



DAUPHIN COUNTY TECHNICAL SCHOOL
Building Construction Technology

“Learning is most noble when it is used to benefit others.”

Robert Brightbill, BCT Instructor

CIP 46.9999

Support Documents

ADVANCE CTE EXCELLENCE IN ACTION AWARD NOMINATION

LETTERS OF SUPPORT



6001 Locust Lane
Harrisburg, Pennsylvania 17109
Phone: (717) 652-3170
Fax: (717) 652-9326
www.dcts.org

DAUPHIN COUNTY TECHNICAL SCHOOL

November 13, 2017

Selection Committee
National Advance CTE Excellence in Action Award
8484 Georgia Avenue, Suite 320
Silver Spring MD 20910

Dear Selection Committee:

It is an honor to place in nomination for the National Advance CTE Excellence in Action Award, Mr. Robert Brightbill, Building and Construction Technology Instructor, Dauphin County Technical School, Harrisburg, Pennsylvania.

I have had the great pleasure of working with this dedicated and inspiring teacher since 2013 when I became the Assistant Director. While I am confident you will receive many outstanding nominations from across the United States, I want to share with you why I believe this teacher should be considered.

The work Bob has done on behalf of so many people both locally and nationally is unparalleled. Bob believes that "Learning is most noble when it is used to benefit others." His work with Building Construction Cares, which is integrated into his curriculum, has changed the lives of his students and those community members who are the recipients of the projects he and his team have completed.

As an educator Bob works tirelessly to ensure his students are well prepared for the workforce and post-secondary. He sets the bar high and models behavior he expects of his students. I have observed his knack for motivating his students to do more than they ever thought possible.

As a leader Bob works on behalf of his colleagues and is willing to put in the extra work to ensure they have what they need. He has served as Association President and is currently serving as Construction Academy leader.

With all the "good works" Bob does on behalf of his program, students, community and colleagues, he remains selfless, always giving credit to others.

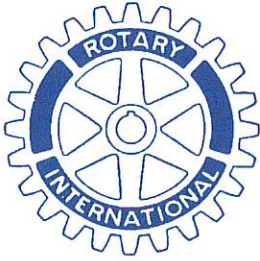
It is with great pride that I nominate him for this award.

Sincerely,

Sandra L. Traynor
Assistant Director

"The mission of the Dauphin County Technical School is to prepare students to enter post-secondary education and industry with the attitude, skills, and knowledge necessary to be successful in a constantly changing and competitive world"

A nationally recognized leader in the integration of academics and vocational studies



Rotary Club of Colonial Park

P. O. Box 6522 ♦ HARRISBURG, PA ♦ 17112

November 14, 2017

To Whom It May Concern,

I am writing this letter on behalf of Robert Brightbill, an instructor for the Building Construction program at Dauphin County Technical School, located in Harrisburg, Pennsylvania. Mr. Brightbill has been nominated for the National Advance CTE Excellence in Action Award.

I have known Mr. Brightbill since 2006 when he began the establishment of the Building Construction Cares program. The program was established on the premise of offering students in various building related construction shops in Dauphin County Technical School the opportunity to participate in community projects to help rebuild/remodel homes destroyed or damaged by natural disasters. Through Mr. Brightbill's leadership, fundraisers were conducted by students who were interested in being part of the program. In addition, the Rotary Club of Colonial Park formed a partnership with the construction Cares program. Rotarians volunteered to participate in the rebuilding/remodeling program. Since 2010, the Rotary Club of Colonial Park has been making monetary contributions to the Building Construction Cares program. In the last ten years, the Building Construction Cares program has travelled 13 times out of state to assist in rebuilding/remodeling projects. In addition, the program has performed rebuilding/remodeling projects in various communities in and around Harrisburg, Pennsylvania.

Over 160 students have been given the opportunity use their talents to provide hope, joy and inspiration for those affected by natural disasters. Students who have spoken at meetings of the Rotary Club of Colonial Park to share their experiences, always comment on the impact of being able to make a difference in the lives of victims of a natural disaster. They truly believe being able to participate in these projects was a life changing experience for them.

Mr. Brightbill is truly a selfless person. His dedication to his profession, his students and his community is second to none. He has been able to combine education with real life situations to provide a life changing experience for his students. As a result, Mr. Brightbill has instilled the Rotary motto of "Service Above Self" in all his students.

In closing, I thank you for taking the time to consider Mr. Brightbill's nomination for this prestigious award. I hope you agree he is an example of "Service Above Self" and choose him as the recipient of this year's award.

Sincerely,

A handwritten signature in cursive script that reads "Joseph S. Lindsey".

Joseph S. Lindsey
Past President 2009-2010

BRIAN L. SHIFLETT
1565 LANDVATER RD
HUMMELSTOWN, PA 17036-8757

November 10, 2017

Advance CTE
8484 Georgia Avenue, Suite 320
Silver Spring MD 20910

To Whom It May Concern:

I am writing to express my support for your consideration of Dauphin County Technical School's Building Construction Technology (BCT) program of study led by an outstanding educator, Mr. Robert Brightbill, for an Excellence in Action Award.

To my peers in public school governance, I regularly point to DC Tech's BCT program as a model of what career and technical education should look like in the 21st Century. Not only are program completers ready for post-secondary education or job opportunities, but they leave the school well-prepared to be responsible citizens.

Once or twice each year, our board authorizes Bob and colleagues to take a group of students on a week-long service trip, called BC Cares, to localities suffering from the effects of storms or economic crisis. Once there, the students get to work repairing and renovating homes of those in need, and they put in long hours finishing up each project. Afterwards we often hear that the local sponsor's expectations are far exceeded by the number of projects the students complete during the week. The accomplishments reflect the high expectations Bob sets for the team and his ability to motivate young adults to learn and appreciate the importance of selfless community service.

But BC Cares does not define all I find exceptional about Bob and the BCT program. Bob models a commitment to CTE instructional excellence which lifts up the entire staff. When I first joined the board, I was told to go check out the great things going on in the BCT program, and today, I give the same advice to new board members seeking to learn about CTE in our school.

I don't think Bob is an individual who gives much thought about receiving recognition; however, I do believe he'd appreciate that his program may also influence a greater community of educators aspiring to bring instructional excellence to their own programs of study. Thank you for your consideration of my letter of support.

Sincerely,



Brian L. Shiflett
Chair, Joint Operating Committee & Joint Board
Dauphin County Technical School

Monday, November 13th, 2017

To whom it may concern,

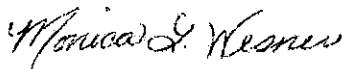
As a Dauphin County Technical School alumnus, current Advisory Board Committee member, and most importantly a participant of the very first Building Construction Cares trip, I am writing this letter to attest to its greatness and share with you my wholehearted support of the Building Construction Cares Program at Dauphin County Technical School. This program has made a significant impact within the local and storm ravaged communities in multiple states and most importantly within the students whom participate in the program.

