a>  | 919.807.3902 |
| <b>Atkins "Trey" Michael</b> , Curriculum Specialist, <a href="mailto:Trey.Michael@dpi.nc.gov">Trey.Michael@dpi.nc.gov</a> | 919.807.3877 |
| <b>Shirley Cox</b> , Program Assistant, <a href="mailto:Shirley.Cox@dpi.nc.gov">Shirley.Cox@dpi.nc.gov</a>                 | 919.807.3889 |
| <b>Daniel R. Smith, Ed.D.</b> , Section Chief, <a href="mailto:Daniel.Smith@dpi.nc.gov">Daniel.Smith@dpi.nc.gov</a>        | 919.807.3816 |

## Sunday, July 22, 2012

### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 3:00 p.m. - 6:00 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (Preregistration Required)

New teachers will complete Unit D: Professional Linkages in the Learning Community from NCDPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

### 6:00 p.m. - 7:00 p.m. 40 Hour Induction Program: Module IV—Trade and Industrial Education (Preregistration Required)

This workshop will provide new teachers the opportunity to learn about the North Carolina Trade and Industrial Education Teachers' Association or NCTIETA. What it is, why it exists, what it does for you, and how you can get involved will be discussed.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Glenn Barefoot**, NCTIETA President, 1994-1995  
**Mike Lewis**, NCTIETA President, 2010-2011  
**Dennis Marshall**, NCTIETA President, 2012-2013

Location: Pebble Beach

## Monday, July 23, 2012

### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 8:30 a.m. - 2:45 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (continued) (Preregistration Required)

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

### 8:30 a.m. - 10:00 a.m. Automotive Service Technology (part 1 of 6) (Preregistration Required)

The focus of this year's preconference is Electrical/Electronics and is aligned to the ASE A6 exam objectives. Workshops will utilize both industry experts and classroom instructors to provide valuable information and insight on the requirements needed to pass the A6 exam. Teachers will be divided into 3 groups to ensure smaller groups for each workshop.

Group A: Manufacturer's Electrical/Electronics Update, Part I

Group B: Today's Class Validation test

Group C: Toyota Electrical/Electronics Update

Presenters: **Joe Rappa**, Snap-on Industrial Tools  
**David Allgood**, Forsyth Technical Community College  
**Tom Richardson**, Today's Class

Location: GTCC

### 9:00 a.m. - 8:00 p.m. Project Management I Training (part 1 of 2) (Preregistration Required)

This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.

Presenters: **Megan R. Bell**, MPM, PMP, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

# T&I Automotive, Collision, Diesel

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**Monday, July 23, 2012**

**10:30 a.m. - noon Automotive Service Technology (part 2 of 6) (Preregistration Required)**

This is part 2 of the Automotive Preconference.

Group A: Manufacturer's Electrical/Electronics Update, Part II

Group B: Toyota Electrical/Electronics Update

Group C: Today's Class Validation test

Presenters: **Joe Rappa**, Snap-on Industrial Tools

**David Allgood**, Forsyth Technical Community College

**Tom Richardson**, Today's Class

Location: GTCC

**noon - 1:00 p.m. Automotive Teachers' SEATA Luncheon**

As part of the SEATA Automotive preconference, SEATA will provide on-site lunch for all session attendees at no additional charge.

Presenter: Secondary Education Automotive Teachers' Association (SEATA)

Sponsor: Secondary Education Automotive Teachers' Association (SEATA)

Location: GTCC

**1:30 p.m. - 3:00 p.m. Automotive Service Technology (part 3 of 6) (Preregistration Required)**

This is part 3 of the Automotive Preconference.

Group A: Today's Class Validation test

Group B: Manufacturer's Electrical/Electronics Update, Part I

Group C: Using Today's Class to teach Electronics- Case Study I

Presenters: **Tom Richardson**, Today's Class

**Joe Rappa**, Snap-on Industrial Tools

**James Cox**, South Johnston High School, SEATA

Location: GTCC

**3:30 p.m. - 5:00 p.m. Automotive Service Technology (part 4 of 6) (Preregistration Required)**

This is part 4 of the Automotive Preconference.

Group A: Toyota Electrical/Electronics Update

Group B: Manufacturers Electrical/Electronics Update, Part II

Group C: Using Today's Class to teach Electronics- Case Study II

Presenters: **David Allgood**, Forsyth Technical Community College

**Joe Rappa**, Snap-on Industrial Tools

**David Jones**, Person County High School, SEATA

Location: GTCC

**5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

**8:00 a.m. - 1:30 p.m. Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

**8:00 a.m. - noon Project Management I Training (part 2 of 2) (Preregistration Required)**

This is a continuation of part 1.

Presenters: **Megan R. Bell**, MPM, PMP, Project Manager

**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School

**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

**Tuesday, July 24, 2012**

**8:00 a.m. - noon**

## **SkillsUSA Advisor Boot Camp**

SkillsUSA Advisor Boot Camp will train advisors to tackle the everyday responsibilities of a SkillsUSA advisor and will also provide training on using the SkillsUSA membership and online registration systems. If you have questions about how to start your chapter or have trouble navigating the national website, attend this workshop to have your issues resolved. Please bring a laptop computer to ensure that you experience hands-on training through all of the necessary steps. The workshop will have structured lessons but will be driven by the questions and needs of the audience members. This is your chance to get the answers you need.

Presenter: **Peyton Holland**, SkillsUSA Postsecondary Director

Location: Arrowhead AB

**8:00 a.m. - 5:00 p.m.**

## **T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834

**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:30 a.m. - 10:00 a.m.**

## **Automotive Service Technology (part 5 of 6) (Preregistration Required)**

This is part 5 of the Automotive Preconference.

Group A: Using Today's Class to teach Electronics—Case Study II

Group B: Using Today's Class to teach Electronics—Case Study I

Group C: Manufacturers Electrical/Electronics Update, Part I

Presenters: **David Jones**, Person County High School, SEATA

**James Cox**, South Johnston High School, SEATA

**Joe Rappa**, Snap-on Industrial Tools

Location: GTCC

**10:30 a.m. - noon**

## **Automotive Service Technology (part 6 of 6) (Preregistration Required)**

This is part 6 of the Automotive Preconference.

Group A: Using Today's Class to teach Electronics—Case Study I

Group B: Using Today's Class to teach Electronics—Case Study II

Group C: Manufacturers Electrical/Electronics Update, Part II

Presenters: **James Cox**, South Johnston High School, SEATA

**David Jones**, Person County High School, SEATA

**Joe Rappa**, Snap-on Industrial Tools

Location: GTCC

**noon - 1:00 p.m.**

## **Automotive Teachers' SEATA Luncheon**

As part of the SEATA Automotive preconference, SEATA will provide on-site lunch for all session attendees at no additional charge.

Presenter: Secondary Education Automotive Teachers' Association (SEATA)

Sponsor: Secondary Education Automotive Teachers' Association (SEATA)

Location: GTCC

**1:30 p.m. - 3:00 p.m.**

## **CTE Summer Conference—General Opening Session**

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President

**June St. Clair Atkinson, Ed.D.**, State Superintendent

**Janet Cowell**, State Treasurer

**CTSO Officers**

Location: Guilford ABC

**3:30 p.m. - 4:30 p.m.**

## **T&I Opening General Session**

State T&I consultants will share updates, new courses, policies, and give direction for the 2012-2013 school year.

Presenters: **David Barbour**, T&I Education Consultant, NCDPI

**Craig Pendergraft**, T&I Education Consultant, NCDPI

**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI

Location: Imperial D



## T&I Automotive, Collision, Diesel

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### Tuesday, July 24, 2012

#### 5:00 p.m. - 8:00 p.m. **Third Floor Exhibitors' Showcase and Studio Presentations**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

#### 5:00 p.m. - 7:00 p.m. **Trade and Industrial Education Banquet (Invitation Only)**

NCTIETA, the professional organization for T&I teachers in North Carolina, along with some of its Industry partners, will host a pig-pickin with all the fixin's as part of its annual business meeting, awards banquet, and SkillsUSA updates. This event is for all T&I Teachers and their guests. As always, industry partners and CTE administrators are also welcome. See a NCTIETA representative for a ticket and map.

Presenters: **David Barbour**, NCTIETA President, 2011-2012

**Mike Lewis**, NCTIETA Past President, 2010-2011

**Tony Bello**, NCTIETA Treasurer

**Tammy Bradley**, NCTIETA Secretary

**Dennis Marshall**, NCTIETA President Elect, 2012-2013

**Graham Yarbough**, NCTIETA Past President

**Glenn Barefoot, Peyton Holland**, SkillsUSA Directors

Sponsor: NCTIETA, Southern Educational Systems, Snap-on, Certiport, Goodhart-Wilcox, Learning Labs, Carolina Training Associates, ABCs of the Carolinas, AutoDesk

Location: Dudley High School

#### 7:30 p.m. - 9:30 p.m. **T&I Teacher Reception**

Come network with Trade and Industrial Education staff and industry partners.

Sponsor: Today's Class, Snap-on Tools, ABC of the Carolinas, AutoDesk

Location: Parlor - T&I

### Wednesday, July 25, 2012

#### 7:15 a.m. - 4:00 p.m. **Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

#### 8:00 a.m. - 9:00 a.m. **Career Management Is Fun!**

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

#### 8:00 a.m. - 9:00 a.m. **Hop on the BUS! to Entrepreneurship: The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship

**Shannon Gallagher**, NC REAL Entrepreneurship

**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

#### 8:00 a.m. - 10:00 a.m. **North Carolina High School Automotive Program Update**

NCDPI staff will present updates in the high school Automotive programs. Topics include modification to the NATEF accreditation process to be following in NC high schools, blueprints, postassessments, teacher licensure, and questions from the audience.

Presenters: **David Barbour**, Automotive Education Consultant, NCDPI

**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI

Location: Dudley High School

**Wednesday, July 25, 2012****8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:30 a.m. - 10:00 a.m. The Ethics of Technology Use: Teaching and Living with Humanity in the World of Tomorrow**

We live in a new world of wonders: videophones, instant messaging, personalized education, and marketing using psychometric systems that seem to know us better than we know ourselves. Join us today as we try to understand some of the tools that underlie our great advances in information technology as we, together, do the serious work of thinking through the collective decisions we need to make to engage with each other and with our students in order to craft laws, regulations, ethical boundaries, and best practices that allow us to stay in control of our tools rather than allowing our tools to become our masters.

Presenter: **Jonathan Wade, Ph.D.**, NCCAT

Location: Guilford C

**9:15 a.m. - 10:15 a.m. Hop on the BUS! to Entrepreneurship—The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

**10:30 a.m. - noon NATEF—The New Requirements**

NATEF representative will present the new NATEF accreditation process and requirements and answer questions from the audience.

Presenters: **Trish Serratore**, NATEF, President  
**Tim Zilke**, ASE, President

Sponsor: Today's Class

Location: Dudley High School

**10:30 a.m. - noon Using Internships and Apprenticeships in Your Programs**

This workshop provides the classroom teachers a good understanding of internships and apprenticeships and how they might be used in the classroom to enhance student learning, and ensure career readiness.

Presenter: **Kathryn Castleoes**, Apprenticeship and Training Bureau, NC Department of Labor

Location: Guilford C

**1:30 p.m. - 5:00 p.m. Automotive Today's Class: The Online Curriculum and Assessment System for North Carolina High School Automotive Programs.**

NC high school automotive programs will all migrate over to Today's Class for curriculum and assessments beginning with the new CTE Essential Standards that take effect in the 2012-2013 school year. This hands-on workshop will provide teachers the experience they will need to make the migration and implementation a success for them and their students.

Presenters: **Tom Richardson**, Today's Class  
**Glenn Barefoot**, SkillsUSA  
**David Jones**, Person County High School, SEATA  
**James Cox**, South Johnston High School, SEATA

Sponsor: Today's Class

Location: Dudley High School

**1:30 p.m. - 3:00 p.m. Incorporating Leadership in the Classroom**

Learn strategies and effective practices for teaching basic leadership concepts in the Trade and Industrial Education classroom. Learn how to do more than just teach the basics of leadership, learn how to build these lessons into your daily activities in the shop, lab, or classroom.

Presenter: **Dennis Marshall**, South Central High School

Location: Guilford C

# T&I Automotive, Collision, Diesel

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## Wednesday, July 25, 2012

### 3:30 p.m. - 5:00 p.m. **First Aid Certification for the T&I Classroom**

Receive expert training and leave with your own First Aid Certification card. Be prepared to handle safely any accident that may occur in the classroom, shop, lab, or life that requires first aid assistance. The first 25 who arrive will be eligible for a free certification card. All others may purchase their First Aid Certification cards after the workshop for \$5.

Presenters: **Ruth Huff**, Certified First Aid Trainer, Past President NCACTE

Location: Guilford C

### 7:30 p.m. - 9:30 p.m. **Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

## Thursday, July 26, 2012

### 8:00 a.m. - 3:00 p.m. **T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 8:00 a.m. - 1:00 p.m. **Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

### 8:30 a.m. - 10:00 a.m. **Using Literacy to Teach Program Area Content Materials in T&I Programs (Repeat Session)**

T&I teachers are experts at teaching their specific skills through years of industry experiences. Unfortunately, these same experts in the shop need additional help when it comes to strategies at implementing literacy into their classroom. This workshop will give the T&I teachers proven methods that they can take back and use to help their students improve their reading and writing skills.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial C

### 10:30 a.m. - noon **Legal Issues That Face CTE Teachers (Repeat Session)**

Have you had potential legal questions come up and had to shrug your shoulders? Do you know the legal issues that could affect you as a CTE teacher? Do you have questions regarding students who have an IEP? Come join lawyer Bill Hatch, and learn about some of the legal issues that face CTE teachers. Please Note: The information contained in this presentation is for general guidance on matters of interest only. Accordingly, the information in this presentation should not be used as a substitute for consultation with your school board attorney.

Presenter: **Bill Hatch**, Civil Rights/Special Pops/Equity Education Consultant, NCDPI

Location: Imperial AB

### 1:30 p.m. - 3:00 p.m. **Automotive Teachers Best Practices**

This session gives Automotive teachers an opportunity to share best practices used to meet the course objectives. Content area teacher programs within NCTIETA will also discuss training desires and specifics.

Presenter: NCTIETA Automotive Teacher Representative

Location: Imperial C

### 1:30 p.m. - 3:00 p.m. **SkillsUSA Open Discussion**

T&I teachers and SkillsUSA advisors will have the opportunity to ask questions, address concerns, and seek directions for any area in SkillsUSA.

Presenter: **Peyton Holland**, NC SkillsUSA Advisor

Location: Imperial G

### Sunday, July 22, 2012

#### 8:00 a.m. - 5:00 p.m. T&I Headquarters

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Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

#### 3:00 p.m. - 6:00 p.m. 40 Hour Induction Program: Module IV – For All CTE Program Areas (Preregistration Required)

New teachers will complete Unit D: Professional Linkages in the Learning Community from NCDPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

#### 6:00 p.m. - 7:00 p.m. 40 Hour Induction Program: Module IV – Trade and Industrial Education (Preregistration Required)

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Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Glenn Barefoot**, NCTIETA President, 1994-1995  
**Mike Lewis**, NCTIETA President, 2010-2011  
**Dennis Marshall**, NCTIETA President, 2012-2013

Location: Pebble Beach

### Monday, July 23, 2012

#### 8:00 a.m. - 5:00 p.m. “Your Role in the Green Environment” – NCCER Green Module Instructor Certification (part 1 of 2) (Preregistration Required)

NCCER craft instructors must successfully pass the Green Assessment to be certified and register students for this module. One full day covers the module instruction. After completing this one-day session, teachers must take and pass the assessment test, which will be given on Tuesday morning.

Sponsor: ABC of the Carolinas

Location: Auditorium II

#### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

#### 8:30 a.m. - 2:45 p.m. 40 Hour Induction Program: Module IV – For All CTE Program Areas (continued) (Preregistration Required)

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

#### 9:00 a.m. - 8:00 p.m. Project Management I Training (part 1 of 2) (Preregistration Required)

This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.

Presenters: **Megan R. Bell**, MPM, PMP, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

# T&I Cabinetmaking

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## Monday, July 23, 2012

### 5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

## Tuesday, July 24, 2012

### 8:00 a.m. - noon "Your Role in the Green Environment"—NCCER Green Module Instructor Certification Test (part 2 of 2) (Preregistration Required)

NCCER craft instructors must successfully pass the Green Assessment to be certified, and to register students for this module. This is the test day for teachers.

Sponsor: ABC of the Carolinas

Location: Auditorium II

### 8:00 a.m. - 1:30 p.m. Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

### 8:00 a.m. - noon Project Management I Training (part 2 of 2) (Preregistration Required)

This is a continuation of part 1.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager

**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School

**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

### 8:00 a.m. - noon SkillsUSA Advisor Boot Camp

SkillsUSA Advisor Boot Camp will train advisors to tackle the everyday responsibilities of a SkillsUSA advisor and will also provide training on using the SkillsUSA membership and online registration systems. If you have questions about how to start your chapter or have trouble navigating the national website, attend this workshop to have your issues resolved. Please bring a laptop computer to ensure that you experience hands-on training through all of the necessary steps. The workshop will have structured lessons but will be driven by the questions and needs of the audience members. This is your chance to get the answers you need.

Presenter: **Peyton Holland**, SkillsUSA Postsecondary Director

Location: Arrowhead AB

### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on one of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834

**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 1:30 p.m. - 3:00 p.m. CTE Summer Conference—General Opening Session

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President

**June St. Clair Atkinson, Ed.D.**, State Superintendent

**Janet Cowell**, State Treasurer

**CTSO Officers**

Location: Guilford ABC

### Tuesday, July 24, 2012

#### 3:30 p.m. - 4:30 p.m. T&I Opening General Session

State T&I consultants will share updates, new courses, policies, and give direction for the 2012-2013 school year.

Presenters: **David Barbour**, T&I Education Consultant, NCDPI  
**Craig Pendergraft**, T&I Education Consultant, NCDPI  
**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI

Location: Imperial D

#### 5:00 p.m. - 8:00 p.m. Third Floor Exhibitors' Showcase and Studio Presentations

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

#### 5:00 p.m. - 7:00 p.m. Trade and Industrial Education Banquet (Invitation Only)

NCTIETA, the professional organization for T&I teachers in North Carolina, along with some of its Industry partners, will host a pig-pickin with all the fixin's as part of its annual business meeting, awards banquet, and SkillsUSA updates. This event is for all T&I Teachers and their guests. As always, industry partners and CTE administrators are also welcome. See a NCTIETA representative for a ticket and map.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Mike Lewis**, NCTIETA Past President, 2010-2011  
**Tony Bello**, NCTIETA Treasurer  
**Tammy Bradley**, NCTIETA Secretary  
**Dennis Marshall**, NCTIETA President Elect, 2012-2013  
**Graham Yarbough**, NCTEITA Past President  
**Glenn Barefoot, Peyton Holland**, SkillsUSA Directors

Sponsor: NCTIETA, Southern Educational Systems, Snap-on, Certiport, Goodhart-Wilcox, Learning Labs, Carolina Training Associates, ABCs of the Carolinas, AutoDesk

Location: Dudley High School

#### 7:30 p.m. - 9:30 p.m. T&I Teacher Reception

Come network with Trade and Industrial Education staff and industry partners.

Sponsor: Today's Class, Snap-on Tools, ABC of the Carolinas, AutoDesk

Location: Parlor - T&I

#### 7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

### Wednesday, July 25, 2012

#### 8:00 a.m. - noon Cabinetmaking—CNC Technology—Part I

This workshop will focus on the use of CNC technology in industry and how it can be integrated into the classroom.