Building Construction Cares began in 2008 with a trip to Biloxi, Mississippi to assist in the rebuilding of homes after Hurricane Katrina destroyed the area in August 2005. Since this trip, Building Construction Cares has taken a total of 13 out-of-state trips to Georgia, Mississippi, Maryland, New Jersey, North Carolina and West Virginia where severe weather had left entire communities in disrepair. Between the week long trips, projects are completed in the surrounding local communities helping those with disabilities and/or in financial distress. Projects completed by the program include but are not limited to demolition; installation of flooring, roofing, windows and bathroom fixtures; the building of decks, railings, stairs, ADA ramps, sheds and playgrounds.

Each week-long trip is comprised of three faculty members and approximately sixteen students. Interested students must apply, interview and participate in fundraising activities to qualify for upcoming trips. It is not a requirement for students to be enrolled in a building construction related shop, but they must meet high standards for grades, personal character and work ethic. The integration of the students from various career and technical backgrounds creates a diverse environment, independent of their construction skills, as they create a unique comradery from the very beginning to the end of the trip, as the common goal of helping those in need is accomplished.

Mr. Robert Brightbill, the Building Construction Technology instructor and advisor of Building Construction Cares, follows the philosophy, "Learning is most noble when it is used to benefit others" and has a goal of instilling this in each of his past, present and future students. The time and effort that is invested by Mr. Brightbill and supporting staff to educate students outside of the classroom, demonstrating how they can achieve immense satisfaction in life by using their talents through Building Construction Cares, deserves immense commendation.

Sincerely,



Monica L. Wesner

PUBLIC RELATIONS

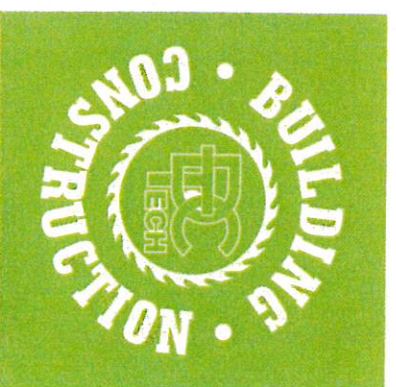


Building Construction Cares

Using students from many programs at Dauphin County Technical School, Building Construction Cares has completed projects from handicap ramps for disabled veterans here in the Harrisburg Area to complete houses in Biloxi, Mississippi. We have traveled to the following states:

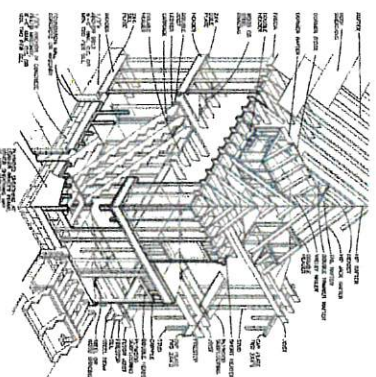
- Mississippi
- Georgia
- North Carolina
- New Jersey
- Maryland
- West Virginia

BC Cares does a yearly trip and is totally self-funded through fundraisers.



Building Construction is a program that focuses on learning all of the skills necessary in order to build a home. Students learn skills in Carpentry, Electricity, Plumbing, and Masonry.

Construct Your Future!



The Dauphin County Technical School is an equal opportunity educational institution and will not discriminate on the basis of race, color, national origin, sex, or handicap in its activities. Procedures for complaint procedures are provided for Title VII, Title IX, and Section 504. For information regarding civil rights or procedures for complaint procedures, contact our Title IX Coordinator or Section 504 Coordinator at 1111 Chestnut Lane, Harrisburg, PA 17109. For more information regarding our programs, services, and facilities that are accessible and usable by individuals with disabilities, contact our Accessibility Services Director.



For more information contact
Robert Brightbill
Dauphin County Technical
School

6001 Locust Lane
Harrisburg, PA 17109
rbrightbill@dcts.org



SOAR (students who are occupationally and academically ready) is the Career and Technical Program of Study (POS) educational plan that articulates the secondary career and technical programs to postsecondary degree or diploma or certificate program. SOAR programs lead students into a career pathway that aligns the secondary courses to a postsecondary program to complete a degree or certificate.



Students have the opportunity to enter into competitions through the SkillsUSA Organization.

These competitions are held at the state and national levels.

Prizes, including scholarships and tools, are given to the top students.





Peninsula Delaware Conference
of The United Methodist Church
Hurricane Sandy Recovery
3480 Freedomtown Road
Crisfield, MD 443-880-8061

October 6, 2014

Dr. Jon Fox
Principal
Dauphin County Technical School

Re: Building Construction Cares trip to Crisfield, MD
Week of September 28, 2014

Dear Dr. Fox,

I would like to express my appreciation to you for the fine group of leaders and young people your school sent to Crisfield last week. They exemplify what's right with young people today.

Among other achievements last week, they:

- installed all new windows, a new front door, replaced foundation blocks dislodged by Hurricane Sandy, parged the foundation walls, made new crawl space access doors and repaired and wrapped with aluminum the soffits and fascias of House A, a 2 ½ story home.
- stripped off the old roofs and installed new ones on two homes, Houses B & C.
- helped another, older adult team strip off and re-roof a third house (House D) when that team realized it was in trouble and would not be able to finish the job on their own.

In addition to performing top quality work, they were excellent ambassadors for your school and conducted themselves with dignity and class and were a joy to be around. You should be proud of them and we are blessed to have had them in our midst. Thank you for allowing them to visit.

Very truly yours,
Peninsula-Delaware Conference Sandy Response Team

Ben Botti
Site Coordinator

c.c. Bob Brightbill

BC CARES - Richwood, West Virginia

From October 1 to October 7, several students from Building Construction Technology and Carpentry traveled to Richwood, WV to provide assistance after last year's flooding – installation of skirting on a trailer, assembling equipment for a new playground, building two decks, and replacing two roofs.

BCT: Jared Bricker, Keegan Donaher, Elizabeth Hillegass, Ryan Holste, George Parthemore, Kathryn Petrilla, Letrele Roberts, Brian Rodriguez,

Ameena Santana, Elijah Shearer, and Jakob Shuey.

Carpentry: Tanner Goggin, Laurel Musser, Alaina Nicolosi, Juan Ortiz, and Devin White.



Announcements



FALL PLAY – ALICE IN WONDERLAND

DCTS Theatre proudly presents Alice in Wonderland. Tickets are \$7.00 at the door.

- November 17: 7:00 p.m.
- November 18: 2:00 p.m. & 7:00 p.m.
- November 19: 2:00 p.m.



DCTS MIDDLE SCHOOL XPO

Interested in what DCTS has to offer, or intrigued by what you could learn? Experience DCTS first hand by coming to the CTE Xpo for Middle School students and their families on Wednesday, November 8 from 5:30 p.m. to 8:00 p.m.



TOYS FOR TOTS TOY DRIVE

Building Construction Cares is collecting new, unwrapped toys that will be part of the DCTS float for the Harrisburg Holiday Parade. After the parade all toys will be delivered to the Toys to the Marines Annual Toy Drive. All donations are due November 17!

FOUR DIAMONDS EVENTS

- Teacher Dress Down Day: January 12
- Student Dress Down Day: January 26
- Kick-off Assembly: January 16
- Mini-THON® - March 9 from 3:00 p.m. to 9:00 p.m.



SAVE THE DATE

- DCTS Education Foundation Talent Show – Feb. 2
- Spring Musical – Mar. 23-25
- NHS Induction – Apr. 4
- Spring Dinner & Silent Auction – Apr. 20
- Co-op Banquet – May 10
- Senior Awards – May 24
- Graduation – Jun. 5



FUNDRAISERS

- All-You-Can-Eat Pancake Breakfast – December 2 from 7:00 am to 11:00 am; \$6.00; Proceeds benefit BC Cares.
- R&K Subs – orders due Nov. 10; Proceeds benefit Normality Zero.
- Gertrude Hawks Candy – orders due Nov. 17; Deliver Dec. 6; Proceeds benefit the Sophomore Class
- Cookie Dough – orders due Nov. 17; Proceeds benefit FFA

NO SCHOOL

- November 22 to November 27 (Thanksgiving Holiday)
- December 25 to January 2 (Winter Holiday)
- January 15 (Martin Luther King Day/In-Service Day)



DCTS ALUMNI

DCTS is seeking alumni. Please register on the Alumni Page on the DCTS website, www.dcts.org. Click on "Community", then "Alumni". This webpage is the start of creating an Official DCTS Alumni Chapter and Class Reunions.



The Dauphin County Technical School is an equal opportunity education institution and will not discriminate on the basis of race, color, national origin, sex, or handicap in its activities, programs, or employment practices as required by Title VI, Title IX, and Section 504. For information regarding civil rights or grievance procedures, contact our Title IX Coordinator or Section 504 Coordinator at 6001 Locust Lane, Harrisburg, PA 17109 (717) 652-3170. For information regarding services, activities, and facilities that are accessible to and usable by handicapped individuals and groups, please contact our Administrative Director.

BC CARES - Crisfield, Maryland

From October 2 to October 7, several students from Building Construction Technology and Carpentry traveled to Crisfield, MD to assist the United Methodist Disaster Response Peninsula Delaware Conference with several projects – installation of a handicap ramp, re-shingled two roofs, repaired the roof on a shed, and installed a new porch roof.

BCT: Michael Barowski, Jared Bricker, Ryan Dickson, Nathaniel Florence, Elizabeth Hillegass, Ryan Holste, Kyle Kelly, Joshua Negron, Ameena Santana, Christopher Santiago, and John Williamson

Carpentry: Noah Gainor, Bradley Mowers, Laurel Musser, Aindrea Shuller, and Devon White





Dauphin County Technical School

November 2015

FIND YOUR DIRECTION

Community Service Projects

by Dr. Jon Fox, Principal

As the season of fall is upon us and daylight saving time ends, we, at Dauphin County Technical School, are not "falling back" or slowing down. We are proud of the many activities and community service projects that our students, faculty, and staff are involved in. Students in the theatre club are gearing up for the fall performance of Comic Book Artist. Shows will be performed at 7:00 p.m. on Friday, November 20 and Saturday, November 21, at 2:00 p.m. & 7:00 p.m., with the final showing on Sunday, November 22 at 2:00 p.m.

Building Construction Cares had another successful trip to Crisfield, Maryland to continue their disaster relief efforts. DCTS students utilized their talents and demonstrated their commitment to the service by replacing damaged walls and hanging new drywall throughout a house. Thank you Mr. Brightbill, Mr. Carroll, and Mrs. Deiling for your leadership and planning.

The commitment to our community through service to others is an integral component of our comprehensive career and technical school. Currently our Wolverine Student Council is leading a food drive during DCTS Spirit Week to raise awareness and provide much needed food supplies and financial support to the Bethesda Mission. DCTS contributed \$882.03, 740 canned goods, and 7 turkeys to the Bethesda Mission

last school year and we thrive to make this our best year yet.

Please come out to the Harrisburg Holiday Parade on Saturday, November 21, starting at 12:00 p.m. to see the students from Carpentry, Electrical Construction and Maintenance, and Building Construction Technology showcasing their annual theme-based float. The float integrates the Holiday Parade theme, "Childhood Memories" and the design and build was constructed by our students.

Looking ahead, students, faculty, staff, and administration have been actively planning our first DCTS mini-thon to benefit the Four Diamonds organization. Committees have been working to prepare for a kickoff assembly and started planning our first event, which is set to occur on March 11.

Students are also actively participating in the SkillsUSA organization, which has a long history and legacy with career and technical education. Formerly known as VICA, students focus on leadership skills and compete to showcase their talents in their career and technical areas. Students from DCTS, under the leadership of Mrs. Ribbons, Mrs. Wagner, Mrs. Zelonis and Mr. Wonders, recently attended a leadership development conference in Gettysburg, PA. If your son/daughter would like more information on SkillsUSA, please see

Mrs. Ribbons in the Student Services Office at DCTS for more information.

As a reminder, we will be holding our winter Keystone Exam testing session in December. Please encourage your son/daughter to do their very best on this exam. Starting with our current junior class (Class of 2017) in accordance with Pennsylvania Law, all students must score proficient on the literature, algebra I, and biology Keystone Exam or show proficiency of completing a State Designed online Project Based Assessment (PBA). For more information about these important assessments, please visit www.dcts.org under the student resources tab.

As you can see, while others may be getting ready to hibernate, the Wolverine is not slowing down. We wish the entire DCTS Learning Community a safe and enjoyable fall break. DCTS will be closed on Wednesday, November 25 and re-opening on Tuesday, December 1. I look forward to seeing you at our many events.



BC Cares - Crisfield, MD

From October 4 to October 10, several students from various programs traveled to Crisfield, MD to assist the town in recovering from Superstorm Sandy. This was the third trip to the wonderful little fishing village.