Presenter: **Kristine Cox**, AWI Chapter of the Carolinas

Sponsor: AWI Chapter of the Carolinas

Location: Imperial G

#### 8:00 a.m. - 9:00 a.m. Career Management Is Fun!

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

# T&I Cabinetmaking

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**Wednesday, July 25, 2012**

- 8:00 a.m. - 9:00 a.m. Hop on the BUS! to Entrepreneurship: The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**  
Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.  
Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System  
Location: Victoria C
- 8:00 a.m. - 5:00 p.m. T&I Headquarters**  
Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on one of the T&I consultants.  
Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776  
Location: Desk 6
- 8:30 a.m. - 10:00 a.m. The Ethics of Technology Use: Teaching and Living with Humanity in the World of Tomorrow**  
We live in a new world of wonders: videophones, instant messaging, personalized education, and marketing using psychometric systems that seem to know us better than we know ourselves. Join us today as we try to understand some of the tools that underlie our great advances in information technology as we, together, do the serious work of thinking through the collective decisions we need to make to engage with each other and with our students in order to craft laws, regulations, ethical boundaries, and best practices that allow us to stay in control of our tools rather than allowing our tools to become our masters.  
Presenter: **Jonathan Wade, Ph.D.**, NCCAT  
Location: Guilford C
- 9:15 a.m. - 10:15 a.m. Hop on the BUS! to Entrepreneurship—The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**  
Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.  
Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System  
Location: Victoria C
- 10:30 a.m. - noon Sustainable Construction**  
Certified NCCER craft instructors will hear a general overview of the Sustainable Construction Supervisor module, developed to instruct construction supervisors on sustainable management techniques, especially as they relate to construction-phase LEED points targeted for their projects.  
Presenter: **Fred Pender**, PITT Community College  
Sponsor: ABC of the Carolinas  
Location: Joseph's Private Dining
- 10:30 a.m. - noon Using Internships and Apprenticeships in Your Programs**  
This workshop provides the classroom teachers a good understanding of internships and apprenticeships and how they might be used in the classroom to enhance student learning, and ensure career readiness.  
Presenter: **Kathryn Castelloes**, Apprenticeship and Training Bureau, NC Department of Labor  
Location: Guilford C
- 1:30 p.m. - 5:00 p.m. Cabinetmaking—Part II—WCA Certification Training**  
Cabinetmaking teachers have the opportunity to participate in training that will allow them to become certified to train and certify students on identified cabinetmaking equipment.  
Presenters: **Scott Nelson**, AWI  
**Greg Hoyer**, AWI  
Sponsor: AWI Chapter of the Carolinas  
Location: Imperial G

### Wednesday, July 25, 2012

#### 1:30 p.m. - 3:00 p.m. **Incorporating Leadership in the Classroom**

Learn strategies and effective practices for teaching basic leadership concepts in the Trade and Industrial Education classroom. Learn how to do more than just teach the basics of leadership, learn how to build these lessons into your daily activities in the shop, lab, or classroom.

Presenter: **Dennis Marshall**, South Central High School

Location: Guilford C

#### 1:30 p.m. - 3:00 p.m. **NCCER Documentation and Yearly Audits**

This workshop will cover how to properly handle secured tests, documents, and other materials following NCCER/NCDPI policy. This session will discuss yearly audits, record keeping, file retention, and more.

Presenter: **Tim Eldridge**, ABC of the Carolinas

Sponsor: ABC of the Carolinas

Location: Joseph's Private Dining

#### 3:30 p.m. - 5:00 p.m. **First Aid Certification for the T&I Classroom**

Receive expert training and leave with your own First Aid Certification card. Be prepared to handle safely any accident that may occur in the classroom, shop, lab, or life that requires first aid assistance. The first 25 who arrive will be eligible for a free certification card. All others may purchase their First Aid Certification cards after the workshop for \$5.

Presenter: **Ruth Huff**, Certified First Aid Trainer, Past President NCACTE

Location: Guilford C

#### 3:30 p.m. - 5:00 p.m. **NCCER ANR (Automated National Registry) Training**

Everything you need to know about reporting and submitting student module completion (Form 200s) using the Automated National Registry, and more.

Presenter: **Tim Eldridge**, ABC of the Carolinas

Sponsor: ABC of the Carolinas

Location: Joseph's Private Dining

#### 7:30 p.m. - 9:30 p.m. **Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

### Thursday, July 26, 2012

#### 8:00 a.m. - 3:00 p.m. **T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

#### 8:00 a.m. - 1:00 p.m. **Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby



# T&I Cabinetmaking

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**Thursday, July 26, 2012**

**8:30 a.m. - 10:00 a.m. Legal Issues That Face CTE Teachers (Repeat Session)**

Have you had potential legal questions come up and had to shrug your shoulders? Do you know the legal issues that could affect you as a CTE teacher? Do you have questions regarding students who have an IEP? Come join lawyer Bill Hatch, and learn about some of the legal issues that face CTE teachers.

Please Note: The information contained in this presentation is for general guidance on matters of interest only. Accordingly, the information in this presentation should not be used as a substitute for consultation with your school board attorney.

Presenter: **Bill Hatch**, Civil Rights/Special Pops/Equity Education Consultant, NCDPI

Location: Imperial AB

**10:30 a.m. - noon Using Literacy to Teach Program Area Content Materials in T&I Programs (Repeat Session)**

T&I teachers are experts at teaching their specific skills through years of industry experiences. Unfortunately, these same experts in the shop need additional help when it comes to strategies at implementing literacy into their classroom. This workshop will give the T&I teachers proven methods that they can take back and use to help their students improve their reading and writing skills.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial C

**1:30 p.m. - 3:00 p.m. Cabinetmaking Teachers Best Practice**

This session gives Cabinetmaking teachers an opportunity to share best practices used to meet the course objectives. Content area teacher programs within NCTIETA will also discuss training desires and specifics.

Presenter: NCTIETA Cabinetmaking Teacher Representative

Location: Blandwood

**1:30 p.m. - 3:00 p.m. SkillsUSA Open Discussion**

T&I teachers and SkillsUSA advisors will have the opportunity to ask questions, address concerns, and seek directions for any area in SkillsUSA.

Presenter: **Peyton Holland**, NC SkillsUSA Advisor

Location: Imperial G

# T&I Carpentry, Masonry, Electrical, HVAC, Plumbing

**Sunday, July 22, 2012**

**8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**3:00 p.m. - 6:00 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (Preregistration Required)**

New teachers will complete Unit D: Professional Linkages in the Learning Community from NCDPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

**6:00 p.m. - 7:00 p.m. 40 Hour Induction Program: Module IV—Trade and Industrial Education (Preregistration Required)**

This workshop will provide new teachers the opportunity to learn about the North Carolina Trade and Industrial Education Teachers' Association or NCTIETA. What it is, why it exists, what it does for you, and how you can get involved will be discussed.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Glenn Barefoot**, NCTIETA President, 1994-1995  
**Mike Lewis**, NCTIETA President, 2010-2011  
**Dennis Marshall**, NCTIETA President, 2012-2013

Location: Pebble Beach

**Monday, July 23, 2012**

**8:00 a.m. - 5:00 p.m. "Your Role in the Green Environment"—NCCER Green Module Instructor Certification (part 1 of 2) (Preregistration Required)**

NCCER craft instructors must successfully pass the Green Assessment to be certified and register students for this module. One full day covers the module instruction. After completing this one-day session, teachers must take and pass the assessment test, which will be given on Tuesday morning.

Sponsor: ABC of the Carolinas

Location: Auditorium II

**8:00 a.m. - 5:00 p.m. 10 Hour OSHA Safety Training (day 1 of 2) (Preregistration Required)**

Teachers will receive training and certification in the 10-Hour OSHA Construction Safety Program. Topics covered will include: overview of the Occupational Safety and Health Administration (OSHA), fall protection, basic electrical concepts, hazard communication, personal protective equipment, ladders, scaffolding, hand and power tools, and other safety considerations. This 10-hour course is divided into two days.

Location: Morehead

**8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:30 a.m. - 2:45 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (continued) (Preregistration Required)**

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

## T&I Carpentry, Masonry, Electrical, HVAC, Plumbing

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### Monday, July 23, 2012

- 8:30 a.m. - 5:00 p.m. NCCER ICTP (Instructor Certification Training Program) Class (day 1 of 3) (Preregistration Required)**  
The NCCER Craft Instructor Certification Training Program is required for all North Carolina public high school construction teachers effective August 2010. This certification class meets the North Carolina State Board of Education policy approved June 2009.  
Presenter: NCDPI and NCCER Master Trainers,  
Location: Imperial H
- 9:00 a.m. - 8:00 p.m. Project Management I Training (part 1 of 2) (Preregistration Required)**  
This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.  
Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School  
Location: Augusta AB
- 5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception**  
This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.  
Sponsor: NCACTE  
Location: Guilford DEFG

### Tuesday, July 24, 2012

- 8:00 a.m. - noon "Your Role in the Green Environment"—NCCER Green Module Instructor Certification Test (part 2 of 2) (Preregistration Required)**  
NCCER craft instructors must successfully pass the Green Assessment to be certified, and to register students for this module. This is the test day for teachers.  
Sponsor: ABC of the Carolinas  
Location: Auditorium II
- 8:00 a.m. - noon 10 Hour OSHA Safety Training (day 2 of 2) (Preregistration Required)**  
Continued from day 1.  
Presenter: **Scott Day**, Safe Day Consulting  
Location: Heritage B
- 8:00 a.m. - 1:30 p.m. Exhibitors' Showcase**  
This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.  
Sponsor: NCACTE  
Location: Guilford DEFG
- 8:00 a.m. - noon NCCER ICTP Craft Instructor Training (day 2 of 3) (Preregistration Required)**  
This is a continuation of the NCCER Craft Instructor Training certification program.  
Presenters: NC Master Trainers  
Location: Pinehurst
- 8:00 a.m. - noon Project Management I Training (part 2 of 2) (Preregistration Required)**  
This is a continuation of part 1.  
Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School  
Location: Augusta AB

# T&I Carpentry, Masonry, Electrical, HVAC, Plumbing

**Tuesday, July 24, 2012**

**8:00 a.m. - noon**

## **SkillsUSA Advisor Boot Camp**

SkillsUSA Advisor Boot Camp will train advisors to tackle the everyday responsibilities of a SkillsUSA advisor and will also provide training on using the SkillsUSA membership and online registration systems. If you have questions about how to start your chapter or have trouble navigating the national website, attend this workshop to have your issues resolved. Please bring a laptop computer to ensure that you experience hands-on training through all of the necessary steps. The workshop will have structured lessons but will be driven by the questions and needs of the audience members. This is your chance to get the answers you need.

Presenter: **Peyton Holland**, SkillsUSA Postsecondary Director

Location: Arrowhead AB

**8:00 a.m. - 5:00 p.m.**

## **T&I Headquarters**

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Presenters: **David Barbour**, 919-524-7834

**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**1:30 p.m. - 3:00 p.m.**

## **CTE Summer Conference—General Opening Session**

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson. We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President

**June St. Clair Atkinson, Ed.D.**, State Superintendent

**Janet Cowell**, State Treasurer

**CTSO Officers**

Location: Guilford ABC

**3:30 p.m. - 4:30 p.m.**

## **T&I Opening General Session**

State T&I consultants will share updates, new courses, policies, and give direction for the 2012-2013 school year.

Presenters: **David Barbour**, T&I Education Consultant, NCDPI

**Craig Pendergraft**, T&I Education Consultant, NCDPI

**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI

Location: Imperial D

**5:00 p.m. - 8:00 p.m.**

## **Third Floor Exhibitors' Showcase and Studio Presentations**

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Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

**5:00 p.m. - 7:00 p.m.**

## **Trade and Industrial Education Banquet (Invitation Only)**

NCTIETA, the professional organization for T&I teachers in North Carolina, along with some of its Industry partners, will host a pig-pickin with all the fixin's as part of its annual business meeting, awards banquet, and SkillsUSA updates. This event is for all T&I Teachers and their guests. As always, industry partners and CTE administrators are also welcome. See a NCTIETA representative for a ticket and map.

Presenters: **David Barbour**, NCTIETA President, 2011-2012

**Mike Lewis**, NCTIETA Past President, 2010-2011

**Tony Bello**, NCTIETA Treasurer

**Tammy Bradley**, NCTIETA Secretary

**Dennis Marshall**, NCTIETA President Elect, 2012-2013

**Graham Yarbough**, NCTEITA Past President

**Glenn Barefoot, Peyton Holland**, SkillsUSA Directors

Sponsor: NCTIETA, Southern Educational Systems, Snap-on, Certiport, Goodhart-Wilcox, Learning Labs, Carolina Training Associates, ABCs of the Carolinas, AutoDesk

Location: Dudley High School

# T&I Carpentry, Masonry, Electrical, HVAC, Plumbing

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## Tuesday, July 24, 2012

### 7:30 p.m. - 9:30 p.m. T&I Teacher Reception

Come network with Trade and Industrial Education staff and industry partners.

Sponsor: Today's Class, Snap-on Tools, ABC of the Carolinas, AutoDesk

Location: Parlor - T&I

## Wednesday, July 25, 2012

### 7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

### 8:00 a.m. - 9:00 a.m. Career Management Is Fun!

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

### 8:00 a.m. - 9:00 a.m. Hop on the BUS! to Entrepreneurship: The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship

**Shannon Gallagher**, NC REAL Entrepreneurship

**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

### 8:00 a.m. - noon NCCER ICTP Craft Instructor Training (day 3 of 3) (Preregistration Required)

This is the final session of the NCCER Craft Instructor Training certification program.

Presenters: NC Master Trainers

Location: Pinehurst

### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834

**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 8:30 a.m. - 10:00 a.m. Introduction to Weatherization

Teachers will learn how to teach this newly added module to their students as part of the updates made in the Essential Standards. Teachers will learn techniques and methods that meet new standards for weatherizing homes to meet federal program standards.

Sponsor: ABC of the Carolinas

Location: Joseph's Private Dining

### 8:30 a.m. - 10:00 a.m. The Ethics of Technology Use: Teaching and Living with Humanity in the World of Tomorrow

We live in a new world of wonders: videophones, instant messaging, personalized education, and marketing using psychometric systems that seem to know us better than we know ourselves. Join us today as we try to understand some of the tools that underlie our great advances in information technology as we, together, do the serious work of thinking through the collective decisions we need to make to engage with each other and with our students in order to craft laws, regulations, ethical boundaries, and best practices that allow us to stay in control of our tools rather than allowing our tools to become our masters.

Presenter: **Jonathan Wade, Ph.D.**, NCCAT

Location: Guilford C

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Presenter: **Fred Pender**, PITT Community College

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Location: Joseph's Private Dining

**10:30 a.m. - noon Using Internships and Apprenticeships in Your Programs**

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Presenter: **Kathryn Castleoes**, Apprenticeship and Training Bureau, NC Department of Labor

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**1:30 p.m. - 3:00 p.m. Incorporating Leadership in the Classroom**

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Presenter: **Dennis Marshall**, South Central High School

Location: Guilford C

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Presenter: **Tim Eldridge**, ABC of the Carolinas

Sponsor: ABC of the Carolinas

Location: Joseph's Private Dining

**3:30 p.m. - 5:00 p.m. First Aid Certification for the T&I Classroom**

Receive expert training and leave with your own First Aid Certification card. Be prepared to handle safely any accident that may occur in the classroom, shop, lab, or life that requires first aid assistance. The first 25 who arrive will be eligible for a free certification card. All others may purchase their First Aid Certification cards after the workshop for \$5.

Presenter: **Ruth Huff**, Certified First Aid Trainer, Past President NCACTE

Location: Guilford C

**3:30 p.m. - 5:00 p.m. NCCER ANR (Automated National Registry) Training**

Everything you need to know about reporting and submitting student module completion (Form 200s) using the Automated National Registry, and more.

Presenter: **Tim Eldridge**, ABC of the Carolinas

Sponsor: ABC of the Carolinas

Location: Joseph's Private Dining

**7:30 p.m. - 9:30 p.m. Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

# T&I Carpentry, Masonry, Electrical, HVAC, Plumbing

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**Thursday, July 26, 2012**

**8:00 a.m. - 3:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**8:30 a.m. - 10:00 a.m. Legal Issues That Face CTE Teachers (Repeat Session)**

Have you had potential legal questions come up and had to shrug your shoulders? Do you know the legal issues that could affect you as a CTE teacher? Do you have questions regarding students who have an IEP? Come join lawyer Bill Hatch, and learn about some of the legal issues that face CTE teachers.

Please Note: The information contained in this presentation is for general guidance on matters of interest only. Accordingly, the information in this presentation should not be used as a substitute for consultation with your school board attorney.

Presenter: **Bill Hatch**, Civil Rights/Special Pops/Equity Education Consultant, NCDPI  
Location: Imperial AB

**10:30 a.m. - noon Using Literacy to Teach Program Area Content Materials in T&I Programs (Repeat Session)**

T&I teachers are experts at teaching their specific skills through years of industry experiences. Unfortunately, these same experts in the shop need additional help when it comes to strategies at implementing literacy into their classroom. This workshop will give the T&I teachers proven methods that they can take back and use to help their students improve their reading and writing skills.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial C

**1:30 p.m. - 3:00 p.m. Carpentry Teachers Best Practices**

This session gives Carpentry teachers an opportunity to share best practices used to meet the course objectives. Content area teacher programs within NCTIETA will also discuss training desires and specifics.

Presenter: NCTIETA Carpentry Teacher Representative

Location: Auditorium IV

**1:30 p.m. - 3:00 p.m. Electrical Trades Teachers Best Practices**

This session gives Electrical Trades teachers an opportunity to share best practices used to meet the course objectives. Content area teacher programs within NCTIETA will also discuss training desires and specifics.

Presenter: NCTIETA Electrical Trades Teacher Representative

Location: Turnberry

**1:30 p.m. - 3:00 p.m. Masonry Teachers Best Practices**

This session gives Masonry teachers an opportunity to share best practices used to meet the course objectives. Content area teacher programs within NCTIETA will also discuss training desires and specifics.

Presenter: NCTIETA Masonry Teacher Representative

Location: Imperial E

**1:30 p.m. - 3:00 p.m. SkillsUSA Open Discussion**

T&I teachers and SkillsUSA advisors will have the opportunity to ask questions, address concerns, and seek directions for any area in SkillsUSA.

Presenter: **Peyton Holland**, NC SkillsUSA Advisor

Location: Imperial G

## Sunday, July 22, 2012

### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 3:00 p.m. - 6:00 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (Preregistration Required)

New teachers will complete Unit D: Professional Linkages in the Learning Community from NCDPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

### 6:00 p.m. - 7:00 p.m. 40 Hour Induction Program: Module IV—Trade and Industrial Education (Preregistration Required)

This workshop will provide new teachers the opportunity to learn about the North Carolina Trade and Industrial Education Teachers' Association or NCTIETA. What it is, why it exists, what it does for you, and how you can get involved will be discussed.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Glenn Barefoot**, NCTIETA President, 1994-1995  
**Mike Lewis**, NCTIETA President, 2010-2011  
**Dennis Marshall**, NCTIETA President, 2012-2013

Location: Pebble Beach

## Monday, July 23, 2012

### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 8:30 a.m. - 2:45 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (continued) (Preregistration Required)

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

### 8:30 a.m. - 9:30 a.m. Cisco Packet Tracer Teaching and Assessment

Use Packet Tracer to teach and assess. We should have seating for about 20 folks with computers. Bring a Laptop if you can.

Presenters: **Kelly Caudle**, Stanly Community College  
**Trent Helms**, Stanly Community College  
**Bill Reese**, Guilford County Schools

Sponsor: Stanly Community College, Guilford County Schools

Location: Weaver Academy



# T&I Computer Engineering

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**Monday, July 23, 2012**

**9:00 a.m. - 8:00 p.m. Project Management I Training (part 1 of 2) (Preregistration Required)**

This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

**9:30 a.m. - 10:30 a.m. Cisco Academy Evolution and Updates**

Whats New? What do I do now? Will my students know the difference? Where can I get instructor Training? North Carolina's ASCs and ITC will be there.

Presenters: **Kelly Caudle**, Stanly Community College  
**Trent Helms**, Stanly Community College  
**Bill Reese**, Guilford County Schools

Sponsor: Stanly Community College, Guilford County Schools

Location: Weaver Academy

**10:30 a.m. - 11:30 a.m. Cisco Virtual Academy PD and Labs**

This session will be largely based on NetLabs and presented by Stanly Community College.

Presenters: **Kelly Caudle**, Stanly Community College  
**Trent Helms**, Stanly Community College  
**Bill Reese**, Guilford County Schools

Sponsor: Stanly Community College, Guilford County Schools

Location: Weaver Academy

**11:30 a.m. - 1:00 p.m. NET and CET Communal Discussions Small Groups**

Small group discussion of topics of interest.

Presenters: **Kelly Caudle**, Stanly Community College  
**Trent Helms**, Stanly Community College  
**Bill Reese**, Guilford County Schools

Sponsor: Stanly Community College, Guilford County Schools

Location: Weaver Academy

**1:00 p.m. - 2:00 p.m. Cisco Virtual Academy Conference**

We will access and review the virtual sessions available from the Academy Conference.