BCT: Michael Barowski, Michael DeJesus, Clayton Early, Ryan Holste, Kyle Kelly, and Josh Negron

Carpentry: Noah Gainor and Michael Laskoski

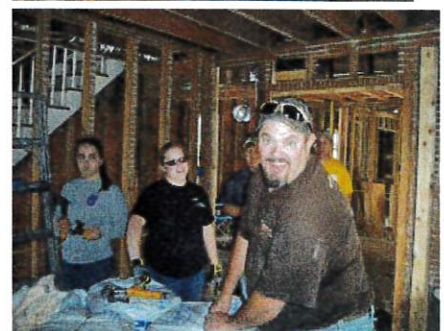
Cosmetology: Marianna Baylor and Cassandra Soi

Graphic Arts: Kylie Aurand

Medical Assistant: Jennifer Becker

Precision Metals: Kyle Felty

Veterinary Assistant: Brittany Leininger



January 2014

Edition

DCTS BLAST

Dauphin County Technical School, 6001 Locust Lane, Harrisburg, PA 17109
Phone: (717) 652-3170; Fax: (717) 541-9639

Message from the Assistant Principal, Gwen Mosteller



Happy New Year! It's hard to believe the second semester is already upon us.

Congratulations to DCTS faculty and students for making our school number one of the best in the state when it comes to School Performance Profile. The Pennsylvania School Performance Profile provides a building level academic score for teachers as part of the Educator Effectiveness System. The score is primarily made up of academic achievement scores and academic growth with other academic indicators contributing a small portion to the score. Our overall performance profile score was 86.3%, making DCTS the best full-time comprehensive C&T School in the state of Pennsylvania. DCTS also fared well when comparing our School Performance Profile score against our sending schools. DCTS ranked a close third out of 13 behind only Hershey and Lower Dauphin. The administration is very proud of our faculty for preparing our students to be career and college ready.

Building on this achievement, DCTS continues to work on staff development. As we move forward, our faculty is working diligently to develop student learning objectives (SLOs). These SLOs provide goals for PA Standards achievement against standardized performance indicators. This is to provide a standard process to document and measure educator effectiveness. Teachers are more involved in curriculum writing and implementing technology applications to help improve teaching and learning. For information on SLOs and common core standards, visit the PA SAS website at www.pa.sas.com.

The new year is starting off strong for our DCTS students with participation at two venues to showcase our students' talents. Our Ornamental Horticulture students participated in the 98th PA Farm Show, the largest indoor agricultural exposition in the country, and competed against other C&T Schools/Ornamental Horticulture departments. Last year, 20 DCTS Ornamental Horticulture students won prizes in floral arrangements, the most ever at the PA Farm Show. This year DCTS had an equally impressive showing with 22 students receiving awards. Congratulations!

DCTS will also participate in the Pennsylvania Home Builders Show from March 6-9. Building Construction Technology, Carpentry, Masonry, and Ornamental Horticulture students will be participating in the show as exhibitors this year. Come out and support our students and enjoy the fine craftsmanship of our builders.

Additionally, the talents of our students in many organizations - SkillsUSA, DECA and Robotics to name a few - will be on display as they compete at the district, regional, state and potentially national levels in the upcoming months. Watch for DCTS fundraising activities and offer your support to our student organizations and clubs as they work to help defray the costs of these competitions.

Individual Highlights:

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Building Construction Cares

Some of our students had the opportunity to travel to Crisfield, Maryland from March 25 – 29 to help rebuild a house damaged during Superstorm Sandy. Those students include: Alexis Du’Bois, Clayton Early, Marshall Everett, Whitney Faust, Kacey Fry, Zachary Logan, Kayla Lucas, Autumn Pate, Tyquan Reddick, Jailene Santiago, Hannah Welter, Cameron Williard and Sofia Tadych.

If you would like to learn more about our students’ trip you can read their daily posts by visiting their blog spot at buildingconstructioncares.blogspot.com.



Genuine Acts of Kindness



On June 9, 14 students were recognized with a certificate by DCTS Administration for their Genuine Acts of Kindness, a new initiative implemented to reward students for demonstrating an act of kindness which is more than just doing the right thing. The initiative highlights the importance of treating one another and property with respect and to let students know that their acts of kindness do not go unnoticed. Pictured are: Victoria Crist, Nicolette Crow, Zacory Fox, Jacqueline Goodyear, Joshua Hinman, Anthony Lee, Cameron Peters, Cameron Teel and Eduardo Velasco. Absent from the photo are: Joseph Clement, Daniel Dice, Jess Lands, Christian Melendez and Khalid Miranda.



Skills USA National Convention - Kansas City, MO

Three students attended the SkillsUSA National Convention from June 23 – 28. Charles Farence (Information System Technology), Briana Dunlap (Medical Occupations Technology), and Kourtnee Neely (Medical Occupations Technology) represented DCTS at the convention. Kourtnee served as a Pennsylvania national delegate to the House of Delegates and Briana won third place taking home the national bronze in Nursing Assistant. It was certainly a memorable time in Kansas City.

The SkillsUSA national convention involved 15,000 participants with 6,000 competitors. The closing ceremony gathered over 20,000 students, advisors, competition judges, staff, industry sponsors, technical advisers, and exhibitors. It is certainly a tremendous experience for our students to network with such a large enthusiastic group of C&T supporters.

The students particularly enjoyed the passionate presence of Mike Rowe. Mr. Rowe is embarking on a new television series on CNN called "Somebody's Got to Do It". During the closing ceremony, he involved the entire arena of participants. Mr. Rowe has the ability to connect with our students, and they appreciate his enthusiasm for career and technical education. You can view the closing ceremony on the SkillsUSA website.



DCTS Generosity – Student Fundraisers from 2013/2014

March of Dimes (sponsored by FCCLA) - \$1,398.70
 American Heart Association (sponsored by MOT) - \$1,401.00
 Caitlin's Smiles (sponsored by NHS) - \$1,412.75
 Bethesda Mission (sponsored by Wolverine Council) - \$1,054.65 plus 704 cans & 10 turkeys
 Radabaugh Family (sponsored by DCTS) - \$2,175.44
 Ronald McDonald House Kids Walk for Kids (sponsored by Student Ambassadors) - \$1,613.43
 Manada Conservancy & Happy Tails Holistic Rescue (sponsored by FFA) - \$1,441.00
 Operation Troop Appreciation (sponsored by SkillsUSA) - \$1,535.21
 Muscular Dystrophy Association (sponsored by DECA) - \$1,327.00
 USC Shoah Foundation (sponsored by Social Studies Dept.) - \$1,268.65
 Channels Food Rescue (sponsored by Culinary Arts) - \$1,145.83



Joining Hands Disaster Rebuild - Crisfield, MD

Mr. Brightbill, Building Construction Technology Instructor, and Mr. Carroll, Carpentry Instructor, will supervise a group of selected students in helping to restore Crisfield, Maryland homes devastated by Super Storm Sandy. The students and staff will be traveling to Maryland from September 28 to October 3. This rebuilding effort is sponsored by *Helping Hands*, the same organization which oversee the annual Building Construction Cares trip usually taken in February.



Building Construction Cares Crisfield, Maryland

From September 28 to October 5, Building Construction Cares traveled to Crisfield, Maryland to help with rebuilding efforts from Superstorm Sandy. Students participating included: Matt Boyer, Clayton Early, Whitney Faust, Zach Logan, Jailene Santiago, and Cameron Williard from Building Construction Technology; Noah Gainor, Brandon Jordan, Andriy Laychock, Patrick McCutcheon, Kodey Negrete, Autumn Pate, and Angelina Velazquez from Carpentry; Christian Traynor from Diesel Technology; Alex Hain from HVAC; Jennifer Becker from Medical Assistant; and Leah Hughes from Veterinary Assistant.

Mr. Brightbill – BCT Instructor, Mr. Carroll – Carpentry Instructor, Mrs. Deiling – Instructional Math Coach, Ms. Zelonis – Vocational Facilitator, Mr. Rawls, Sr. – JOC Member, and Ms. Kennedy – Mental Health Counselor worked alongside the students. The team replaced and reframed windows, replaced three roofs with sheathing and shingles, repaired and parged (to finish using a masonry-based mortar) foundation, built a wall, and remolded and reframed existing structures.



DCTS Book Fair

The Annual Fall Book Fair is from November 3 to November 7 in the Library. The Online Book Fair runs from November 3 to November 21 at <http://bookfairs.scholastic.com/homepage/dauphincountyavtsdistrict>.



ALS Ice Bucket Challenge

On September 26, DCTS staff members collected \$837 for the ALS Ice Bucket Challenge sponsored by the National Honor Society. Special thanks to the following staff members who accepted the challenge: Officer Miller, Dr. Fox, Principal, Mrs. Mosteller, Dr. Blanch, Mr. Heath, Mrs. Mosteller, Mrs. Houtz, Mrs. Lynch, Mr. Winton, Mr. Wilson, Mrs. Wise, Ms. Marecki, Mrs. D'Angelo, Mr. Stumpf, Mrs. Refford, Mr. Bathgate, Mr. Bridgehouse, Mr. Williams, Mr. Kirkham, Mrs. Johnson, Mr. Cagno, Mrs. Reitzel, Mr. Wonders, Ms. Hampton, Mrs. Robell, Ms. Robinson, Mrs. Custer, Mrs. Haeffner, Ms. Tansey, Mrs. Schultz, Mr. Hollen, Mrs. Schwenk, Ms. Taylor, & Mr. Edwards.



All-You-Can-Eat Fundraisers

- Please stop by the Carcajou on Saturday, December 6 to support Normality Zero with an all-you-can-eat spaghetti dinner. Tickets will be available at the door for \$7.00 and dinner is from 4:00 p.m. to 7:00 p.m.
- Please stop by the Cafeteria on Saturday, December 20 to support Building Construction Cares with all-you-can-eat pancakes. Tickets will be available at the door for \$6.00 and breakfast is from 7:00 a.m. to 11:00 a.m.

DCTS Fundraisers

Lab Rats

- Save Around Greater Harrisburg Coupon Books *expire Dec 2015 (Now thru November 19)

Normality Zero

- Yankee Candles (November 21 to December 12)
- Collecting Toiletries for Robert M. Jackson Veterans Center (Open House & Spaghetti Dinner)

Class Councils

- Gertrude Hawk (October 31 to November 21)
- Uncle Jerry's T-Shirts (October 31 to November 21)

FFA Chapter

- Pee Jay's Fresh Fruit www.freshfruitorder.org/KeystoneFFA (Taking orders until November 14)



DAUPHIN COUNTY TECHNICAL SCHOOL

Building trades students, teachers had 'best year'

BY PHYLLIS ZIMMERMAN
For The Patriot-News

A Dauphin County Technical School group's trip to North Carolina assisting a Hurricane Irene flood victim was "the best year we've had by far," instructor Robert Brightbill told the school's joint operating committee on March 14.

This was the fifth consecutive year that Brightbill, the school's building construction technology teacher, has led Building Construction Cares, a group of tech school students and adults, on a disaster relief trip. The trip was Feb. 20-25.

This year the group traveled to Swan Corner near South Carolina's Moore Bay to tear down the rotting roof and interior drywall of a home destroyed by Irene's flooding in August 2011. The group also reinstalled much of the home's wiring and constructed a storage shed on the property, as well as cleaned flood debris from a bordering creek.

"The kids gave 120 percent the whole time they were there," Brightbill said.

Group members said they were awed by the strong faith of the homeowner.

"There were lots of Bible verses posted

around the house. It was amazing to see someone who lost so much still have so much faith," senior carpentry student Trevor Smith said.

"The homeowner thought of the flood as a gift so we could come and fix her house. She had the most amazing way to look at the world," said Sharon Deiling, the technical school's math integration specialist.

Building construction technology students who volunteered for the trip were: Klair Bretz, Kyle Forney, Ryan Geesaman, Wade Mader, Robert Miller, Tyler Montgomery and Moises Peguero.

Other student volunteers were: Smith; Katherine Avila, graphic arts; Shelley Beamer, Rebecca Snively, veterinary assistants; Shayna Herbsleb, child care; Marcus Roberge, automotive; Ashley Carrett, law enforcement; and Emilee Delker, Southern Tioga School District.

Adult volunteers were Brightbill; Deiling; Connie Kennedy, Keystone Children and Family Services; Don Updegrave, Don Updegrave Construction; and technical school alumnus Sam Wesner, Dauphin Enterprises LLC.

SUPPORT DOCUMENTS

Building Construction Cares Dauphin County Technical School Overview

By the Numbers:

2008 First Trip
13 Trips
121 Students
17 Programs of Study Represented
36 Projects/Families Affected
18 Adults/Chaperones
12,790 Miles Traveled
6 States impacted

Building Construction Cares (BCC) started as a "what if" conversation at the lunch table in 2008. Since then, BCC has helped 32 families recover from natural disasters both in Central PA and at other locations along the east coast. Over the years, they have taken 108 students representing the Construction Academy and other Programs of Study on the BCC trips. From the journals and through the letters, phone calls and emails Mr. Robert Brightbill, Building Construction Technology Instructor, has received from these students, this trip was a highlight of their life. It has given them a purpose and a direction. BCC has always emphasized the Rotarian concept of "Service above Self", and has helped students realize the importance of giving to others. While BCC completes local projects, the trip is what makes BCC special. It allows participants to build bonds, form friendships, experience new places and presents the opportunity to meet people in need, and affect them in very positive ways. Funds for BCC are generated each year through a community-wide pancake breakfast.