Presenters: **Kelly Caudle**, Stanly Community College  
**Trent Helms**, Stanly Community College  
**Bill Reese**, Guilford County Schools

Sponsor: Stanly Community College, Guilford County Schools

Location: Weaver Academy

**2:00 p.m. - 3:00 p.m. Best Practices Cisco Discovery 1&2 Roundtable Discussion**

Bring your own tips and trick to share with others.

Presenter: Facilitated by your ASC staff

Location: Weaver Academy

### Monday, July 23, 2012

#### 3:00 p.m. - 4:00 p.m. IT Essentials - Cisco Updates and Information

Get the latest information on Cisco's A+ certification curriculum. It is online and can be used just like any other Cisco Academy course.

Presenters: **Kelly Caudle**, Stanly Community College  
**Trent Helms**, Stanly Community College  
**Bill Reese**, Guilford County Schools

Sponsor: Stanly Community College, Guilford County Schools

Location: Weaver Academy

#### 4:00 p.m. - 5:00 p.m. Open Vendor CET Session Updates

This session will be available to all CET teachers and approved CET curriculum vendors.

Presenter: Various CET curriculum providers

Location: Weaver Academy

#### 5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

### Tuesday, July 24, 2012

#### 8:00 a.m. - 1:30 p.m. Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

#### 8:00 a.m. - noon Project Management I Training (part 2 of 2) (Preregistration Required)

This is a continuation of part 1.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

#### 8:00 a.m. - noon SkillsUSA Advisor Boot Camp

SkillsUSA Advisor Boot Camp will train advisors to tackle the everyday responsibilities of a SkillsUSA advisor and will also provide training on using the SkillsUSA membership and online registration systems. If you have questions about how to start your chapter or have trouble navigating the national website, attend this workshop to have your issues resolved. Please bring a laptop computer to ensure that you experience hands-on training through all of the necessary steps. The workshop will have structured lessons but will be driven by the questions and needs of the audience members. This is your chance to get the answers you need.

Presenter: **Peyton Holland**, SkillsUSA Postsecondary Director

Location: Arrowhead AB

#### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

# T&I Computer Engineering

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**Tuesday, July 24, 2012**

**1:30 p.m. - 3:00 p.m. CTE Summer Conference—General Opening Session**

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President  
**June St. Clair Atkinson, Ed.D.**, State Superintendent  
**Janet Cowell**, State Treasurer  
**CTSO Officers**

Location: Guilford ABC

**3:30 p.m. - 4:30 p.m. T&I Opening General Session**

State T&I consultants will share updates, new courses, policies, and give direction for the 2012-2013 school year.

Presenters: **David Barbour**, T&I Education Consultant, NCDPI  
**Craig Pendergraft**, T&I Education Consultant, NCDPI  
**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI

Location: Imperial D

**5:00 p.m. - 8:00 p.m. Third Floor Exhibitors' Showcase and Studio Presentations**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

**5:00 p.m. - 7:00 p.m. Trade and Industrial Education Banquet (Invitation Only)**

NCTIETA, the professional organization for T&I teachers in North Carolina, along with some of its Industry partners, will host a pig-pickin with all the fixin's as part of its annual business meeting, awards banquet, and SkillsUSA updates. This event is for all T&I Teachers and their guests. As always, industry partners and CTE administrators are also welcome. See a NCTIETA representative for a ticket and map.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Mike Lewis**, NCTIETA Past President, 2010-2011  
**Tony Bello**, NCTIETA Treasurer  
**Tammy Bradley**, NCTIETA Secretary  
**Dennis Marshall**, NCTIETA President Elect, 2012-2013  
**Graham Yarbough**, NCTEITA Past President  
**Glenn Barefoot, Peyton Holland**, SkillsUSA Directors

Sponsor: NCTIETA, Southern Educational Systems, Snap-on, Certiport, Goodhart-Wilcox, Learning Labs, Carolina Training Associates, ABCs of the Carolinas, AutoDesk

Location: Dudley High School

**7:30 p.m. - 9:30 p.m. T&I Teacher Reception**

Come network with Trade and Industrial Education staff and industry partners.

Sponsor: Today's Class, Snap-on Tools, ABC of the Carolinas, AutoDesk

Location: Parlor - T&I

**Wednesday, July 25, 2012**

**7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**8:00 a.m. - 9:00 a.m. Career Management Is Fun!**

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

**8:00 a.m. - 9:00 a.m. Hop on the BUS! to Entrepreneurship: The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

**8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:30 a.m. - 10:00 a.m. CET I & II Blueprint and Crosswalk Update**

CompTIA has changed the standards for A+ certification. This workshop will provide teachers the new blueprints aligned to these new changes. A crosswalk document is also provided to align the old curriculum with the new standards. Forums have been created in Moodle to provide the opportunity for teachers to begin creating a statewide classroom bank of test questions and forums to allow teachers to share new materials they will have to develop as a result of the new standards.

Presenters: **Geof Duncan**, Wake County Public School System  
**Tammy Bradley**, Chapel-Hill/Carrboro Schools

Location: Carolina

**8:30 a.m. - 10:00 a.m. The Ethics of Technology Use: Teaching and Living with Humanity in the World of Tomorrow**

We live in a new world of wonders: videophones, instant messaging, personalized education, and marketing using psychometric systems that seem to know us better than we know ourselves. Join us today as we try to understand some of the tools that underlie our great advances in information technology as we, together, do the serious work of thinking through the collective decisions we need to make to engage with each other and with our students in order to craft laws, regulations, ethical boundaries, and best practices that allow us to stay in control of our tools rather than allowing our tools to become our masters.

Presenter: **Jonathan Wade, Ph.D.**, NCCAT

Location: Guilford C

# T&I Computer Engineering

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**Wednesday, July 25, 2012**

**9:15 a.m. - 10:15 a.m. Hop on the BUS! to Entrepreneurship—The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

**10:30 a.m. - noon CompTIA Updates**

CompTIA has changed more than just the A+ standards. This workshop will give you the opportunity to hear what is happening at CompTIA, why changes were made, and how these changes can help you and your students.

Presenter: **Alan Rowland**, CompTIA

Location: Carolina

**10:30 a.m. - 11:30 a.m. FIT for Business: An Update on Foundations of IT**

This session provides teachers with an understanding of Foundations of IT (FIT). FIT provides students with a basic understanding of Information Technology and the four pathways within the Career Cluster. Students should emerge with: (1) enough knowledge about each pathway to make informed decisions about what they'd like to study more, (2) a comprehensive IT vocabulary that will serve them well regardless of their career goals, (3) a basic understanding of all areas of IT that will serve as a foundation for success in any career, and (4) general IT knowledge that will benefit them regardless of whether they pursue an IT career. Join our FIT curriculum team to learn more about this exciting new course offering!

Presenters: **Geof Duncan**, ExplorNet/Centers for Quality Teaching and Learning/Knightdale High School  
**Karen Gregory**, ExplorNet/Centers for Quality Teaching and Learning/Ronald Reagan High School  
**Bryan Morrissey**, ExplorNet/Centers for Quality Teaching and Learning/Asheville High School  
**Janice Johnson**, ExplorNet/Centers for Quality Teaching and Learning

Location: Guilford G

**10:30 a.m. - noon Using Internships and Apprenticeships in Your Programs**

This workshop provides the classroom teachers a good understanding of internships and apprenticeships and how they might be used in the classroom to enhance student learning, and ensure career readiness.

Presenter: **Kathryn Castelloes**, Apprenticeship and Training Bureau, NC Department of Labor

Location: Guilford C

**1:30 p.m. - 3:00 p.m. Incorporating Leadership in the Classroom**

Learn strategies and effective practices for teaching basic leadership concepts in the Trade and Industrial Education classroom. Learn how to do more than just teach the basics of leadership, learn how to build these lessons into your daily activities in the shop, lab, or classroom.

Presenter: **Dennis Marshall**, South Central High School

Location: Guilford C

### Wednesday, July 25, 2012

**1:30 p.m. - 3:00 p.m. Troubleshooting PCs: A focus on the biggest issues from the 2011-2012 postassessments (part 1 of 2)**

The biggest issues will be addressed based on the results of the 2011-2012 CET I & II postassessments from Elements. Helpful teaching methods will be presented to help the teacher better instruct students on these issues.

Presenter: **Bill Burgess**, Carolina Training Associates

Location: Carolina

**3:30 p.m. - 5:00 p.m. First Aid Certification for the T&I Classroom**

Receive expert training and leave with your own First Aid Certification card. Be prepared to handle safely any accident that may occur in the classroom, shop, lab, or life that requires first aid assistance. The first 25 who arrive will be eligible for a free certification card. All others may purchase their First Aid Certification cards after the workshop for \$5.

Presenter: **Ruth Huff**, Certified First Aid Trainer, Past President NCACTE

Location: Guilford C

**3:30 p.m. - 5:00 p.m. Troubleshooting PCs: A focus on the biggest issues from the 2011-2012 postassessments (part 2 of 2)**

This is part II of the workshop.

Presenter: **Bill Burgess**, Carolina Training Associates

Location: Carolina

**7:30 p.m. - 9:30 p.m. Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

### Thursday, July 26, 2012

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Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase**

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Sponsor: NCACTE

Location: Third floor lobby

# T&I Computer Engineering

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**Thursday, July 26, 2012**

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T&I teachers are experts at teaching their specific skills through years of industry experiences. Unfortunately, these same experts in the shop need additional help when it comes to strategies at implementing literacy into their classroom. This workshop will give the T&I teachers proven methods that they can take back and use to help their students improve their reading and writing skills.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial C

**10:30 a.m. - noon Legal Issues That Face CTE Teachers (Repeat Session)**

Have you had potential legal questions come up and had to shrug your shoulders? Do you know the legal issues that could affect you as a CTE teacher? Do you have questions regarding students who have an IEP? Come join lawyer Bill Hatch, and learn about some of the legal issues that face CTE teachers.

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Presenter: **Bill Hatch**, Civil Rights/Special Pops/Equity Education Consultant, NCDPI

Location: Imperial AB

**1:30 p.m. - 3:00 p.m. Computer Engineering Teachers Best Practices**

This session gives Computer Engineering teachers an opportunity to share best practices used to meet the course objectives. Content area teacher programs within NCTIETA will also discuss training desires and specifics.

Presenter: NCTIETA Computer Engineering Teacher Representative

Location: Morehead

**1:30 p.m. - 3:00 p.m. SkillsUSA Open Discussion**

T&I teachers and SkillsUSA advisors will have the opportunity to ask questions, address concerns, and seek directions for any area in SkillsUSA.

Presenter: **Peyton Holland**, NC SkillsUSA Advisor

Location: Imperial G

**Sunday, July 22, 2012****8:00 a.m. - 5:00 p.m. T&I Headquarters**

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Location: Desk 6

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**Glenn Barefoot**, NCTIETA President, 1994-1995  
**Mike Lewis**, NCTIETA President, 2010-2011  
**Dennis Marshall**, NCTIETA President, 2012-2013

Location: Pebble Beach

**Monday, July 23, 2012****8:00 a.m. - 5:00 p.m. T&I Headquarters**

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**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:30 a.m. - 2:45 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (continued) (Preregistration Required)**

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

**9:00 a.m. - 8:00 p.m. Project Management I Training (part 1 of 2) (Preregistration Required)**

This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.

Presenters: **Megan R. Bell**, MPM, PMP, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB



## T&I Cosmetology

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### 5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

## Tuesday, July 24, 2012

### 8:00 a.m. - 1:30 p.m. Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

### 8:00 a.m. - noon Project Management I Training (part 2 of 2) (Preregistration Required)

This is a continuation of part 1.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

### 8:00 a.m. - noon SkillsUSA Advisor Boot Camp

SkillsUSA Advisor Boot Camp will train advisors to tackle the everyday responsibilities of a SkillsUSA advisor and will also provide training on using the SkillsUSA membership and online registration systems. If you have questions about how to start your chapter or have trouble navigating the national website, attend this workshop to have your issues resolved. Please bring a laptop computer to ensure that you experience hands-on training through all of the necessary steps. The workshop will have structured lessons but will be driven by the questions and needs of the audience members. This is your chance to get the answers you need.

Presenter: **Peyton Holland**, SkillsUSA Postsecondary Director

Location: Arrowhead AB

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Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**Tuesday, July 24, 2012**

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Come help kick off a great conference at the General Opening Session.

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We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President  
**June St. Clair Atkinson, Ed.D.**, State Superintendent  
**Janet Cowell**, State Treasurer  
**CTSO Officers**

Location: Guilford ABC

**3:30 p.m. - 4:30 p.m. T&I Opening General Session**

State T&I consultants will share updates, new courses, policies, and give direction for the 2012-2013 school year.

Presenters: **David Barbour**, T&I Education Consultant, NCDPI  
**Craig Pendergraft**, T&I Education Consultant, NCDPI  
**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI

Location: Imperial D

**5:00 p.m. - 8:00 p.m. Third Floor Exhibitors' Showcase and Studio Presentations**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

**5:00 p.m. - 7:00 p.m. Trade and Industrial Education Banquet (Invitation Only)**

NCTIETA, the professional organization for T&I teachers in North Carolina, along with some of its Industry partners, will host a pig-pickin with all the fixin's as part of its annual business meeting, awards banquet, and SkillsUSA updates. This event is for all T&I Teachers and their guests. As always, industry partners and CTE administrators are also welcome. See a NCTIETA representative for a ticket and map.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Mike Lewis**, NCTIETA Past President, 2010-2011  
**Tony Bello**, NCTIETA Treasurer  
**Tammy Bradley**, NCTIETA Secretary  
**Dennis Marshall**, NCTIETA President Elect, 2012-2013  
**Graham Yarbough**, NCTEITA Past President  
**Glenn Barefoot, Peyton Holland**, SkillsUSA Directors

Sponsor: NCTIETA, Southern Educational Systems, Snap-on, Certiport, Goodhart-Wilcox, Learning Labs, Carolina Training Associates, ABCs of the Carolinas, AutoDesk

Location: Dudley High School

**7:30 p.m. - 9:30 p.m. T&I Teacher Reception**

Come network with Trade and Industrial Education staff and industry partners.

Sponsor: Today's Class, Snap-on Tools, ABC of the Carolinas, AutoDesk

Location: Parlor - T&I

**Wednesday, July 25, 2012**

**7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**8:00 a.m. - 9:00 a.m. Career Management Is Fun!**

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

**8:00 a.m. - 5:00 p.m. Cosmetology - CEUs for your License**

Cosmetology teachers have the opportunity to earn up to 8 hours in CEUs to assist in the license renewal process. Teachers will earn up to 6 hours of CEU credit at Summer Conference, and will be assigned take-home work to complete the 8 hours.

NOTE: Attendees who want to earn CEUs must bring an additional \$60 to this session. This is in addition to the regular conference registration fee.

Presenter: **Morris Boswell**, GTCC Cosmetology Department Chair

Sponsor: Guilford Technical Community College (GTCC)

Location: Edgewood

**8:00 a.m. - 9:00 a.m. Hop on the BUS! to Entrepreneurship: The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

**8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on one of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**Wednesday, July 25, 2012**

**8:30 a.m. - 10:00 a.m. The Ethics of Technology Use: Teaching and Living with Humanity in the World of Tomorrow**

We live in a new world of wonders: videophones, instant messaging, personalized education, and marketing using psychometric systems that seem to know us better than we know ourselves. Join us today as we try to understand some of the tools that underlie our great advances in information technology as we, together, do the serious work of thinking through the collective decisions we need to make to engage with each other and with our students in order to craft laws, regulations, ethical boundaries, and best practices that allow us to stay in control of our tools rather than allowing our tools to become our masters.

Presenter: **Jonathan Wade, Ph.D.**, NCCAT

Location: Guilford C

**9:15 a.m. - 10:15 a.m. Hop on the BUS! to Entrepreneurship—The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

**10:30 a.m. - noon Using Internships and Apprenticeships in Your Programs**

This workshop provides the classroom teachers a good understanding of internships and apprenticeships and how they might be used in the classroom to enhance student learning, and ensure career readiness.

Presenter: **Kathryn Castelloes**, Apprenticeship and Training Bureau, NC Department of Labor

Location: Guilford C

**1:30 p.m. - 3:00 p.m. Incorporating Leadership in the Classroom**

Learn strategies and effective practices for teaching basic leadership concepts in the Trade and Industrial Education classroom. Learn how to do more than just teach the basics of leadership, learn how to build these lessons into your daily activities in the shop, lab, or classroom.

Presenter: **Dennis Marshall**, South Central High School

Location: Guilford C

**3:30 p.m. - 5:00 p.m. First Aid Certification for the T&I Classroom**

Receive expert training and leave with your own First Aid Certification card. Be prepared to handle safely any accident that may occur in the classroom, shop, lab, or life that requires first aid assistance. The first 25 who arrive will be eligible for a free certification card. All others may purchase their First Aid Certification cards after the workshop for \$5.

Presenter: **Ruth Huff**, Certified First Aid Trainer, Past President NCACTE

Location: Guilford C

**7:30 p.m. - 9:30 p.m. Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

# T&I Cosmetology

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**Thursday, July 26, 2012**

**8:00 a.m. - 3:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on one of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**8:30 a.m. - 10:00 a.m. Using Literacy to Teach Program Area Content Materials in T&I Programs (Repeat Session)**

T&I teachers are experts at teaching their specific skills through years of industry experiences. Unfortunately, these same experts in the shop need additional help when it comes to strategies at implementing literacy into their classroom. This workshop will give the T&I teachers proven methods that they can take back and use to help their students improve their reading and writing skills.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial C

**10:30 a.m. - noon Legal Issues That Face CTE Teachers (Repeat Session)**

Have you had potential legal questions come up and had to shrug your shoulders? Do you know the legal issues that could affect you as a CTE teacher? Do you have questions regarding students who have an IEP? Come join lawyer Bill Hatch, and learn about some of the legal issues that face CTE teachers.

Please Note: The information contained in this presentation is for general guidance on matters of interest only. Accordingly, the information in this presentation should not be used as a substitute for consultation with your school board attorney.

Presenter: **Bill Hatch**, Civil Rights/Special Pops/Equity Education Consultant, NCDPI

Location: Imperial AB

**1:30 p.m. - 3:00 p.m. Cosmetology Teachers Best Practices**

This session gives Cosmetology teachers an opportunity to share best practices used to meet the course objectives. Content area teacher programs within NCTIETA will also discuss training desires and specifics.

Presenter: NCTIETA Cosmetology Teacher Representative

Location: Oak A

**1:30 p.m. - 3:00 p.m. SkillsUSA Open Discussion**

T&I teachers and SkillsUSA advisors will have the opportunity to ask questions, address concerns, and seek directions for any area in SkillsUSA.

Presenter: **Peyton Holland**, NC SkillsUSA Advisor

Location: Imperial G

## Sunday, July 22, 2012

### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on one of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 3:00 p.m. - 6:00 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (Preregistration Required)

New teachers will complete Unit D: Professional Linkages in the Learning Community from NCDPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

### 6:00 p.m. - 7:00 p.m. 40 Hour Induction Program: Module IV—Trade and Industrial Education (Preregistration Required)

This workshop will provide new teachers the opportunity to learn about the North Carolina Trade and Industrial Education Teachers' Association or NCTIETA. What it is, why it exists, what it does for you, and how you can get involved will be discussed.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Glenn Barefoot**, NCTIETA President, 1994-1995  
**Mike Lewis**, NCTIETA President, 2010-2011  
**Dennis Marshall**, NCTIETA President, 2012-2013

Location: Pebble Beach

## Monday, July 23, 2012

### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on one of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 8:30 a.m. - 2:45 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (continued) (Preregistration Required)

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

### 8:30 a.m. - 10:00 a.m. Adobe Academy (part 1 of 6) (Preregistration Required)

This workshop is for Digital Media Teachers that will be piloting the new Adobe Curriculum courses in the 2012-2013 school year. Adobe has created curriculum that addresses their software applications and made it available online through their website. This workshop will show teachers how to access the materials and how to deliver that material to their high school students. Both Adobe Graphic Design and Adobe Web Design courses will be covered in this 1.5 day workshop.