The Journey

Mr. Robert Brightbill, Building Construction Technology (BCT) Instructor, wanted to do something to help with Hurricane Katrina recovery. He spoke with the then Building Principal, Dr. Peggy Grimm, Dauphin County Technical School and asked if this would be a possibility. Dr. Grimm gave her support and within two months Mr. Brightbill received permission from the Joint Operating Committee (JOC), raised \$10,000 to offset costs and joined forces with a Rotarian disaster relief organization, *Joining Hands*. In February 2008, with two vans and two BCT Occupational Advisory Committee (OAC) members in a truck, they left for Biloxi, Mississippi. While in Mississippi, the group completed the punch list for the first home reconstructed in Pass Christiana. They also framed the walls, roof and porch of a new home in Biloxi. Before leaving, the second house was shingled, windows installed and ready for siding and mechanicals. They were able to attend a dedication for the house in Pass Christian.

In 2009, BCT traveled back to Biloxi Mississippi. This trip had Mrs. Sharon Deiling, Math teacher, attending for the first time. BCC built a house in Bay of St. Louis, MI. This house was the first volunteer framed house to pass the new inspection criteria on the first try. This house was a real challenge as the floor was 14' above the ground, another piece of the new building codes required to meet the requirements following Katrina.

In 2010, work was wrapping up in Biloxi, and there had been terrible flooding in Atlanta, Georgia, so BCC headed to a new adventure. Mr. Brightbill never forgot the site as through Cobb County, Georgia and seeing beautiful homes that had the siding, plywood, insulation and drywall removed to allow the first floors to dry. We could see the clothes still hanging in the closets in the upstairs bedrooms while driving by on the street. That year, BCC did not have the two OAC members. Instead they enlisted a JOC member. The main job that year was to insulate, drywall, tape and finish and install the interior doors in the first floor of a flooded home. They also completed a bathroom in a second house, sending Mrs. Deiling and three students to complete the work. This trip was our first of many where we worked for UMCOR (United Methodist Conference on Relief). BCC did not know what project they would be completing when we arrived. Mr. Oelig, JOC Board representative and Mr. Brightbill went to UMCOR Headquarters and received their assignment.

In 2011, BCC returned to Cobb County, Georgia with three OAC members and Mr. Oelig. That year, BCC framed a handicap addition for a family who's two grown children had MS and were stuck in wheelchairs. Their original home was lost in the flood and this new, smaller home did not work with the family and their needs, so BCC also installed a large deck and accessible ramp that week. This year was special as the local NBC affiliate came out and did a story on BCC that got picked up and ran nationally on the weather channel. Another thing that made 2011 special was the family. We are still in touch with them on a regular basis.

In 2012, a new storm hit the Atlantic Coast and devastated the coastal lowlands of North Carolina. BCC found themselves in the little town of Swan Quarter, North Carolina that year with UMCOR. The house BCC worked

on was a flood victim and it was our first time doing demolition. BCC gutted the interior down to the frame, and repaired plumbing, electrical and structural issues. BCC removed 5 (five!) layers of shingles from the roof, restructured the roof and installed new shingles. BCC also constructed a new shed for the home in the back yard. Again, BCC had three members of our OAC with them.

In Spring, 2013, BCC returned to Swan Quarter, this time tasked with projects that the relief coordinator did not think our group would be able to accomplish. BCC tore off, felted and shingled 5 houses in 5 days. One day, there was a rainstorm and it affected another group's project. BCC lent a hand and installed the new shingles on another group's home, bringing our total to six projects. BCC exceeded the expectations of the coordinator. This year became extra special as the homeowner from the previous year invited BCC back to her house for dinner. For the first time, our group was able to see the finished results of our efforts and enjoy an evening with a family that we had helped. It was incredibly emotional to be with this family.

In the Fall 2013, Superstorm Sandy devastated the East Coast. The BCC team found themselves in Atlantic City, NJ. BCC worked on several different projects in Atlantic City, almost all demolition projects. Mr. Tim Carroll, Instructor, Carpentry, and his crew worked on a house by the bay that was flooded. They framed walls in the first floor of a damaged home and installed doors and windows. The other students gutted several houses down to the frames. The main house that BCC worked on required us to remove a poorly constructed addition and install a new rubber roof four stories off the ground. Dr. Grimm, now Administrative Director, DCTS, made this trip special by driving down and spending a few days with us.

In March 2014, BCC made the first trip to Crisfield, MD, a town that they will visit four times over the next few years. Superstorm Sandy created horrible issues in Crisfield, but because it wasn't a coastal vacation town, it did not get much assistance or publicity. The first year in Crisfield, Mr. Carroll's group worked on the interior of a flood damaged home. They re-structured floors, hung and finished drywall and installed trim. Mr. Brightbill's group completed the punch list on a renovated house, insulated a crawl space, painted several interiors and rebuilt a porch.

In October 2014, BCC returned to Crisfield. This time, BCC had a house that they adopted with *Joining Hands*, the Bradshaw house. BCC reframed, restructured, installed new windows, parged the foundation and installed new doors. BCC also replaced roofs on three other homes in the area. The Bradshaw's visited the BCC team on both of the next two trips to Crisfield. Their story was heart wrenching and helping them was one of the most meaningful things BCC had done as an organization. BCC did work on another project that week, one of the crews working in town bit off more than they could chew with a roofing project. BCC took a day, traveled to their site, helped them remove the rest of their shingles, fix the structure, and install most of a new roof to give them a jump on their project. This trip was made memorable by Mr. Jesse Rawls, JOC Board member who worked side by side with the students.

In October 2015, BCC adopted another house with *Joining Hands*. This house needed insulation, fire caulk, sheetrock on the first and second floors and taping and finishing. The gentleman that we were helping was a contractor. He was very hesitant about the students working on his home at first, but quickly learned to appreciate their skills and was very satisfied with the outcome of the job.

In Fall 2016, BCC took the last trip to Crisfield, MD. The group re-shingled four roofs and constructed a handicap ramp. BCC was one of the last UMCOR groups to come through Crisfield, MD.

In May 2017, BCC took a trip to Caretta, WV to assist in *Joining Hand's* final project. *Joining Hands* is ending their 10-year commitment to disaster relief. This last project was a roof tear-off and replacement. The BCC team consisted of seniors representing the Building Construction Technology program.