Presenter: **Drew Cornell**, ACA Adobe Train the Trainer

Sponsor: Certiport

Location: Colony C

# T&I Digital Media, TV Broadcasting, Photography

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## Monday, July 23, 2012

### 9:00 a.m. - 8:00 p.m. **Project Management I Training (part 1 of 2) (Preregistration Required)**

This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

### 10:30 a.m. - noon **Adobe Academy (part 2 of 6) (Preregistration Required)**

Presenter: **Drew Cornell**, ACA Adobe Train the Trainer

Sponsor: Certiport

Location: Colony C

### 1:30 p.m. - 3:00 p.m. **Adobe Academy (part 3 of 6) (Preregistration Required)**

Presenter: **Drew Cornell**, ACA Adobe Train the Trainer

Sponsor: Certiport

Location: Colony C

### 3:30 p.m. - 5:00 p.m. **Adobe Academy (part 4 of 6) (Preregistration Required)**

Presenter: **Drew Cornell**, ACA Adobe Train the Trainer

Sponsor: Certiport

Location: Colony C

### 5:30 p.m. - 8:30 p.m. **Exhibitors' Showcase & Reception**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

## Tuesday, July 24, 2012

### 8:00 a.m. - 1:30 p.m. **Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

### 8:00 a.m. - noon **Project Management I Training (part 2 of 2) (Preregistration Required)**

This is a continuation of part 1.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

### 8:00 a.m. - noon **SkillsUSA Advisor Boot Camp**

SkillsUSA Advisor Boot Camp will train advisors to tackle the everyday responsibilities of a SkillsUSA advisor and will also provide training on using the SkillsUSA membership and online registration systems. If you have questions about how to start your chapter or have trouble navigating the national website, attend this workshop to have your issues resolved. Please bring a laptop computer to ensure that you experience hands-on training through all of the necessary steps. The workshop will have structured lessons but will be driven by the questions and needs of the audience members. This is your chance to get the answers you need.

Presenter: **Peyton Holland**, SkillsUSA Postsecondary Director

Location: Arrowhead AB

**Tuesday, July 24, 2012**

**8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:30 a.m. - 10:00 a.m. Adobe Academy (part 5 of 6) (Preregistration Required)**

Presenter: **Drew Cornell**, ACA Adobe Train the Trainer

Sponsor: Certiport

Location: Old North

**10:30 a.m. - noon Adobe Academy (part 6 of 6) (Preregistration Required)**

Presenter: **Drew Cornell**, ACA Adobe Train the Trainer

Sponsor: Certiport

Location: Old North

**1:30 p.m. - 3:00 p.m. CTE Summer Conference—General Opening Session**

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President  
**June St. Clair Atkinson, Ed.D.**, State Superintendent  
**Janet Cowell**, State Treasurer  
**CTSO Officers**

Location: Guilford ABC

**3:30 p.m. - 4:30 p.m. T&I Opening General Session**

State T&I consultants will share updates, new courses, policies, and give direction for the 2012-2013 school year.

Presenters: **David Barbour**, T&I Education Consultant, NCDPI  
**Craig Pendergraft**, T&I Education Consultant, NCDPI  
**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI

Location: Imperial D

**5:00 p.m. - 8:00 p.m. Third Floor Exhibitors' Showcase and Studio Presentations**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

**5:00 p.m. - 7:00 p.m. Trade and Industrial Education Banquet (Invitation Only)**

NCTIETA, the professional organization for T&I teachers in North Carolina, along with some of its Industry partners, will host a pig-pickin with all the fixin's as part of its annual business meeting, awards banquet, and SkillsUSA updates. This event is for all T&I Teachers and their guests. As always, industry partners and CTE administrators are also welcome. See a NCTIETA representative for a ticket and map.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Mike Lewis**, NCTIETA Past President, 2010-2011  
**Tony Bello**, NCTIETA Treasurer  
**Tammy Bradley**, NCTIETA Secetary  
**Dennis Marshall**, NCTIETA President Elect, 2012-2013  
**Graham Yarbough**, NCTEITA Past President  
**Glenn Barefoot, Peyton Holland**, SkillsUSA Directors

Sponsor: NCTIETA, Southern Educational Systems, Snap-on, Certiport, Goodhart-Wilcox, Learning Labs, Carolina Training Associates, ABCs of the Carolinas, AutoDesk

Location: Dudley High School



# T&I Digital Media, TV Broadcasting, Photography

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## Tuesday, July 24, 2012

### 7:30 p.m. - 9:30 p.m. T&I Teacher Reception

Come network with Trade and Industrial Education staff and industry partners.

Sponsor: Today's Class, Snap-on Tools, ABC of the Carolinas, AutoDesk

Location: Parlor - T&I

## Wednesday, July 25, 2012

### 7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

### 8:00 a.m. - 9:00 a.m. Career Management Is Fun!

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

### 8:00 a.m. - 9:00 a.m. Hop on the BUS! to Entrepreneurship: The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship

**Shannon Gallagher**, NC REAL Entrepreneurship

**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on one of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834

**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 8:30 a.m. - 10:00 a.m. Adobe Acrobat—Creating E-portfolios

This workshop will focus on Adobe Acrobat. Given the migration from paper to electronic documents, teachers need to understand how to use Adobe Acrobat to teach students how to create electronic portfolios. Please bring your own laptop computer.

Presenter: **Steve Adler**, Adobe Solutions Consultant

Sponsor: Adobe

Location: Meadowbrook

### 8:30 a.m. - 10:00 a.m. The Ethics of Technology Use: Teaching and Living with Humanity in the World of Tomorrow

We live in a new world of wonders: videophones, instant messaging, personalized education, and marketing using psychometric systems that seem to know us better than we know ourselves. Join us today as we try to understand some of the tools that underlie our great advances in information technology as we, together, do the serious work of thinking through the collective decisions we need to make to engage with each other and with our students in order to craft laws, regulations, ethical boundaries, and best practices that allow us to stay in control of our tools rather than allowing our tools to become our masters.

Presenter: **Jonathan Wade, Ph.D.**, NCCAT

Location: Guilford C

**Wednesday, July 25, 2012**

**9:15 a.m. - 10:15 a.m. Hop on the BUS! to Entrepreneurship—The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

**10:30 a.m. - noon Adobe InDesign**

In this workshop, teachers will learn some basic knowledge of Adobe InDesign. Adobe InDesign software is a versatile desktop publishing application that gives you pixel-perfect control over design and typography. Create elegant and engaging pages for print, tablets, and other screens. Use Adaptive Design Tools to easily repurpose layouts to look great on a variety of pages sizes, orientations, or devices.

Presenter: **Steve Adler**, Adobe Solutions Consultant

Sponsor: Adobe

Location: Meadowbrook

**10:30 a.m. - noon Using Internships and Apprenticeships in Your Programs**

This workshop provides the classroom teachers a good understanding of internships and apprenticeships and how they might be used in the classroom to enhance student learning, and ensure career readiness.

Presenter: **Kathryn Castelloes**, Apprenticeship and Training Bureau,  
NC Department of Labor

Location: Guilford C

**1:30 p.m. - 3:00 p.m. Adobe Photoshop**

This workshop will focus on Adobe Photoshop, the number one software application for modifying images. In this workshop, teachers will be able to learn hands-on applications/features of Photoshop that they can take back to their classroom. Bring your laptop.

Presenter: **Steve Adler**, Adobe Solutions Consultant

Location: Meadowbrook

**1:30 p.m. - 3:00 p.m. Incorporating Leadership in the Classroom**

Learn strategies and effective practices for teaching basic leadership concepts in the Trade and Industrial Education classroom. Learn how to do more than just teach the basics of leadership, learn how to build these lessons into your daily activities in the shop, lab, or classroom.

Presenter: **Dennis Marshall**, South Central High School

Location: Guilford C

**3:30 p.m. - 5:00 p.m. Adobe Dreamweaver**

All Digital media teachers need more knowledge on Adobe Dreamweaver. Come prepared to gain a better understanding of this application. Utilizing the Adobe Solution Consultant, time will be made available for your issues or features to be discussed. Bring your Laptop.

Presenter: **Steve Alder**, Adobe Education Solutions Consultant

Location: Meadowbrook

**3:30 p.m. - 5:00 p.m. First Aid Certification for the T&I Classroom**

Receive expert training and leave with your own First Aid Certification card. Be prepared to handle safely any accident that may occur in the classroom, shop, lab, or life that requires first aid assistance. The first 25 who arrive will be eligible for a free certification card. All others may purchase their First Aid Certification cards after the workshop for \$5.

Presenter: **Ruth Huff**, Certified First Aid Trainer, Past President NCACTE

Location: Guilford C

# T&I Digital Media, TV Broadcasting, Photography

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## Wednesday, July 25, 2012

### 7:30 p.m. - 9:30 p.m. Reception for Outgoing NCACTE President Bill Ellis

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

## Thursday, July 26, 2012

### 8:00 a.m. - 3:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on one of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

### 8:30 a.m. - 10:00 a.m. Using Literacy to Teach Program Area Content Materials in T&I Programs (Repeat Session)

T&I teachers are experts at teaching their specific skills through years of industry experiences. Unfortunately, these same experts in the shop need additional help when it comes to strategies at implementing literacy into their classroom. This workshop will give the T&I teachers proven methods that they can take back and use to help their students improve their reading and writing skills.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW  
Location: Imperial C

### 10:30 a.m. - noon Legal Issues That Face CTE Teachers (Repeat Session)

Have you had potential legal questions come up and had to shrug your shoulders? Do you know the legal issues that could affect you as a CTE teacher? Do you have questions regarding students who have an IEP? Come join lawyer Bill Hatch, and learn about some of the legal issues that face CTE teachers.

Please Note: The information contained in this presentation is for general guidance on matters of interest only. Accordingly, the information in this presentation should not be used as a substitute for consultation with your school board attorney.

Presenter: **Bill Hatch**, Civil Rights/Special Pops/Equity Education Consultant, NCDPI

Location: Imperial AB

### 1:30 p.m. - 3:00 p.m. Digital Media, TV Broadcasting Teachers Best Practices

This session gives Digital Media and TV Broadcasting teachers an opportunity to share best practices used to meet the course objectives. Content area teacher programs within NCTIETA will also discuss training desires and specifics.

Presenter: NCTIETA Digital Media Teacher Representative

Location: Augusta A

### 1:30 p.m. - 3:00 p.m. SkillsUSA Open Discussion

T&I teachers and SkillsUSA advisors will have the opportunity to ask questions, address concerns, and seek directions for any area in SkillsUSA.

Presenter: **Peyton Holland**, NC SkillsUSA Advisor

Location: Imperial G

**Sunday, July 22, 2012****8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**3:00 p.m. - 6:00 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (Preregistration Required)**

New teachers will complete Unit D: Professional Linkages in the Learning Community from NCDPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

**6:00 p.m. - 7:00 p.m. 40 Hour Induction Program: Module IV—Trade and Industrial Education (Preregistration Required)**

This workshop will provide new teachers the opportunity to learn about the North Carolina Trade and Industrial Education Teachers' Association or NCTIETA. What it is, why it exists, what it does for you, and how you can get involved will be discussed.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Glenn Barefoot**, NCTIETA President, 1994-1995  
**Mike Lewis**, NCTIETA President, 2010-2011  
**Dennis Marshall**, NCTIETA President, 2012-2013

Location: Pebble Beach

**Monday, July 23, 2012****8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:30 a.m. - 2:45 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (continued) (Preregistration Required)**

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

**9:00 a.m. - 8:00 p.m. Project Management I Training (part 1 of 2) (Preregistration Required)**

This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

## T&I Drafting

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### Monday, July 23, 2012

#### 5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

### Tuesday, July 24, 2012

#### 8:00 a.m. - 1:30 p.m. Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

#### 8:00 a.m. - noon Project Management I Training (part 2 of 2) (Preregistration Required)

This is a continuation of part 1.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

#### 8:00 a.m. - noon SkillsUSA Advisor Boot Camp

SkillsUSA Advisor Boot Camp will train advisors to tackle the everyday responsibilities of a SkillsUSA advisor and will also provide training on using the SkillsUSA membership and online registration systems. If you have questions about how to start your chapter or have trouble navigating the national website, attend this workshop to have your issues resolved. Please bring a laptop computer to ensure that you experience hands-on training through all of the necessary steps. The workshop will have structured lessons but will be driven by the questions and needs of the audience members. This is your chance to get the answers you need.

Presenter: **Peyton Holland**, SkillsUSA Postsecondary Director

Location: Arrowhead AB

#### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on one of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

#### 1:30 p.m. - 3:00 p.m. CTE Summer Conference—General Opening Session

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President  
**June St. Clair Atkinson, Ed.D.**, State Superintendent  
**Janet Cowell**, State Treasurer  
**CTSO Officers**

Location: Guilford ABC

**Tuesday, July 24, 2012****3:30 p.m. - 4:30 p.m. T&I Opening General Session**

State T&I consultants will share updates, new courses, policies, and give direction for the 2012-2013 school year.

Presenters: **David Barbour**, T&I Education Consultant, NCDPI  
**Craig Pendergraft**, T&I Education Consultant, NCDPI  
**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI

Location: Imperial D

**5:00 p.m. - 8:00 p.m. Third Floor Exhibitors' Showcase and Studio Presentations**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

**5:00 p.m. - 7:00 p.m. Trade and Industrial Education Banquet (Invitation Only)**

NCTIETA, the professional organization for T&I teachers in North Carolina, along with some of its Industry partners, will host a pig-pickin with all the fixin's as part of its annual business meeting, awards banquet, and SkillsUSA updates. This event is for all T&I Teachers and their guests. As always, industry partners and CTE administrators are also welcome. See a NCTIETA representative for a ticket and map.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Mike Lewis**, NCTIETA Past President, 2010-2011  
**Tony Bello**, NCTIETA Treasurer  
**Tammy Bradley**, NCTIETA Secretary  
**Dennis Marshall**, NCTIETA President Elect, 2012-2013  
**Graham Yarbough**, NCTEITA Past President  
**Glenn Barefoot, Peyton Holland**, SkillsUSA Directors

Sponsor: NCTIETA, Southern Educational Systems, Snap-on, Certiport, Goodhart-Wilcox, Learning Labs, Carolina Training Associates, ABCs of the Carolinas, AutoDesk

Location: Dudley High School

**7:30 p.m. - 9:30 p.m. T&I Teacher Reception**

Come network with Trade and Industrial Education staff and industry partners.

Sponsor: Today's Class, Snap-on Tools, ABC of the Carolinas, AutoDesk

Location: Parlor - T&I

**Wednesday, July 25, 2012****7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**8:00 a.m. - 9:00 a.m. Career Management Is Fun!**

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

## T&I Drafting

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**Wednesday, July 25, 2012**

**8:00 a.m. - 5:00 p.m. Focusing on Improving your CAD Drafting Skills, and the Future of Teacher and Student Certifications in Drafting**

Applied Software drafting experts will provide helpful instruction and teaching techniques to address multiple areas of concern in CAD Drafting as they relate to classroom instruction. Teacher and Student Certification in various Autodesk products will also be discussed during this time. This is an all-day hands-on workshop. Teachers need to bring their own laptop computer preloaded with drafting software.

Presenter: **Kris Dell**, Applied Software

Sponsor: Applied Software

Location: Augusta B

**8:00 a.m. - 9:00 a.m. Hop on the BUS! to Entrepreneurship: The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

**8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:30 a.m. - 10:00 a.m. The Ethics of Technology Use: Teaching and Living with Humanity in the World of Tomorrow**

We live in a new world of wonders: videophones, instant messaging, personalized education, and marketing using psychometric systems that seem to know us better than we know ourselves. Join us today as we try to understand some of the tools that underlie our great advances in information technology as we, together, do the serious work of thinking through the collective decisions we need to make to engage with each other and with our students in order to craft laws, regulations, ethical boundaries, and best practices that allow us to stay in control of our tools rather than allowing our tools to become our masters.

Presenter: **Jonathan Wade, Ph.D.**, NCCAT

Location: Guilford C

**9:15 a.m. - 10:15 a.m. Hop on the BUS! to Entrepreneurship-The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

**Wednesday, July 25, 2012****10:30 a.m. - noon Using Internships and Apprenticeships in Your Programs**

This workshop provides the classroom teachers a good understanding of internships and apprenticeships and how they might be used in the classroom to enhance student learning, and ensure career readiness.

Presenter: **Kathryn Castelloes**, Apprenticeship and Training Bureau, NC Department of Labor

Location: Guilford C

**1:30 p.m. - 3:00 p.m. Incorporating Leadership in the Classroom**

Learn strategies and effective practices for teaching basic leadership concepts in the Trade and Industrial Education classroom. Learn how to do more than just teach the basics of leadership, learn how to build these lessons into your daily activities in the shop, lab, or classroom.

Presenter: **Dennis Marshall**, South Central High School

Location: Guilford C

**3:30 p.m. - 5:00 p.m. First Aid Certification for the T&I Classroom**

Receive expert training and leave with your own First Aid Certification card. Be prepared to handle safely any accident that may occur in the classroom, shop, lab, or life that requires first aid assistance. The first 25 who arrive will be eligible for a free certification card. All others may purchase their First Aid Certification cards after the workshop for \$5.

Presenter: **Ruth Huff**, Certified First Aid Trainer, Past President NCACTE

Location: Guilford C

**7:30 p.m. - 9:30 p.m. Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

**Thursday, July 26, 2012****8:00 a.m. - 3:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on one of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby



**Thursday, July 26, 2012**

**8:30 a.m. - 10:00 a.m. Legal Issues That Face CTE Teachers (Repeat Session)**

Have you had potential legal questions come up and had to shrug your shoulders? Do you know the legal issues that could affect you as a CTE teacher? Do you have questions regarding students who have an IEP? Come join lawyer Bill Hatch, and learn about some of the legal issues that face CTE teachers.

Please Note: The information contained in this presentation is for general guidance on matters of interest only. Accordingly, the information in this presentation should not be used as a substitute for consultation with your school board attorney.

Presenter: **Bill Hatch**, Civil Rights/Special Pops/Equity Education Consultant, NCDPI

Location: Imperial AB

**10:30 a.m. - noon Using Literacy to Teach Program Area Content Materials in T&I Programs (Repeat Session)**

T&I teachers are experts at teaching their specific skills through years of industry experiences. Unfortunately, these same experts in the shop need additional help when it comes to strategies at implementing literacy into their classroom. This workshop will give the T&I teachers proven methods that they can take back and use to help their students improve their reading and writing skills.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial C

**1:30 p.m. - 3:00 p.m. Drafting Teachers Best Practices**

This session gives Drafting teachers an opportunity to share best practices used to meet the course objectives. Content area teacher programs within NCTIETA will also discuss training desires and specifics.

Presenter: NCTIETA Drafting Teacher Representative

Location: Pebble Beach

**1:30 p.m. - 3:00 p.m. SkillsUSA Open Discussion**

T&I teachers and SkillsUSA advisors will have the opportunity to ask questions, address concerns, and seek directions for any area in SkillsUSA.

Presenter: **Peyton Holland**, NC SkillsUSA Advisor

Location: Imperial G

**Sunday, July 22, 2012****8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**3:00 p.m. - 6:00 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (Preregistration Required)**

New teachers will complete Unit D: Professional Linkages in the Learning Community from NCDPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

**6:00 p.m. - 7:00 p.m. 40 Hour Induction Program: Module IV—Trade and Industrial Education (Preregistration Required)**

This workshop will provide new teachers the opportunity to learn about the North Carolina Trade and Industrial Education Teachers' Association or NCTIETA. What it is, why it exists, what it does for you, and how you can get involved will be discussed.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Glenn Barefoot**, NCTIETA President, 1994-1995  
**Mike Lewis**, NCTIETA President, 2010-2011  
**Dennis Marshall**, NCTIETA President, 2012-2013

Location: Pebble Beach

**Monday, July 23, 2012****8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:30 a.m. - 2:45 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (continued) (Preregistration Required)**

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

**9:00 a.m. - 8:00 p.m. Project Management I Training (part 1 of 2) (Preregistration Required)**

This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.

Presenters: **Megan R. Bell**, MPM, PMP, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

# T&I Electronics

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## Monday, July 23, 2012

### 5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

## Tuesday, July 24, 2012

### 8:00 a.m. - 1:30 p.m. Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

### 8:00 a.m. - noon Project Management I Training (part 2 of 2) (Preregistration Required)

This is a continuation of part 1.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager

**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School

**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

### 8:00 a.m. - noon SkillsUSA Advisor Boot Camp

SkillsUSA Advisor Boot Camp will train advisors to tackle the everyday responsibilities of a SkillsUSA advisor and will also provide training on using the SkillsUSA membership and online registration systems. If you have questions about how to start your chapter or have trouble navigating the national website, attend this workshop to have your issues resolved. Please bring a laptop computer to ensure that you experience hands-on training through all of the necessary steps. The workshop will have structured lessons but will be driven by the questions and needs of the audience members. This is your chance to get the answers you need.