In October 2017, BCC returned to West Virginia. This time the BCC team went to Richwood to assist UMCOR, United Methodist Committee on Relief. The team assembled a community playground, adding skirting and a deck to a replacement mobile home, and conducted repair work on metal porch roofs. The group consisted of students representing both Building Construction Technology and Carpentry.



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Policy information on programs of study
- **Framework**
Templates and crosswalks to implement programs of study
- **Articulation**
Information relating to statewide articulation agreements

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If you have any questions about this publication, or for additional copies, contact: Bureau of Career and Technical Education, 333 Market Street, 11th Floor, Harrisburg, PA 17126-0333. Voice (717) 783-6667; Fax (717) 783-6672; Text Telephone TTY (717) 783-8445; or www.education.state.pa.us.



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- Carpentry
- Child Care and Support Services Management
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- Computer Systems Networking & Telecommunications
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- Machine Tool Technology
- Management Information Systems
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- Medical/Clinical Assistant
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WHAT IS SOAR?

- SOAR stands for Students Occupationally and Academically Ready
- SOAR programs of study incorporate secondary and postsecondary education elements to insure relevant career and technical content

WHAT WILL YOU BE DOING THIS TIME NEXT YEAR?

- Working in a low paying job?
Living with your parents?
Going to college?
- College is a good next-step for career and technical students
- SOAR is a new opportunity for students which makes earning college credits through your career and technical program of study a real possibility

WHY IS A COLLEGE EDUCATION RIGHT FOR YOU?

- Often students with four-year degrees return to their community college in order to earn technical degrees needed in the job market
- Many community college graduates earn certificates or associate degrees
- Many associate degrees can transfer to baccalaureate programs
- Students with two-year degrees may be employed at higher starting salaries than some four-year degree graduates
- Ask your school counselor about this exciting new program when you schedule your career and technical courses

For more information about your future career plans, speak to your school counselor and check out www.pacareerzone.com

HOW DO YOU EARN FREE COLLEGE CREDITS?

- Earn a high school diploma
- Maintain a 2.5 grade point average in your technical courses
- Achieve competent or advanced on the End of Program assessment (NOCTI, etc.)
- Complete a competency task list at the proficient level or above
- Earn industry certificates where available
- Successfully apply to the college of your choice that offers your Program of Study

Programs are listed on the other side of this brochure. Don't be discouraged if your field of interest is not listed as new programs are continually being developed.

To view current advanced credit opportunities articulated with postsecondary institutions, go to the Equivalency Search results at www.collegetransfer.net Select PA Bureau of Career and Technical Education at the "From" drop down menu.

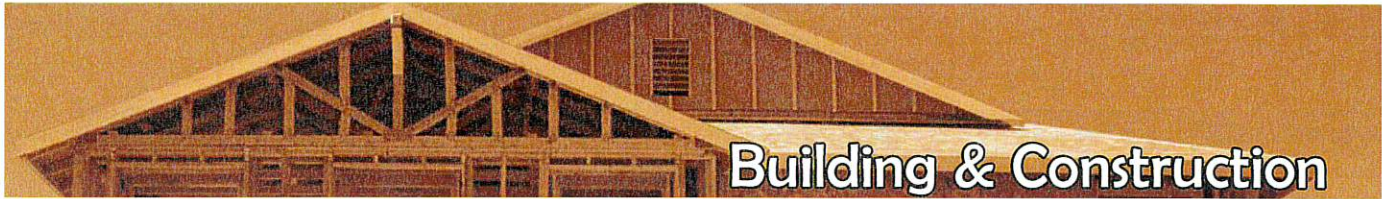
WHY IS THIS IMPORTANT?

The key to a successful and productive society is found in maintaining an educated workforce. Pennsylvania's commitment to developing that workforce is evidenced by its dedication to career and technical education. Whether you want to become a computer technician, an aviation mechanic, or an entrepreneur, you've come to the right place. Pennsylvania's Career and Technical Education programs provide training and education for individuals ages 14 and up through regional career and technical programs located across the state.

HOW DO YOU GET STARTED?

- Your first step is to share this information with your parents
- Together you can then contact your school counselor prior to scheduling for the next school year
- Include college prep academic courses in your schedule to assure college success





Pennsylvania defines industry clusters to serve as the basis for data-driven workforce development policies. An industry cluster includes industries closely linked by common products, labor pools, technologies, supplier chains and training needs. They take on strategic importance for long-term economic planning as changes that benefit one group member will generally impact other members of the cluster.

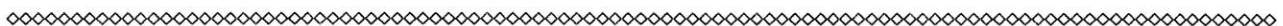
Industry clusters are comprised of specific six-digit North American Industry Classification System, or NAICS, codes. They are mutually exclusive, so that no two clusters contain the same NAICS code. Currently, there are 12 clusters identified, along with several critical sub-clusters. Combined, these 12 industry clusters account for nearly 82 percent of all employment in the Commonwealth.

Cluster Summary

The Building and Construction (BC) cluster includes industries directly involved in the construction of housing, roadways or other physical structures. Industries such as HVAC equipment manufacturing, whose products are used exclusively in the construction of these structures, are also included. The retail industries such as Home Centers which act as a middle man between manufacturer and independent contractors are included as well. Lastly, technical firms offering drafting or architectural services are also in the cluster.

	2009	2014
Employer Units	37,259	34,925
Number of Jobs	344,226	341,984
Percent of Total Pennsylvania Jobs	6.29%	6.06%
Average Annual Wages	\$48,227	\$53,298
Location Quotient	0.95	0.96