Presenter: **Peyton Holland**, SkillsUSA Postsecondary Director

Location: Arrowhead AB

### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on one of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834

**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 1:30 p.m. - 3:00 p.m. CTE Summer Conference — General Opening Session

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President

**June St. Clair Atkinson, Ed.D.**, State Superintendent

**Janet Cowell**, State Treasurer

**CTSO Officers**

Location: Guilford ABC

**Tuesday, July 24, 2012****3:30 p.m. - 4:30 p.m. T&I Opening General Session**

State T&I consultants will share updates, new courses, policies, and give direction for the 2012-2013 school year.

Presenters: **David Barbour**, T&I Education Consultant, NCDPI  
**Craig Pendergraft**, T&I Education Consultant, NCDPI  
**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI

Location: Imperial D

**5:00 p.m. - 8:00 p.m. Third Floor Exhibitors' Showcase and Studio Presentations**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

**5:00 p.m. - 7:00 p.m. Trade and Industrial Education Banquet (Invitation Only)**

NCTIETA, the professional organization for T&I teachers in North Carolina, along with some of its Industry partners, will host a pig-pickin with all the fixin's as part of its annual business meeting, awards banquet, and SkillsUSA updates. This event is for all T&I Teachers and their guests. As always, industry partners and CTE administrators are also welcome. See a NCTIETA representative for a ticket and map.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Mike Lewis**, NCTIETA Past President, 2010-2011  
**Tony Bello**, NCTIETA Treasurer  
**Tammy Bradley**, NCTIETA Secretary  
**Dennis Marshall**, NCTIETA President Elect, 2012-2013  
**Graham Yarbough**, NCTEITA Past President  
**Glenn Barefoot, Peyton Holland**, SkillsUSA Directors

Sponsor: NCTIETA, Southern Educational Systems, Snap-on, Certiport, Goodhart-Wilcox, Learning Labs, Carolina Training Associates, ABCs of the Carolinas, AutoDesk

Location: Dudley High School

**7:30 p.m. - 9:30 p.m. T&I Teacher Reception**

Come network with Trade and Industrial Education staff and industry partners.

Sponsor: Today's Class, Snap-on Tools, ABC of the Carolinas, AutoDesk

Location: Parlor - T&I

**Wednesday, July 25, 2012****7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**8:00 a.m. - 9:00 a.m. Career Management Is Fun!**

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

**Wednesday, July 25, 2012**

- 8:00 a.m. - 9:00 a.m. Hop on the BUS! to Entrepreneurship: The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**  
Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.  
Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System  
Location: Victoria C
- 8:00 a.m. - 5:00 p.m. T&I Headquarters**  
Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.  
Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776  
Location: Desk 6
- 8:30 a.m. - noon Electronics ETA CETa Certification (part 1 of 3)**  
This session prepares attendees to take the ETA CETa exam. CETa certification is required for all Electronics teachers, and must be re-certified every two years. This workshop is offered once every two years.  
Presenter: **John Baldwin**, CET Senior, ETA  
Sponsor: ETA  
Location: Links
- 8:30 a.m. - 10:00 a.m. The Ethics of Technology Use: Teaching and Living with Humanity in the World of Tomorrow**  
We live in a new world of wonders: videophones, instant messaging, personalized education, and marketing using psychometric systems that seem to know us better than we know ourselves. Join us today as we try to understand some of the tools that underlie our great advances in information technology as we, together, do the serious work of thinking through the collective decisions we need to make to engage with each other and with our students in order to craft laws, regulations, ethical boundaries, and best practices that allow us to stay in control of our tools rather than allowing our tools to become our masters.  
Presenter: **Jonathan Wade, Ph.D.**, NCCAT  
Location: Guilford C
- 9:15 a.m. - 10:15 a.m. Hop on the BUS! to Entrepreneurship—The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**  
Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.  
Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System  
Location: Victoria C
- 10:30 a.m. - noon Using Internships and Apprenticeships in Your Programs**  
This workshop provides the classroom teachers a good understanding of internships and apprenticeships and how they might be used in the classroom to enhance student learning, and ensure career readiness.  
Presenter: **Kathryn Castelloes**, Apprenticeship and Training Bureau, NC Department of Labor  
Location: Guilford C

**Wednesday, July 25, 2012****1:30 p.m. - 3:00 p.m. Electronics ETA CETa Certification (part 2 of 3)**

Continuation of the training.

Presenter: **John Baldwin**, CET Senior, ETA

Sponsor: ETA

Location: Links

**1:30 p.m. - 3:00 p.m. Incorporating Leadership in the Classroom**

Learn strategies and effective practices for teaching basic leadership concepts in the Trade and Industrial Education classroom. Learn how to do more than just teach the basics of leadership, learn how to build these lessons into your daily activities in the shop, lab, or classroom.

Presenter: **Dennis Marshall**, South Central High School

Location: Guilford C

**3:30 p.m. - 5:00 p.m. Electronics ETA CETa Certification (part 3 of 3)**

The ETA CETa certification will be given at no charge to all teachers in attendance for this workshop. Once the teacher has passed this CETa Certification, they will be certified as ETA Proctors, allowing them to give the certification exam to their students.

Presenter: **John Baldwin**, CET Senior, ETA

Sponsor: ETA

Location: Links

**3:30 p.m. - 5:00 p.m. First Aid Certification for the T&I Classroom**

Receive expert training and leave with your own First Aid Certification card. Be prepared to handle safely any accident that may occur in the classroom, shop, lab, or life that requires first aid assistance. The first 25 who arrive will be eligible for a free certification card. All others may purchase their First Aid Certification cards after the workshop for \$5.

Presenter: **Ruth Huff**, Certified First Aid Trainer, Past President NCACTE

Location: Guilford C

**7:30 p.m. - 9:30 p.m. Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

**Thursday, July 26, 2012****8:00 a.m. - 3:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834

**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**Thursday, July 26, 2012**

**8:30 a.m. - 10:00 a.m. Using Literacy to Teach Program Area Content Materials in T&I Programs (Repeat Session)**

T&I teachers are experts at teaching their specific skills through years of industry experiences. Unfortunately, these same experts in the shop need additional help when it comes to strategies at implementing literacy into their classroom. This workshop will give the T&I teachers proven methods that they can take back and use to help their students improve their reading and writing skills.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial C

**10:30 a.m. - noon Legal Issues That Face CTE Teachers (Repeat Session)**

Have you had potential legal questions come up and had to shrug your shoulders? Do you know the legal issues that could affect you as a CTE teacher? Do you have questions regarding students who have an IEP? Come join lawyer Bill Hatch, and learn about some of the legal issues that face CTE teachers.

Please Note: The information contained in this presentation is for general guidance on matters of interest only. Accordingly, the information in this presentation should not be used as a substitute for consultation with your school board attorney.

Presenter: **Bill Hatch**, Civil Rights/Special Pops/Equity Education Consultant, NCDPI

Location: Imperial AB

**1:30 p.m. - 3:00 p.m. Electronics Teachers Best Practices**

This session gives Electronics teachers an opportunity to share best practices used to meet the course objectives. Content area teacher programs within NCTIETA will also discuss training desires and specifics.

Presenter: NCTIETA Electronics Teacher Representative

Location: Pinehurst

**1:30 p.m. - 3:00 p.m. SkillsUSA Open Discussion**

T&I teachers and SkillsUSA advisors will have the opportunity to ask questions, address concerns, and seek directions for any area in SkillsUSA.

Presenter: **Peyton Holland**, NC SkillsUSA Advisor

Location: Imperial G

## Sunday, July 22, 2012

### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 3:00 p.m. - 6:00 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (Preregistration Required)

New teachers will complete Unit D: Professional Linkages in the Learning Community from NCDPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

### 6:00 p.m. - 7:00 p.m. 40 Hour Induction Program: Module IV—Trade and Industrial Education (Preregistration Required)

This workshop will provide new teachers the opportunity to learn about the North Carolina Trade and Industrial Education Teachers' Association or NCTIETA. What it is, why it exists, what it does for you, and how you can get involved will be discussed.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Glenn Barefoot**, NCTIETA President, 1994-1995  
**Mike Lewis**, NCTIETA President, 2010-2011  
**Dennis Marshall**, NCTIETA President, 2012-2013

Location: Pebble Beach

## Monday, July 23, 2012

### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 8:30 a.m. - 2:45 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (continued) (Preregistration Required)

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

### 9:00 a.m. - 8:00 p.m. Project Management I Training (part 1 of 2) (Preregistration Required)

This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.

Presenters: **Megan R. Bell**, MPM, PMP, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB



# T&I Metals Manufacturing

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## Monday, July 23, 2012

### 5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

## Tuesday, July 24, 2012

### 8:00 a.m. - 1:30 p.m. Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

### 8:00 a.m. - noon Project Management I Training (part 2 of 2) (Preregistration Required)

This is a continuation of part 1.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

### 8:00 a.m. - noon SkillsUSA Advisor Boot Camp

SkillsUSA Advisor Boot Camp will train advisors to tackle the everyday responsibilities of a SkillsUSA advisor and will also provide training on using the SkillsUSA membership and online registration systems. If you have questions about how to start your chapter or have trouble navigating the national website, attend this workshop to have your issues resolved. Please bring a laptop computer to ensure that you experience hands-on training through all of the necessary steps. The workshop will have structured lessons but will be driven by the questions and needs of the audience members. This is your chance to get the answers you need.

Presenter: **Peyton Holland**, SkillsUSA Postsecondary Director

Location: Arrowhead AB

### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on one of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 1:30 p.m. - 3:00 p.m. CTE Summer Conference—General Opening Session

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President  
**June St. Clair Atkinson, Ed.D.**, State Superintendent  
**Janet Cowell**, State Treasurer  
**CTSO Officers**

Location: Guilford ABC

### Tuesday, July 24, 2012

#### 3:30 p.m. - 4:30 p.m. T&I Opening General Session

State T&I consultants will share updates, new courses, policies, and give direction for the 2012-2013 school year.

Presenters: **David Barbour**, T&I Education Consultant, NCDPI  
**Craig Pendergraft**, T&I Education Consultant, NCDPI  
**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI

Location: Imperial D

#### 5:00 p.m. - 8:00 p.m. Third Floor Exhibitors' Showcase and Studio Presentations

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

#### 5:00 p.m. - 7:00 p.m. Trade and Industrial Education Banquet (Invitation Only)

NCTIETA, the professional organization for T&I teachers in North Carolina, along with some of its Industry partners, will host a pig-pickin with all the fixin's as part of its annual business meeting, awards banquet, and SkillsUSA updates. This event is for all T&I Teachers and their guests. As always, industry partners and CTE administrators are also welcome. See a NCTIETA representative for a ticket and map.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Mike Lewis**, NCTIETA Past President, 2010-2011  
**Tony Bello**, NCTIETA Treasurer  
**Tammy Bradley**, NCTIETA Secretary  
**Dennis Marshall**, NCTIETA President Elect, 2012-2013  
**Graham Yarbough**, NCTEITA Past President  
**Glenn Barefoot, Peyton Holland**, SkillsUSA Directors

Sponsor: NCTIETA, Southern Educational Systems, Snap-on, Certiport, Goodhart-Wilcox, Learning Labs, Carolina Training Associates, ABCs of the Carolinas, AutoDesk

Location: Dudley High School

#### 7:30 p.m. - 9:30 p.m. T&I Teacher Reception

Come network with Trade and Industrial Education staff and industry partners.

Sponsor: Today's Class, Snap-on Tools, ABC of the Carolinas, AutoDesk

Location: Parlor - T&I

### Wednesday, July 25, 2012

#### 7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

#### 8:00 a.m. - 9:00 a.m. Career Management Is Fun!

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

# T&I Metals Manufacturing

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**Wednesday, July 25, 2012**

**8:00 a.m. - 9:00 a.m. Hop on the BUS! to Entrepreneurship: The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

**8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:30 a.m. - 10:00 a.m. The Ethics of Technology Use: Teaching and Living with Humanity in the World of Tomorrow**

We live in a new world of wonders: videophones, instant messaging, personalized education, and marketing using psychometric systems that seem to know us better than we know ourselves. Join us today as we try to understand some of the tools that underlie our great advances in information technology as we, together, do the serious work of thinking through the collective decisions we need to make to engage with each other and with our students in order to craft laws, regulations, ethical boundaries, and best practices that allow us to stay in control of our tools rather than allowing our tools to become our masters.

Presenter: **Jonathan Wade, Ph.D.**, NCCAT

Location: Guilford C

**8:30 a.m. - 10:00 a.m. Updating Your Metals Skills (part 1 of 4)**

This hands-on workshop in the Lenoir Community College Mobile Machine Lab provides teachers an opportunity to update their metal skills.

Access this session through the doors at the end of the hallway between the Biltmore and Gate City rooms.

Presenters: **Paul Hill**, Lenoir Community College

Sponsor: Lenoir Community College

Location: Lenoir CC Mobile Facility

**9:15 a.m. - 10:15 a.m. Hop on the BUS! to Entrepreneurship—The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

**10:30 a.m. - noon Updating Your Metals Skills (part 2 of 4)**

This is part II of this workshop

Presenters: **Paul Hill**, Lenoir Community College

Sponsor: Lenoir Community College

Location: Lenoir CC Mobile Facility

**Wednesday, July 25, 2012**

**10:30 a.m. - noon Using Internships and Apprenticeships in Your Programs**

This workshop provides the classroom teachers a good understanding of internships and apprenticeships and how they might be used in the classroom to enhance student learning, and ensure career readiness.

Presenter: **Kathryn Castelloes**, Apprenticeship and Training Bureau, NC Department of Labor

Location: Guilford C

**1:30 p.m. - 3:00 p.m. Incorporating Leadership in the Classroom**

Learn strategies and effective practices for teaching basic leadership concepts in the Trade and Industrial Education classroom. Learn how to do more than just teach the basics of leadership, learn how to build these lessons into your daily activities in the shop, lab, or classroom.

Presenters: **Dennis Marshall**, South Central High School

Location: Guilford C

**1:30 p.m. - 3:00 p.m. Updating Your Metals Skills (part 3 of 4)**

This is part III of this workshop

Presenter: **Paul Hill**, Lenoir Community College

Sponsor: Lenoir Community College

Location: Lenoir CC Mobile Facility

**3:30 p.m. - 5:00 p.m. First Aid Certification for the T&I Classroom**

Receive expert training and leave with your own First Aid Certification card. Be prepared to handle safely any accident that may occur in the classroom, shop, lab, or life that requires first aid assistance. The first 25 who arrive will be eligible for a free certification card. All others may purchase their First Aid Certification cards after the workshop for \$5.

Presenter: **Ruth Huff**, Certified First Aid Trainer, Past President NCACTE

Location: Guilford C

**3:30 p.m. - 5:00 p.m. Updating Your Metals Skills (part 4 of 4)**

This is part IV of this workshop

Presenter: **Paul Hill**, Lenoir Community College

Sponsor: Lenoir Community College

Location: Lenoir CC Mobile Facility

**7:30 p.m. - 9:30 p.m. Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

# T&I Metals Manufacturing

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**Thursday, July 26, 2012**

**8:00 a.m. - 3:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**8:30 a.m. - 10:00 a.m. Using Literacy to Teach Program Area Content Materials in T&I Programs (Repeat Session)**

T&I teachers are experts at teaching their specific skills through years of industry experiences. Unfortunately, these same experts in the shop need additional help when it comes to strategies at implementing literacy into their classroom. This workshop will give the T&I teachers proven methods that they can take back and use to help their students improve their reading and writing skills.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial C

**10:30 a.m. - noon Legal Issues That Face CTE Teachers (Repeat Session)**

Have you had potential legal questions come up and had to shrug your shoulders? Do you know the legal issues that could affect you as a CTE teacher? Do you have questions regarding students who have an IEP? Come join lawyer Bill Hatch, and learn about some of the legal issues that face CTE teachers.

Please Note: The information contained in this presentation is for general guidance on matters of interest only. Accordingly, the information in this presentation should not be used as a substitute for consultation with your school board attorney.

Presenter: **Bill Hatch**, Civil Rights/Special Pops/Equity Education Consultant, NCDPI

Location: Imperial AB

**1:30 p.m. - 3:00 p.m. Metals Manufacturing Teachers Best Practices**

This session gives Metals Manufacturing teachers an opportunity to share best practices used to meet the course objectives. Content area teacher programs within NCTIETA will also discuss training desires and specifics.

Presenter: NCTIETA Metals Manufacturing Teacher Representative

Location: Edgewood

**1:30 p.m. - 3:00 p.m. SkillsUSA Open Discussion**

T&I teachers and SkillsUSA advisors will have the opportunity to ask questions, address concerns, and seek directions for any area in SkillsUSA.

Presenter: **Peyton Holland**, NC SkillsUSA Advisor

Location: Imperial G

### Sunday, July 22, 2012

#### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

#### 3:00 p.m. - 6:00 p.m. 40 Hour Induction Program: Module IV – For All CTE Program Areas (Preregistration Required)

New teachers will complete Unit D: Professional Linkages in the Learning Community from NCDPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

#### 6:00 p.m. - 7:00 p.m. 40 Hour Induction Program: Module IV – Trade and Industrial Education (Preregistration Required)

This workshop will provide new teachers the opportunity to learn about the North Carolina Trade and Industrial Education Teachers' Association or NCTIETA. What it is, why it exists, what it does for you, and how you can get involved will be discussed.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Glenn Barefoot**, NCTIETA President, 1994-1995  
**Mike Lewis**, NCTIETA President, 2010-2011  
**Dennis Marshall**, NCTIETA President, 2012-2013

Location: Pebble Beach

### Monday, July 23, 2012

#### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

#### 8:30 a.m. - 2:45 p.m. 40 Hour Induction Program: Module IV – For All CTE Program Areas (continued) (Preregistration Required)

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

#### 8:30 a.m. - 9:30 a.m. Cisco Packet Tracer Teaching and Assessment

Use Packet Tracer to teach and assess. We should have seating for about 20 folks with computers. Bring a Laptop if you can.

Presenters: **Kelly Caudle**, Stanly Community College  
**Trent Helms**, Stanly Community College  
**Bill Reese**, Guilford County Schools

Sponsor: Stanly Community College, Guilford County Schools

Location: Weaver Academy

#### 9:00 a.m. - 8:00 p.m. Project Management I Training (part 1 of 2) (Preregistration Required)

This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.

Presenters: **Megan R. Bell**, MPM, PMP, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

# T&I Network Engineering

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**Monday, July 23, 2012**

**9:30 a.m. - 10:30 a.m. Cisco Academy Evolution and Updates**

Whats New? What do I do now? Will my students know the difference? Where can I get instructor Training? North Carolina's ASCs and ITC will be there.

Presenters: **Kelly Caudle**, Stanly Community College  
**Trent Helms**, Stanly Community College  
**Bill Reese**, Guilford County Schools

Sponsor: Stanly Community College, Guilford County Schools  
Location: Weaver Academy

**10:30 a.m. - 11:30 a.m. Cisco Virtual Academy PD and Labs**

This session will be largely based on NetLabs and presented by Stanly Community College.

Presenters: **Kelly Caudle**, Stanly Community College  
**Trent Helms**, Stanly Community College  
**Bill Reese**, Guilford County Schools

Sponsor: Stanly Community College, Guilford County Schools  
Location: Weaver Academy

**11:30 a.m. - 1:00 p.m. NET and CET Communal Discussions Small Groups**

Small group discussion of topics of interest.

Presenters: **Kelly Caudle**, Stanly Community College  
**Trent Helms**, Stanly Community College  
**Bill Reese**, Guilford County Schools

Sponsor: Stanly Community College, Guilford County Schools  
Location: Weaver Academy

**1:00 p.m. - 2:00 p.m. Cisco Virtual Academy Conference**

We will access and review the virtual sessions available from the Academy Conference.

Presenters: **Kelly Caudle**, Stanly Community College  
**Trent Helms**, Stanly Community College  
**Bill Reese**, Guilford County Schools

Sponsor: Stanly Community College, Guilford County Schools  
Location: Weaver Academy

**2:00 p.m. - 3:00 p.m. Best Practices Cisco Discovery 1&2 Roundtable Discussion**

Bring your own tips and trick to share with others.

Presenter: Facilitated by your ASC staff  
Location: Weaver Academy

**3:00 p.m. - 4:00 p.m. IT Essentials—Cisco Updates and Information**

Get the latest information on Cisco's A+ certification curriculum. It is online and can be used just like any other Cisco Academy course.

Presenters: **Kelly Caudle**, Stanly Community College  
**Trent Helms**, Stanly Community College  
**Bill Reese**, Guilford County Schools

Sponsor: Stanly Community College, Guilford County Schools  
Location: Weaver Academy

**4:00 p.m. - 5:00 p.m. Open Vendor CET Session Updates**

This session will be available to all CET teachers and approved CET curriculum vendors.

Presenter: Various CET curriculum providers  
Location: Weaver Academy

**5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE  
Location: Guilford DEFG

**Tuesday, July 24, 2012**

**8:00 a.m. - 1:30 p.m. Exhibitors' Showcase**

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Sponsor: NCACTE

Location: Guilford DEFG

**8:00 a.m. - noon Project Management I Training (part 2 of 2) (Preregistration Required)**

This is a continuation of part 1.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager

**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School

**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

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Presenter: **Peyton Holland**, SkillsUSA Postsecondary Director

Location: Arrowhead AB

**8:00 a.m. - 5:00 p.m. T&I Headquarters**

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Presenters: **David Barbour**, 919-524-7834

**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**1:30 p.m. - 3:00 p.m. CTE Summer Conference—General Opening Session**

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President

**June St. Clair Atkinson, Ed.D.**, State Superintendent

**Janet Cowell**, State Treasurer

**CTSO Officers**

Location: Guilford ABC

**3:30 p.m. - 4:30 p.m. T&I Opening General Session**

State T&I consultants will share updates, new courses, policies, and give direction for the 2012-2013 school year.

Presenters: **David Barbour**, T&I Education Consultant, NCDPI

**Craig Pendergraft**, T&I Education Consultant, NCDPI

**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI

Location: Imperial D

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Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby



## T&I Network Engineering

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### Tuesday, July 24, 2012

#### 5:00 p.m. - 7:00 p.m. **Trade and Industrial Education Banquet (Invitation Only)**

NCTIETA, the professional organization for T&I teachers in North Carolina, along with some of its Industry partners, will host a pig-pickin with all the fixin's as part of its annual business meeting, awards banquet, and SkillsUSA updates. This event is for all T&I Teachers and their guests. As always, industry partners and CTE administrators are also welcome. See a NCTIETA representative for a ticket and map.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Mike Lewis**, NCTIETA Past President, 2010-2011  
**Tony Bello**, NCTIETA Treasurer  
**Tammy Bradley**, NCTIETA Secretary  
**Dennis Marshall**, NCTIETA President Elect, 2012-2013  
**Graham Yarbough**, NCTIETA Past President  
**Glenn Barefoot, Peyton Holland**, SkillsUSA Directors

Sponsor: NCTIETA, Southern Educational Systems, Snap-on, Certiport, Goodhart-Wilcox, Learning Labs, Carolina Training Associates, ABCs of the Carolinas, AutoDesk

Location: Dudley High School

#### 7:30 p.m. - 9:30 p.m. **T&I Teacher Reception**

Come network with Trade and Industrial Education staff and industry partners.

Sponsor: Today's Class, Snap-on Tools, ABC of the Carolinas, AutoDesk

Location: Parlor - T&I

### Wednesday, July 25, 2012

#### 7:15 a.m. - 4:00 p.m. **Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

#### 8:00 a.m. - 9:00 a.m. **Career Management Is Fun!**

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

#### 8:00 a.m. - 9:00 a.m. **Hop on the BUS! to Entrepreneurship: The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

#### 8:00 a.m. - 5:00 p.m. **T&I Headquarters**

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Presenters: **David Barbour**, 919-524-7834

**Craig Pendergraft**, 919-618-8776

Location: Desk 6

#### 8:30 a.m. - 10:00 a.m. **CET I & II Blueprint and Crosswalk Update**

CompTIA has changed the standards for A+ certification. This workshop will provide teachers the new blueprints aligned to these new changes. A crosswalk document is also provided to align the old curriculum with the new standards. Forums have been created in Moodle to provide the opportunity for teachers to begin creating a statewide classroom bank of test questions and forums to allow teachers to share new materials they will have to develop as a result of the new standards.

Presenters: **Geof Duncan**, Wake County Public School System

**Tammy Bradley**, Chapel-Hill/Carrboro Schools

Location: Carolina

**Wednesday, July 25, 2012**

**8:30 a.m. - 10:00 a.m. The Ethics of Technology Use: Teaching and Living with Humanity in the World of Tomorrow**

We live in a new world of wonders: videophones, instant messaging, personalized education, and marketing using psychometric systems that seem to know us better than we know ourselves. Join us today as we try to understand some of the tools that underlie our great advances in information technology as we, together, do the serious work of thinking through the collective decisions we need to make to engage with each other and with our students in order to craft laws, regulations, ethical boundaries, and best practices that allow us to stay in control of our tools rather than allowing our tools to become our masters.

Presenter: **Jonathan Wade, Ph.D.**, NCCAT

Location: Guilford C

**9:15 a.m. - 10:15 a.m. Hop on the BUS! to Entrepreneurship—The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

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Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

**10:30 a.m. - noon CompTIA Updates**

CompTIA has changed more than just the A+ standards. This workshop will give you the opportunity to hear what is happening at CompTIA, why changes were made, and how these changes can help you and your students.

Presenter: **Alan Rowland**, CompTIA

Location: Carolina

**10:30 a.m. - 11:30 a.m. FIT for Business: An Update on Foundations of IT**

This session provides teachers with an understanding of Foundations of IT (FIT). FIT provides students with a basic understanding of Information Technology and the four pathways within the Career Cluster. Students should emerge with: (1) enough knowledge about each pathway to make informed decisions about what they'd like to study more, (2) a comprehensive IT vocabulary that will serve them well regardless of their career goals, (3) a basic understanding of all areas of IT that will serve as a foundation for success in any career, and (4) general IT knowledge that will benefit them regardless of whether they pursue an IT career. Join our FIT curriculum team to learn more about this exciting new course offering!

Presenters: **Geof Duncan**, ExplorNet/Centers for Quality Teaching and Learning/Knightdale High School  
**Karen Gregory**, ExplorNet/Centers for Quality Teaching and Learning/Ronald Reagan High School  
**Bryan Morrissey**, ExplorNet/Centers for Quality Teaching and Learning/Asheville High School  
**Janice Johnson**, ExplorNet/Centers for Quality Teaching and Learning

Location: Guilford G

**10:30 a.m. - noon Using Internships and Apprenticeships in Your Programs**

This workshop provides the classroom teachers a good understanding of internships and apprenticeships and how they might be used in the classroom to enhance student learning, and ensure career readiness.

Presenter: **Kathryn Castelloes**, Apprenticeship and Training Bureau, NC Department of Labor

Location: Guilford C

**1:30 p.m. - 3:00 p.m. Incorporating Leadership in the Classroom**

Learn strategies and effective practices for teaching basic leadership concepts in the Trade and Industrial Education classroom. Learn how to do more than just teach the basics of leadership, learn how to build these lessons into your daily activities in the shop, lab, or classroom.

Presenter: **Dennis Marshall**, South Central High School

Location: Guilford C

# T&I Network Engineering

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## Wednesday, July 25, 2012

### 1:30 p.m. - 3:00 p.m. **Troubleshooting PCs: A Focus on the Biggest Issues from the 2011-2012 Postassessments (part 1 of 2)**

The biggest issues will be addressed based on the results of the 2011-2012 CET I & II postassessments from Elements. Helpful teaching methods will be presented to help the teacher better instruct students on these issues.

Presenter: **Bill Burgess**, Carolina Training Associates

Location: Carolina

### 3:30 p.m. - 5:00 p.m. **First Aid Certification for the T&I Classroom**

Receive expert training and leave with your own First Aid Certification card. Be prepared to handle safely any accident that may occur in the classroom, shop, lab, or life that requires first aid assistance. The first 25 who arrive will be eligible for a free certification card. All others may purchase their First Aid Certification cards after the workshop for \$5.

Presenter: **Ruth Huff**, Certified First Aid Trainer, Past President NCACTE

Location: Guilford C

### 3:30 p.m. - 5:00 p.m. **Troubleshooting PCs: A Focus on the Biggest Issues from the 2011-2012 Postassessments (part 2 of 2)**

This is part II of the workshop.

Presenter: **Bill Burgess**, Carolina Training Associates

Location: Carolina

### 7:30 p.m. - 9:30 p.m. **Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

## Thursday, July 26, 2012

### 8:00 a.m. - 3:00 p.m. **T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834

**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 8:00 a.m. - 1:00 p.m. **Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

### 8:30 a.m. - 10:00 a.m. **Using Literacy to Teach Program Area Content Materials in T&I Programs (Repeat Session)**

T&I teachers are experts at teaching their specific skills through years of industry experiences. Unfortunately, these same experts in the shop need additional help when it comes to strategies at implementing literacy into their classroom. This workshop will give the T&I teachers proven methods that they can take back and use to help their students improve their reading and writing skills.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial C

**Thursday, July 26, 2012**

**10:30 a.m. - noon**

**Legal Issues That Face CTE Teachers (Repeat Session)**

Have you had potential legal questions come up and had to shrug your shoulders? Do you know the legal issues that could affect you as a CTE teacher? Do you have questions regarding students who have an IEP? Come join lawyer Bill Hatch, and learn about some of the legal issues that face CTE teachers.

Please Note: The information contained in this presentation is for general guidance on matters of interest only. Accordingly, the information in this presentation should not be used as a substitute for consultation with your school board attorney.

Presenter: **Bill Hatch**, Civil Rights/Special Pops/Equity Education Consultant, NCDPI

Location: Imperial AB

**1:30 p.m. - 3:00 p.m.**

**Network Engineering Teachers Best Practices**

This session gives Network Engineering teachers an opportunity to share best practices used to meet the course objectives. Content area teacher programs within NCTIETA will also discuss training desires and specifics.

Presenter: NCTIETA Network Engineering Teacher Representative

Location: Birch

**1:30 p.m. - 3:00 p.m.**

**SkillsUSA Open Discussion**

T&I teachers and SkillsUSA advisors will have the opportunity to ask questions, address concerns, and seek directions for any area in SkillsUSA.

Presenter: **Peyton Holland**, NC SkillsUSA Advisor

Location: Imperial G



## Sunday, July 22, 2012

### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 3:00 p.m. - 6:00 p.m. 40 Hour Induction Program: Module IV – For All CTE Program Areas (Preregistration Required)

New teachers will complete Unit D: Professional Linkages in the Learning Community from NCDPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

### 6:00 p.m. - 7:00 p.m. 40 Hour Induction Program: Module IV – Trade and Industrial Education (Preregistration Required)

This workshop will provide new teachers the opportunity to learn about the North Carolina Trade and Industrial Education Teachers' Association or NCTIETA. What it is, why it exists, what it does for you, and how you can get involved will be discussed.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Glenn Barefoot**, NCTIETA President, 1994-1995  
**Mike Lewis**, NCTIETA President, 2010-2011  
**Dennis Marshall**, NCTIETA President, 2012-2013

Location: Pebble Beach

## Monday, July 23, 2012

### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 8:30 a.m. - 2:45 p.m. 40 Hour Induction Program: Module IV - For all CTE Program Areas (continued) (Preregistration Required)

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

### 9:00 a.m. - 8:00 p.m. Project Management I Training (part 1 of 2) (Preregistration Required)

This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.

Presenters: **Megan R. Bell**, MPM, PMP, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

# T&I Printing Graphics

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## Monday, July 23, 2012

### 5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

## Tuesday, July 24, 2012

### 8:00 a.m. - 1:30 p.m. Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

### 8:00 a.m. - noon Project Management I Training (part 2 of 2) (Preregistration Required)

This is a continuation of part 1.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

### 8:00 a.m. - noon SkillsUSA Advisor Boot Camp

SkillsUSA Advisor Boot Camp will train advisors to tackle the everyday responsibilities of a SkillsUSA advisor and will also provide training on using the SkillsUSA membership and online registration systems. If you have questions about how to start your chapter or have trouble navigating the national website, attend this workshop to have your issues resolved. Please bring a laptop computer to ensure that you experience hands-on training through all of the necessary steps. The workshop will have structured lessons but will be driven by the questions and needs of the audience members. This is your chance to get the answers you need.

Presenter: **Peyton Holland**, SkillsUSA Postsecondary Director

Location: Arrowhead AB

### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on one of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

### 1:30 p.m. - 3:00 p.m. CTE Summer Conference — General Opening Session

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President  
**June St. Clair Atkinson, Ed.D.**, State Superintendent  
**Janet Cowell**, State Treasurer  
**CTSO Officers**

Location: Guilford ABC

## Tuesday, July 24, 2012

### 3:30 p.m. - 4:30 p.m. T&I Opening General Session

State T&I consultants will share updates, new courses, policies, and give direction for the 2012-2013 school year.

Presenters: **David Barbour**, T&I Education Consultant, NCDPI  
**Craig Pendergraft**, T&I Education Consultant, NCDPI  
**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI

Location: Imperial D

### 5:00 p.m. - 8:00 p.m. Third Floor Exhibitors' Showcase and Studio Presentations

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

### 5:00 p.m. - 7:00 p.m. Trade and Industrial Education Banquet (Invitation Only)

NCTIETA, the professional organization for T&I teachers in North Carolina, along with some of its Industry partners, will host a pig-pickin with all the fixin's as part of its annual business meeting, awards banquet, and SkillsUSA updates. This event is for all T&I Teachers and their guests. As always, industry partners and CTE administrators are also welcome. See a NCTIETA representative for a ticket and map.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Mike Lewis**, NCTIETA Past President, 2010-2011  
**Tony Bello**, NCTIETA Treasurer  
**Tammy Bradley**, NCTIETA Secretary  
**Dennis Marshall**, NCTIETA President Elect, 2012-2013  
**Graham Yarbough**, NCTIETA Past President  
**Glenn Barefoot, Peyton Holland**, SkillsUSA Directors

Sponsor: NCTIETA, Southern Educational Systems, Snap-on, Certiport, Goodhart-Wilcox, Learning Labs, Carolina Training Associates, ABCs of the Carolinas, AutoDesk

Location: Dudley High School

### 7:30 p.m. - 9:30 p.m. T&I Teacher Reception

Come network with Trade and Industrial Education staff and industry partners.

Sponsor: Today's Class, Snap-on Tools, ABC of the Carolinas, AutoDesk

Location: Parlor - T&I

## Wednesday, July 25, 2012

### 7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

### 8:00 a.m. - 9:00 a.m. Career Management Is Fun!

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III



# T&I Printing Graphics

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**Wednesday, July 25, 2012**

- 8:00 a.m. - 9:00 a.m. Hop on the BUS! to Entrepreneurship: The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**  
Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.  
Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System  
Location: Victoria C
- 8:00 a.m. - 5:00 p.m. T&I Headquarters**  
Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on one of the T&I consultants.  
Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776  
Location: Desk 6
- 8:30 a.m. - 10:00 a.m. The Ethics of Technology Use: Teaching and Living with Humanity in the World of Tomorrow**  
We live in a new world of wonders: videophones, instant messaging, personalized education, and marketing using psychometric systems that seem to know us better than we know ourselves. Join us today as we try to understand some of the tools that underlie our great advances in information technology as we, together, do the serious work of thinking through the collective decisions we need to make to engage with each other and with our students in order to craft laws, regulations, ethical boundaries, and best practices that allow us to stay in control of our tools rather than allowing our tools to become our masters.  
Presenter: **Jonathan Wade, Ph.D.**, NCCAT  
Location: Guilford C
- 8:30 a.m. - 10:00 a.m. Using Acrobat to Make Student Digital Portfolios**  
Teachers will gain an understanding of how to use Adobe Acrobat to create digital portfolios. Students need to learn how to create digital portfolios as part of most digital applications. Bring your own laptop computer if possible.  
Presenters: **Matt Dillinger**, Printing Graphics Teacher  
Location: Fifth Season
- 9:15 a.m. - 10:15 a.m. Hop on the BUS! to Entrepreneurship-The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**  
Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.  
Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System  
Location: Victoria C
- 10:30 a.m. - noon How to Teach Advertising Design**  
Print Advertising and Design is a new course starting in the 2012-2013 school year. This workshop will provide helpful ideas on how best to deliver these materials to students. Bring your laptops.  
Presenter: **Stephanie Messer**, Printing Graphics Teacher  
Location: Fifth Season

**Wednesday, July 25, 2012**

**10:30 a.m. - noon Using Internships and Apprenticeships in Your Programs**

This workshop provides the classroom teachers a good understanding of internships and apprenticeships and how they might be used in the classroom to enhance student learning, and ensure career readiness.

Presenter: **Kathryn Castelloes**, Apprenticeship and Training Bureau, NC Department of Labor

Location: Guilford C

**1:30 p.m. - 3:00 p.m. Incorporating Leadership in the Classroom**

Learn strategies and effective practices for teaching basic leadership concepts in the Trade and Industrial Education classroom. Learn how to do more than just teach the basics of leadership, learn how to build these lessons into your daily activities in the shop, lab, or classroom.

Presenter: **Dennis Marshall**, South Central High School

Location: Guilford C

**1:30 p.m. - 3:00 p.m. Printing Graphics Project Swap**

In this workshop teachers will share projects that they believe are inventive and provided the extra resources students needed for engagement. Bring your own favorite project and share.

Presenter: NC Printing Graphics Teachers

Location: Fifth Season

**3:30 p.m. - 5:00 p.m. First Aid Certification for the T&I Classroom**

Receive expert training and leave with your own First Aid Certification card. Be prepared to handle safely any accident that may occur in the classroom, shop, lab, or life that requires first aid assistance. The first 25 who arrive will be eligible for a free certification card. All others may purchase their First Aid Certification cards after the workshop for \$5.

Presenter: **Ruth Huff**, Certified First Aid Trainer, Past President NCACTE

Location: Guilford C

**3:30 p.m. - 5:00 p.m. The New Printing Graphics Curriculum and Blueprints**

The new curriculum, blueprints, and suggested equipment list will be presented. Items to be covered will include: Information on testing and certification options to include specifics on the new curriculum test banks, how to access them for practice activities that we can share with our students through Quia or Elements, our current CTE Vocats testing software, curriculum opportunities for scholarships and articulation with postsecondary institutions, and how curriculum relates to opportunities through SkillsUSA competitions and certifications. Adobe certifications may also be discussed.

Presenter: **Tim McCluskey**, Printing Graphics Teacher

Location: Fifth Season

**7:30 p.m. - 9:30 p.m. Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

# T&I Printing Graphics

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**Thursday, July 26, 2012**

**8:00 a.m. - 3:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on one of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**8:30 a.m. - 10:00 a.m. Using Literacy to Teach Program Area Content Materials in T&I Programs (Repeat Session)**

T&I teachers are experts at teaching their specific skills through years of industry experiences. Unfortunately, these same experts in the shop need additional help when it comes to strategies at implementing literacy into their classroom. This workshop will give the T&I teachers proven methods that they can take back and use to help their students improve their reading and writing skills.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial C

**10:30 a.m. - noon Legal Issues That Face CTE Teachers (Repeat Session)**

Have you had potential legal questions come up and had to shrug your shoulders? Do you know the legal issues that could affect you as a CTE teacher? Do you have questions regarding students who have an IEP? Come join lawyer Bill Hatch, and learn about some of the legal issues that face CTE teachers.

Please Note: The information contained in this presentation is for general guidance on matters of interest only. Accordingly, the information in this presentation should not be used as a substitute for consultation with your school board attorney.

Presenter: **Bill Hatch**, Civil Rights/Special Pops/Equity Education Consultant, NCDPI

Location: Imperial AB

**1:30 p.m. - 3:00 p.m. Printing Graphics Teachers Best Practices**

This session gives Printing Graphics teachers an opportunity to share best practices used to meet the course objectives. Content area teacher programs within NCTIETA will also discuss training desires and specifics.

Presenter: NCTIETA Printing Graphics Teacher Representative

Location: Imperial F

**1:30 p.m. - 3:00 p.m. SkillsUSA Open Discussion**

T&I teachers and SkillsUSA advisors will have the opportunity to ask questions, address concerns, and seek directions for any area in SkillsUSA.

Presenter: **Peyton Holland**, NC SkillsUSA Advisor

Location: Imperial G

**Sunday, July 22, 2012****8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**3:00 p.m. - 6:00 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (Preregistration Required)**

New teachers will complete Unit D: Professional Linkages in the Learning Community from NCDPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

**6:00 p.m. - 7:00 p.m. 40 Hour Induction Program: Module IV—Trade and Industrial Education (Preregistration Required)**

This workshop will provide new teachers the opportunity to learn about the North Carolina Trade and Industrial Education Teachers' Association or NCTIETA. What it is, why it exists, what it does for you, and how you can get involved will be discussed.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Glenn Barefoot**, NCTIETA President, 1994-1995  
**Mike Lewis**, NCTIETA President, 2010-2011  
**Dennis Marshall**, NCTIETA President, 2012-2013

Location: Pebble Beach

**Monday, July 23, 2012****8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:30 a.m. - 2:45 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (continued) (Preregistration Required)**

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

**9:00 a.m. - 8:00 p.m. Project Management I Training (part 1 of 2) (Preregistration Required)**

This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.

Presenters: **Megan R. Bell**, MPM, PMP, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

## T&I Public Safety

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### Monday, July 23, 2012

#### 5:30 p.m. - 8:30 p.m. Exhibitors' Showcase & Reception

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

### Tuesday, July 24, 2012

#### 8:00 a.m. - 1:30 p.m. Exhibitors' Showcase

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

#### 8:00 a.m. - noon Project Management I Training (part 2 of 2) (Preregistration Required)

This is a continuation of part 1.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

#### 8:00 a.m. - 5:00 p.m. T&I Headquarters

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

#### 1:30 p.m. - 3:00 p.m. CTE Summer Conference—General Opening Session

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President  
**June St. Clair Atkinson, Ed.D.**, State Superintendent  
**Janet Cowell**, State Treasurer  
**CTSO Officers**

Location: Guilford ABC

#### 5:00 p.m. - 8:00 p.m. Third Floor Exhibitors' Showcase and Studio Presentations

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

**5:00 p.m. - 7:00 p.m. Trade and Industrial Education Banquet (Invitation Only)**

NCTIETA, the professional organization for T&I teachers in North Carolina, along with some of its Industry partners, will host a pig-pickin with all the fixin's as part of its annual business meeting, awards banquet, and SkillsUSA updates. This event is for all T&I Teachers and their guests. As always, industry partners and CTE administrators are also welcome. See a NCTIETA representative for a ticket and map.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Mike Lewis**, NCTIETA Past President, 2010-2011  
**Tony Bello**, NCTIETA Treasurer  
**Tammy Bradley**, NCTIETA Secretary  
**Dennis Marshall**, NCTIETA President Elect, 2012-2013  
**Graham Yarbough**, NCTEITA Past President  
**Glenn Barefoot, Peyton Holland**, SkillsUSA Directors

Sponsor: NCTIETA, Southern Educational Systems, Snap-on, Certiport, Goodhart-Wilcox, Learning Labs, Carolina Training Associates, ABCs of the Carolinas, AutoDesk

Location: Dudley High School

**Wednesday, July 25, 2012****7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**8:00 a.m. - 9:00 a.m. Career Management Is Fun!**

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

**8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:30 a.m. - 10:00 a.m. Public Safety I Curriculum Training (part 1 of 2)**

This workshop, conducted by the curriculum providers for the Introduction to Public Safety course, is designed for all Public Safety teachers to prepare them to teach this course. This course will be renamed this school year to Public Safety I.

Presenters: **Helen Winter**, Curriculum Developed and Trainer, Career Communications, Inc.  
**Barbara Orwig**, President, Career Communications, Inc.

Location: Birch

**10:30 a.m. - noon Public Safety I Curriculum Training (part 2 of 2)**

Continued training from part 1.

Presenters: **Helen Winters**, Curriculum Developer and Trainer, Career Communications, Inc.  
**Barbara Orwig**, President, Career Communications, Inc.

Location: Birch

## T&I Public Safety

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### Wednesday, July 25, 2012

- 10:30 a.m. - noon Using Internships and Apprenticeships in Your Programs**  
This workshop provides the classroom teachers a good understanding of internships and apprenticeships and how they might be used in the classroom to enhance student learning, and ensure career readiness.  
Presenter: **Kathryn Castelloes**, Apprenticeship and Training Bureau, NC Department of Labor  
Location: Guilford C
- 1:30 p.m. - 3:00 p.m. Public Safety II Curriculum Training (part 1 of 2)**  
This workshop provides Public Safety Teachers with the knowledge to begin teaching Public Safety II courses beginning in 2012-2013. This is a pilot course, and materials will be handed out to assist teachers as this course is being developed throughout the year.  
Presenter: **Sid Delepine**, Public Safety Teacher, Virginia Beach Schools  
Location: Birch
- 3:30 p.m. - 5:00 p.m. Public Safety II Curriculum Training (part 2 of 2)**  
Continuation from part 1.  
Presenter: **Sid Delepine**, Public Safety Teacher, Virginia Beach Schools  
Location: Birch
- 7:30 p.m. - 9:30 p.m. Reception for Outgoing NCACTE President Bill Ellis**  
Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.  
Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport  
Location: Parlor - T&I

### Thursday, July 26, 2012

- 8:00 a.m. - 3:00 p.m. T&I Headquarters**  
Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on one of the T&I consultants.  
Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776  
Location: Desk 6
- 8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase**  
This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.  
Sponsor: NCACTE  
Location: Third floor lobby
- 1:30 p.m. - 3:00 p.m. Public Safety/Fire Fighting Teachers Best Practices**  
This session gives Public Safety and Fire Fighting teachers an opportunity to share best practices used to meet the course objectives. Content area teacher programs within NCTIETA will also discuss training desires and specifics.  
Presenter: NCTIETA Public Safety Teacher Representative  
Location: Old North
- 1:30 p.m. - 3:00 p.m. SkillsUSA Open Discussion**  
T&I teachers and SkillsUSA advisors will have the opportunity to ask questions, address concerns, and seek directions for any area in SkillsUSA.  
Presenter: **Peyton Holland**, NC SkillsUSA Advisor  
Location: Imperial G

**Sunday, July 22, 2012****8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**3:00 p.m. - 6:00 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (Preregistration Required)**

New teachers will complete Unit D: Professional Linkages in the Learning Community from NCDPI staff and guest speakers. Understand how to network to achieve optimal program effectiveness and the benefits of forming linkages within the school and community. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

**6:00 p.m. - 7:00 p.m. 40 Hour Induction Program: Module IV—Trade and Industrial Education (Preregistration Required)**

This workshop will provide new teachers the opportunity to learn about the North Carolina Trade and Industrial Education Teachers' Association or NCTIETA. What it is, why it exists, what it does for you, and how you can get involved will be discussed.

Presenters: **David Barbour**, NCTIETA President, 2011-2012  
**Glenn Barefoot**, NCTIETA President, 1994-1995  
**Mike Lewis**, NCTIETA President, 2010-2011  
**Dennis Marshall**, NCTIETA President, 2012-2013

Location: Pebble Beach

**Monday, July 23, 2012****8:00 a.m. - 5:00 p.m. "Your Role in the Green Environment"—NCCER Green Module Instructor Certification (part 1 of 2) (Preregistration Required)**

NCCER craft instructors must successfully pass the Green Assessment to be certified and register students for this module. One full day covers the module instruction. After completing this one-day session, teachers must take and pass the assessment test, which will be given on Tuesday morning.

Sponsor: ABC of the Carolinas

Location: Auditorium II

**8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:30 a.m. - 2:45 p.m. 40 Hour Induction Program: Module IV—For All CTE Program Areas (continued) (Preregistration Required)**

Hear from experienced teachers and administrators on the value of networking in their communities to support their programs. This session fulfills part of the required 40 Hour Induction Program for provisionally licensed CTE teachers.

Location: Blue Ashe

**9:00 a.m. - 8:00 p.m. Project Management I Training (part 1 of 2) (Preregistration Required)**

This session will prepare teachers to teach the Project Management I course. Teachers will learn fundamental project management content in the first session. The second session will focus on instructional strategies for successful project-based learning.

Presenters: **Megan R. Bell**, MPM, PMP, Project Manager  
**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School  
**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB



## T&I Welding

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**Tuesday, July 24, 2012**

**8:00 a.m. - noon**

**“Your Role in the Green Environment”—NCCER Green Module Instructor Certification Test (part 2 of 2) (Preregistration Required)**

NCCER craft instructors must successfully pass the Green Assessment to be certified, and to register students for this module. This is the test day for teachers.

Sponsor: ABC of the Carolinas

Location: Auditorium II

**8:00 a.m. - 1:30 p.m.**

**Exhibitors’ Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Guilford DEFG

**8:00 a.m. - noon**

**Project Management I Training (part 2 of 2) (Preregistration Required)**

This is a continuation of part 1.

Presenters: **Megan R. Bell, MPM, PMP**, Project Manager

**Kimberly MacDonald**, Project Management Instructor, Panther Creek High School

**Terry Walker**, Project Management Instructor, South Brunswick High School

Location: Augusta AB

**8:00 a.m. - noon**

**SkillsUSA Advisor Boot Camp**

SkillsUSA Advisor Boot Camp will train advisors to tackle the everyday responsibilities of a SkillsUSA advisor and will also provide training on using the SkillsUSA membership and online registration systems. If you have questions about how to start your chapter or have trouble navigating the national website, attend this workshop to have your issues resolved. Please bring a laptop computer to ensure that you experience hands-on training through all of the necessary steps. The workshop will have structured lessons but will be driven by the questions and needs of the audience members. This is your chance to get the answers you need.

Presenters: **Peyton Holland**, SkillsUSA Postsecondary Director

Location: Arrowhead AB

**8:00 a.m. - 5:00 p.m.**

**T&I Headquarters**

Visit the T&I Headquarters’ Desk for assistance throughout the conference. If you have an urgent need, please call on one of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834

**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**1:30 p.m. - 3:00 p.m.**

**CTE Summer Conference—General Opening Session**

Come help kick off a great conference at the General Opening Session.

NCACTE President Bill Ellis welcomes us to the 2012 CTE Summer Conference followed by a state address and a special appearance by State Superintendent June St. Clair Atkinson.

We then present the CTSO officers and the NCACTE awards.

Presenters: **Bill Ellis**, NCACTE President

**June St. Clair Atkinson, Ed.D.**, State Superintendent

**Janet Cowell**, State Treasurer

**CTSO Officers**

Location: Guilford ABC

**3:30 p.m. - 4:30 p.m.**

**T&I Opening General Session**

State T&I consultants will share updates, new courses, policies, and give direction for the 2012-2013 school year.

Presenters: **David Barbour**, T&I Education Consultant, NCDPI

**Craig Pendergraft**, T&I Education Consultant, NCDPI

**Daniel Smith, Ph.D.**, Student Certification and Credentialing Section Chief, NCDPI

Location: Imperial D

**Tuesday, July 24, 2012**

**5:00 p.m. - 8:00 p.m. Third Floor Exhibitors' Showcase and Studio Presentations**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Studio Presentations will be made by several of the vendors at 5:00, 6:00, and 7:00 p.m.

Sponsor: NCACTE

Location: Third floor lobby

**5:00 p.m. - 7:00 p.m. Trade and Industrial Education Banquet (Invitation Only)**

NCTIETA, the professional organization for T&I teachers in North Carolina, along with some of its Industry partners, will host a pig-pickin with all the fixin's as part of its annual business meeting, awards banquet, and SkillsUSA updates. This event is for all T&I Teachers and their guests. As always, industry partners and CTE administrators are also welcome. See a NCTIETA representative for a ticket and map.

Presenters: **David Barbour**, NCTIETA President, 2011-2012

**Mike Lewis**, NCTIETA Past President, 2010-2011

**Tony Bello**, NCTIETA Treasurer

**Tammy Bradley**, NCTIETA Secertary

**Dennis Marshall**, NCTIETA President Elect, 2012-2013

**Graham Yarbough**, NCTEITA Past President

**Glenn Barefoot, Peyton Holland**, SkillsUSA Directors

Sponsor: NCTIETA, Southern Educational Systems, Snap-on, Certiport, Goodhart-Wilcox, Learning Labs, Carolina Training Associates, ABCs of the Carolinas, AutoDesk

Location: Dudley High School

**7:30 p.m. - 9:30 p.m. T&I Teacher Reception**

Come network with Trade and Industrial Education staff and industry partners.

Sponsor: Today's Class, Snap-on Tools, ABC of the Carolinas, AutoDesk

Location: Parlor - T&I

**Wednesday, July 25, 2012**

**7:15 a.m. - 4:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**8:00 a.m. - 9:00 a.m. Career Management Is Fun!**

Have you been teaching Career Management for a while? Are you new to teaching Career Management? If you answered "yes" to either of these questions, then this session is for you! Come in and learn best practices for teaching this course.

Presenter: **Mary Turner**, Teacher, South View High School

Location: Auditorium III

**8:00 a.m. - 5:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834

**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:00 a.m. - 5:00 p.m. Welding—Information and Updates**

RCCC instructor Randy Cox will discuss the outlook in the Welding industry, and share new and exciting opportunities in Welding. Mr. Cox will share updates in the field and will discuss how the growing interest in Motorsports in North Carolina could positively impact welding programs.

Presenter: **Randy Cox**, Motorsports Management Technologies

Sponsor: Rowan Cabarrus Community College (RCCC)

Location: Cardinal

**Wednesday, July 25, 2012**

**8:30 a.m. - 10:00 a.m. The Ethics of Technology Use: Teaching and Living with Humanity in the World of Tomorrow**

We live in a new world of wonders: videophones, instant messaging, personalized education, and marketing using psychometric systems that seem to know us better than we know ourselves. Join us today as we try to understand some of the tools that underlie our great advances in information technology as we, together, do the serious work of thinking through the collective decisions we need to make to engage with each other and with our students in order to craft laws, regulations, ethical boundaries, and best practices that allow us to stay in control of our tools rather than allowing our tools to become our masters.

Presenter: **Jonathan Wade, Ph.D.**, NCCAT

Location: Guilford C

**9:15 a.m. - 10:15 a.m. Hop on the BUS! to Entrepreneurship—The Secrets to Success for the Statewide Business Plan Competition (Repeat Session)**

Obtain tips and tools to develop a winning team. Hear testimonies from teachers and committee members. Do not miss out on learning about more professional development opportunities to teach entrepreneurship education.

Presenters: **Malinda Todd**, NC REAL Entrepreneurship  
**Shannon Gallagher**, NC REAL Entrepreneurship  
**Stephen Smith**, Alamance-Burlington School System

Location: Victoria C

**10:30 a.m. - noon Using Internships and Apprenticeships in Your Programs**

This workshop provides the classroom teachers a good understanding of internships and apprenticeships and how they might be used in the classroom to enhance student learning, and ensure career readiness.

Presenter: **Kathryn Castleoes**, Apprenticeship and Training Bureau, NC Department of Labor

Location: Guilford C

**1:30 p.m. - 3:00 p.m. Incorporating Leadership in the Classroom**

Learn strategies and effective practices for teaching basic leadership concepts in the Trade and Industrial Education classroom. Learn how to do more than just teach the basics of leadership, learn how to build these lessons into your daily activities in the shop, lab, or classroom.

Presenters: **Dennis Marshall**, South Central High School

Location: Guilford C

**1:30 p.m. - 3:00 p.m. NCCER Documentation and Yearly Audits**

This workshop will cover how to properly handle secured tests, documents, and other materials following NCCER/NCDPI policy. This session will discuss yearly audits, record keeping, file retention, and more.

Presenter: **Tim Eldridge**, ABC of the Carolinas

Sponsor: ABC of the Carolinas

Location: Joseph's Private Dining

**3:30 p.m. - 5:00 p.m. First Aid Certification for the T&I Classroom**

Receive expert training and leave with your own First Aid Certification card. Be prepared to handle safely any accident that may occur in the classroom, shop, lab, or life that requires first aid assistance. The first 25 who arrive will be eligible for a free certification card. All others may purchase their First Aid Certification cards after the workshop for \$5.

Presenters: **Ruth Huff**, Certified First Aid Trainer, Past President NCACTE

Location: Guilford C

**3:30 p.m. - 5:00 p.m. NCCER ANR (Automated National Registry) Training**

Everything you need to know about reporting and submitting student module completion (Form 200s) using the Automated National Registry, and more.

Presenter: **Tim Eldridge**, ABC of the Carolinas

Sponsor: ABC of the Carolinas

Location: Joseph's Private Dining

**Wednesday, July 25, 2012****7:30 p.m. - 9:30 p.m. Reception for Outgoing NCACTE President Bill Ellis**

Come join the T&I educators as we honor the outgoing NCACTE president Bill Ellis. Mr. Ellis was a T&I teacher for most of his career in education and served us well as president of our professional association from 2011 to 2012. All program areas are invited to this networking event to say thanks to a great NCACTE President.

Sponsor: Carolina Training Associates, Goodhart-Wilcox Publisher, Learning Labs, and Certiport

Location: Parlor - T&I

**Thursday, July 26, 2012****8:00 a.m. - 3:00 p.m. T&I Headquarters**

Visit the T&I Headquarters' Desk for assistance throughout the conference. If you have an urgent need, please call on of the T&I consultants.

Presenters: **David Barbour**, 919-524-7834  
**Craig Pendergraft**, 919-618-8776

Location: Desk 6

**8:00 a.m. - 1:00 p.m. Third Floor Exhibitors' Showcase**

This is a good networking opportunity for all CTE teachers. Come meet industry representatives and curriculum providers for your program area and see what new and exciting materials are available.

Sponsor: NCACTE

Location: Third floor lobby

**8:30 a.m. - 10:00 a.m. Using Literacy to Teach Program Area Content Materials in T&I Programs (Repeat Session)**

T&I teachers are experts at teaching their specific skills through years of industry experiences. Unfortunately, these same experts in the shop need additional help when it comes to strategies at implementing literacy into their classroom. This workshop will give the T&I teachers proven methods that they can take back and use to help their students improve their reading and writing skills.

Presenter: **Lois J. Barnes**, Director, State Services for School Improvement, SREB/HSTW

Location: Imperial C

**10:30 a.m. - noon Legal Issues That Face CTE Teachers (Repeat Session)**

Have you had potential legal questions come up and had to shrug your shoulders? Do you know the legal issues that could affect you as a CTE teacher? Do you have questions regarding students who have an IEP? Come join lawyer Bill Hatch, and learn about some of the legal issues that face CTE teachers.

Please Note: The information contained in this presentation is for general guidance on matters of interest only. Accordingly, the information in this presentation should not be used as a substitute for consultation with your school board attorney.

Presenter: **Bill Hatch**, Civil Rights/Special Pops/Equity Education Consultant, NCDPI

Location: Imperial AB

**1:30 p.m. - 3:00 p.m. SkillsUSA Open Discussion**

T&I teachers and SkillsUSA advisors will have the opportunity to ask questions, address concerns, and seek directions for any area in SkillsUSA.

Presenter: **Peyton Holland**, NC SkillsUSA Advisor

Location: Imperial G

**1:30 p.m. - 3:00 p.m. Welding Teachers Best Practices**

This session gives Welding teachers an opportunity to share best practices used to meet the course objectives. Content area teacher programs within NCTIETA will also discuss training desires and specifics.

Presenter: NCTIETA Welding Teacher Representative

Location: Olympia





# Exhibitors' Showcase



### CTE Summer Conference Exhibitors' Showcase

The Exhibitors' Showcase is located in Guilford Ballroom DEFG. This showcase may be visited on Monday, July 23, from 5:30 p.m. to 8:30 p.m. and on Tuesday, July 24, from 8:00 a.m. to 1:30 p.m. This floor plan shows the booth numbers found on the following pages.

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
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| 110 | 211 | 210 | 311 | 310 | 411 | 410 | 511 | 510 | 611 | 609 | 607 | 605 | 603 | 602 |
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entrance D

entrance D

entrance E

entrance F

entrance G

## Exhibitors' Showcase

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### **Carolina Training Associates, Inc.**

3623 Latrobe Drive, Ste 120  
Charlotte, NC 28211  
800-962-8815  
Marshall Millican, Kim Millican, Bill Burgess,  
Mike Leary, & Mark Adrian  
408, 410

### **Certiport**

1276 S. 820 E. #200  
American Fork, UT 84003  
888-999-9830  
Rick Holbrook  
500

### **Cookie Lee Jewelry**

107 Crest Hill Road  
Jamestown, NC 27282  
336-681-8611  
Mree Vu  
605

### **Florida Farm Bureau Marketing**

7908 South Bridgewater Court  
Raleigh, NC 27615  
919-783-4309  
Curtis Alls  
301

### **Futures for Kids**

800 S Mary's Street, Ste 304  
Raleigh, NC 27605  
800-965-8541  
John Shaw, Rebecca Cooper,  
Craig Lloyd, & Cindy Wong  
308

### **Johnson & Wales University**

1425 Laudsford Road  
Marshville, NC 28103  
704.207.9577  
Jan Jordan & Kathy Jo Mitchell  
306

### **Knowledge Matters, Inc.**

85 Woodward Drive  
Florence, MA 01062  
413-587-9917  
Paul Grethel  
507

### **Cengage Learning**

10885 Casetta Drive  
Matthews, NC 28105  
704-849-2678  
Patrick Delaney  
502

### **CEV Multimedia**

1020 SE Loop 289  
Lubbock, TX 79404  
806.745.8820  
Jay Terrell  
300

### **Country Meats/AFT**

1303 Crooked Branch Trail  
Woodstock, GA 30189  
770-928-3809  
Rick French & Donna French  
400

### **Frosty Fruit**

2999 Pacific Drive, Suite A  
Norcross, GA 30071  
800-976-4003  
Patrick Barley  
309

### **Goodheart-Willcox Publisher**

18604 West Creek Drive  
Tinley Park, IL 60477  
800-323-0440  
Lauren Pellegrind  
501

### **King's College**

322 Lamar Ave.  
Charlotte, NC 28204  
704-688-3609  
Jamie Bluto, Becky Peterson, & Paula McIntosh  
503

### **Labyrinth Learning**

5275 Carriage Drive  
El Sobrante, CA 94803  
904-655-3552  
David Whitsett  
504



**Learning Labs, Inc.**

PO Box 1419  
Calhoun, GA 30703  
800-334-4943  
Keith Edwards & Max Richardson  
404,406

**NASCAR Hall of Fame**

400 E. Martin Luther King Blvd  
Charlotte, NC 28202  
704-654-4437  
Teresa Robertson  
505

**Ozark Delight Candy Company**

1 Lollipop Lane  
Praire Grove, AR 72753  
800-334-8991  
Don Churchwell  
506

**Pearson Education**

PO Box 3003  
Livonia, MI 48150-3003  
952-905-7009  
Toby Burleson  
509

**Progress Energy**

410 S. Wilmington Street  
Raleigh, NC 27601  
919-546-7585  
Lee McCollum  
302

**SAS Institute Inc.**

100 SAS Campus Drive  
Cary, NC 27513  
919.677.8000  
Julie Petlick  
412

**Technical Training Aids, Inc.**

9722 Aegean Court  
Huntersville, NC 28078  
704-281-7404  
Robert Alge & Terry Cambron  
405,407

**WIN Learning**

1651 N. Atlantiz Avenue  
New Smyrne Beach, FL 32169  
407-448-2616  
Dianne Bean  
305

**Midwest Technology Products**

PO Box 3717  
Sioux City, IA 51102  
800-817-2845  
Jim Wilson & Diane Wilson  
307

**Norma Jewelry & Accessories**

5016 Hutchin Street  
Winston-Salem, NC 27106  
336-287-7922  
Norma Ramnath  
411

**Paxton/Patterson**

7523 S. Sayre Avenue  
Chicago, IL 60638  
708-594-7270  
Roger Kennedy  
413

**Pitsco Education**

PO Box 1708  
Pittsburg, KS 66762  
800-828-5787  
Mary Wilcox  
303

**Realityworks**

2709 Mondovi Rd.  
Eau Claire, WI 54701  
800.830.1416  
Glen Hart, Cory Peterson, & Chris Dorn  
200, 202

**Southern Educational Systems, Inc.**

PO Box 170339  
Spartanburg, SC 29301  
864-596-8921  
Fred Langley, Tom Davis,  
Liz Myhre, & Maren Johnson  
409

**WhiteBox Learning**

14600 Woodbluff Trace  
Louisville, KY 40245  
502-396-7259  
Tom Robertson & Graham Baughman  
401,403

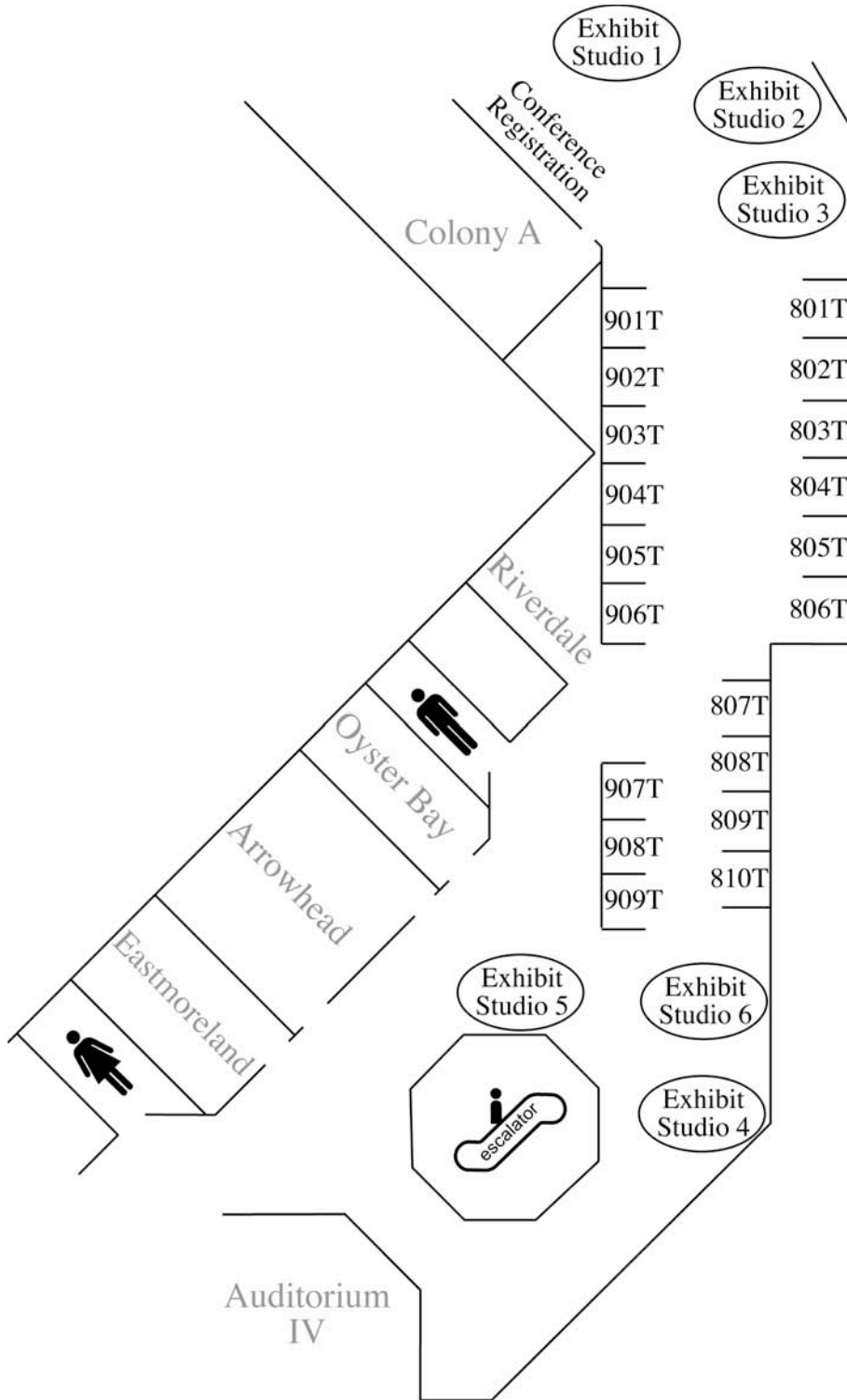
**Woodworker's Supply, Inc.**

1125 Jay Lane  
Graham, NC 27253  
336-578-0500  
David Griffin, Richard Tipton, Hunter Tipton,  
Buddy Warner, & Tray Hill  
603

# Third Floor Exhibitors' Showcase

## Third Floor Exhibitors' Showcase

The Third Floor Exhibitors' Showcase is in the Third Floor Lobby. This showcase may be visited on Tuesday, July 24, from 5:00 p.m. to 8:00 p.m.; on Wednesday, July 25, from 7:15 a.m. to 4:00 p.m.; and on Thursday, July 26, from 8:00 a.m. to 1:00 p.m.



## Third Floor Exhibitors' Showcase

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### **Certiport**

1276 S. 820 E. #200  
American Fork, UT 84003  
888-999-9830  
Rick Holbrook  
909-T

### **Cookie Lee Jewelry**

107 Crest Hill Road  
Jamestown, NC 27282  
336-681-8611  
Mree Vu  
804-T

### **Learning Labs, Inc.**

PO Box 1419  
Calhoun, GA 30703  
800-334-4943  
Keith Edwards & Max Richardson  
902-T

### **Norma Jewelry & Accessories**

5016 Hutchin Street  
Winston-Salem, NC 27106  
336-287-7922  
Norma Ramnath  
806-T

### **Paxton/Patterson**

7523 S. Sayre Avenue  
Chicago, IL 60638  
708-594-7270  
Roger Kennedy  
907-T

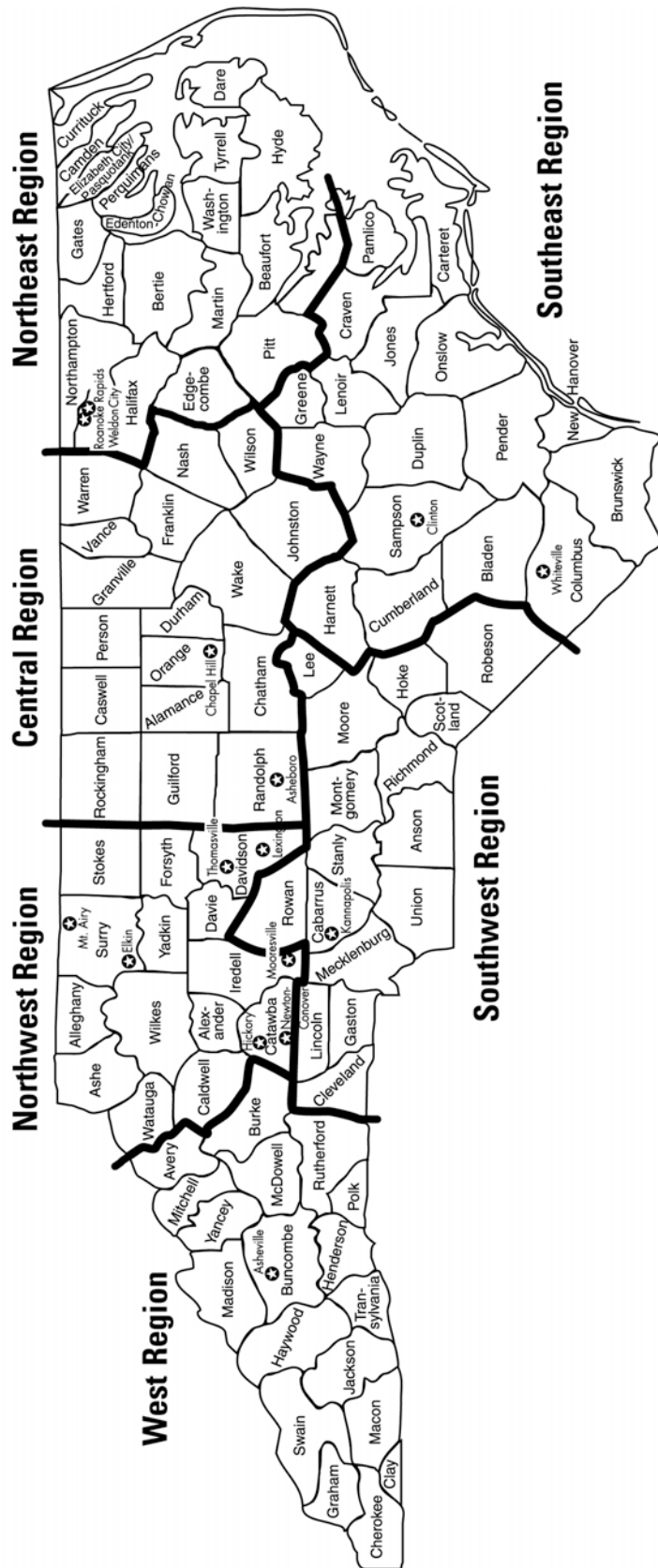
### **Pearson Education**

PO Box 3003  
Livonia, MI 48150-3003  
952-905-7009  
Toby Burleson  
904-T

### **WIN Learning**

1651 N. Atlantiz Avenue  
New Smyrne Beach, FL 32169  
407-448-2616  
Dianne Bean  
903-T

The state is divided into the following six CTE regions.



**2012 NC CTE Summer Conference - Calculation of Credit**

I claim continuing education credit for the following sessions that I attended at the 2012 NC Career and Technical Education Summer Conference.

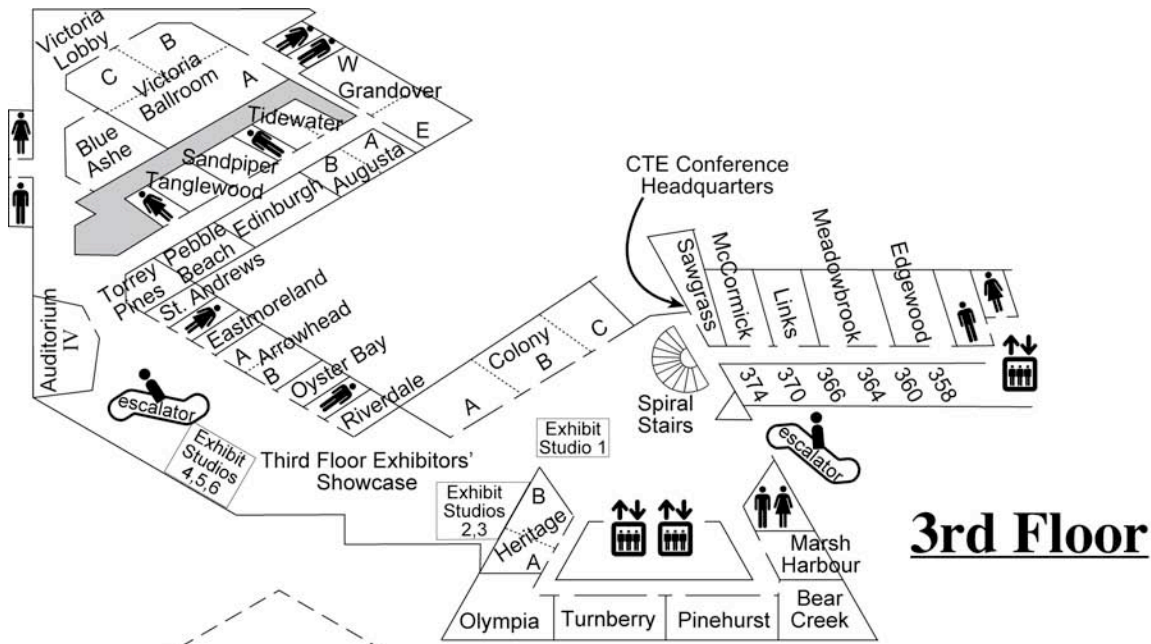
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This form accurately represents sessions and hours attended at the 2012 NC Career and Technical Education Summer Conference.

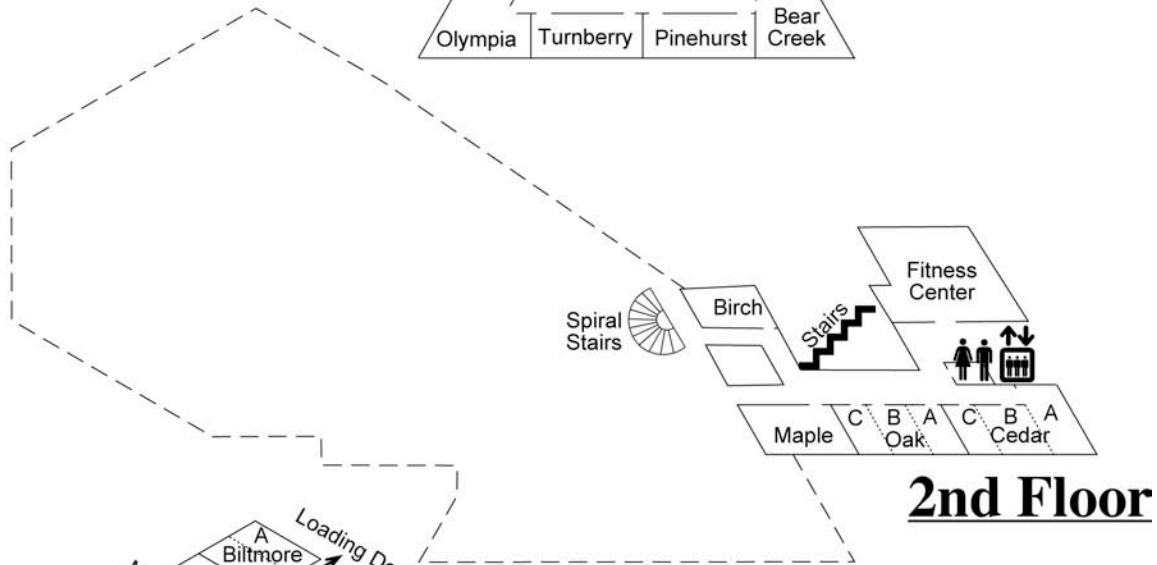
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Signature of person attending the session(s) Date

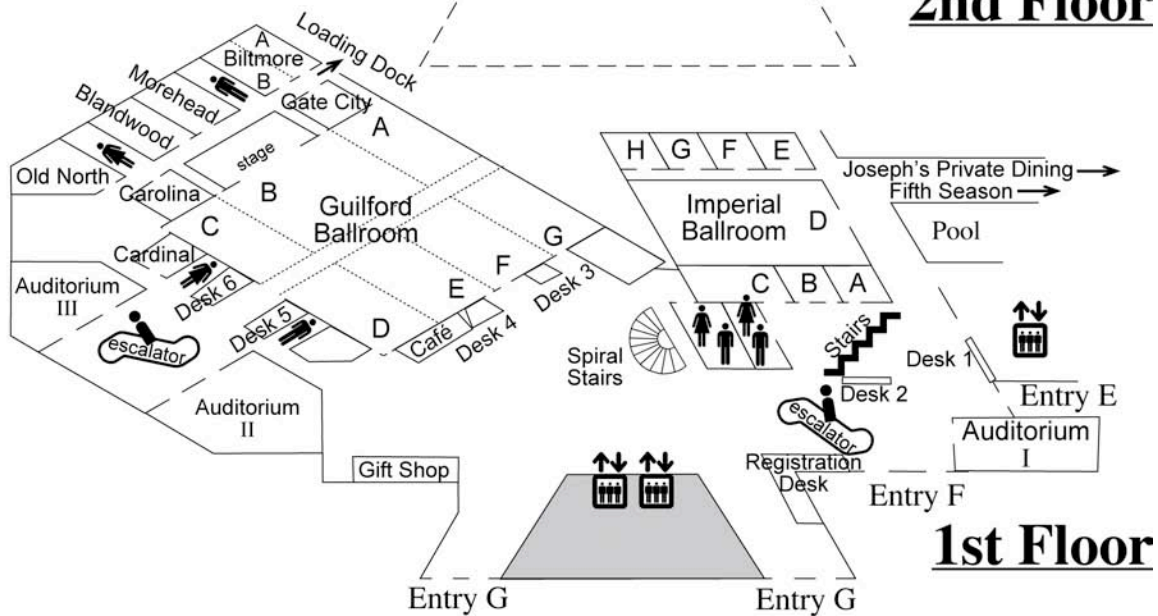
Transfer the total hours to the attendance certificate received after the conference.



### 3rd Floor



### 2nd Floor



### 1st Floor

Main Parking Lot