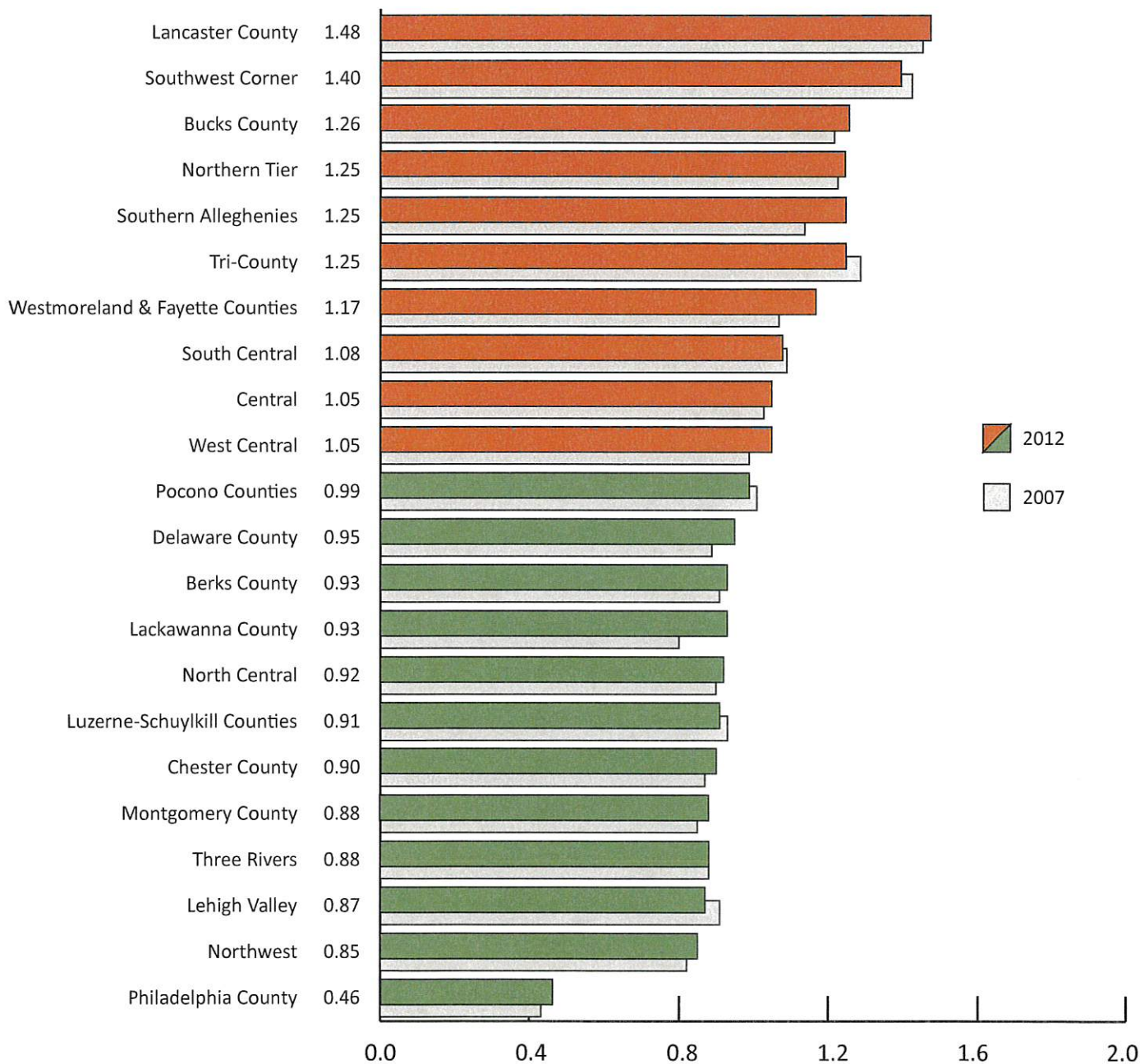
Employment in this cluster was hit the hardest by the recent recession. While not reflected in this data, employment is still down significantly from its pre-recession levels, but in relation to the rest of the country, Pennsylvania has fared better. This is likely due to employment being inflated in some parts of the country, which the housing bubble has since corrected. In any case, Pennsylvania now employs roughly the same proportion of people in the cluster as the rest of the country, as indicated by the Location Quotient (LQ) just under 1.0.



Center for Workforce Information & Analysis
 651 Boas St.
 Harrisburg, PA 17121
www.paworkstats.pa.gov

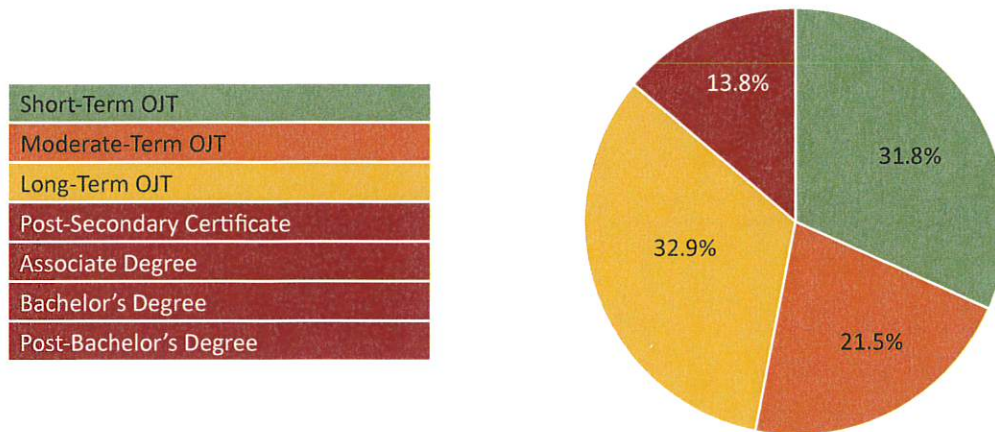
Employment Concentration

A location quotient, or LQ, compares a cluster's share of local employment to its share of national employment. This value can be used when evaluating the strength of an industry cluster within an area. A quotient greater than one indicates that the cluster has, on average, more employees locally than typically expected implying a possible competitive advantage. Almost all of the Workforce Development Areas (WDAs) that have LQs greater than one have also slightly increased their competitiveness since 2009. Southwest Corner, Tri-County, and South Central are the exceptions.



Educational Requirements

This graph illustrates the minimum educational attainment levels for jobs found in this cluster's various industries. Nearly 90 percent of BC jobs require no formal postsecondary training. Many occupations in the cluster may still have apprenticeship programs associated with them, which would be included in the Long-Term OJT category.



Occupations with Significant Employment

The following table lists occupations that are typically employed within the BC cluster. They may not all be identified as High Priority Occupations (HPOs), but are reflective of the cluster's staffing needs. The BC cluster employs at least 5,500 people in each of these 15 occupations.

SOC Code	Occupation	Cluster Wage 2014	Job Openings	
			Industry Cluster	All Industries
47-2031	Carpenters	\$45,138	917	1,498
47-2061	Construction Laborers	\$37,208	949	1,547
41-2031	Retail Salespersons	\$28,916	843	7,036
47-2111	Electricians	\$57,042	489	683
47-2152	Plumbers, Pipefitters & Steamfitters	\$55,177	345	481
47-1011	Supervisors - Construction Trades & Extraction Workers	\$70,702	311	543
47-2073	Operating Engineers & Other Construction Equipment Operators	\$50,269	376	784
41-4012	Sales Representatives	\$61,673	215	1,949
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	\$46,254	298	455
53-3032	Heavy & Tractor-Trailer Truck Drivers	\$38,906	252	2,402
43-6014	Secretaries	\$31,559	155	2,256
43-9061	Office Clerks, General	\$31,204	161	3,274
53-7062	Laborers & Freight, Stock & Material Movers	\$28,603	283	4,437
41-2011	Cashiers	\$20,522	253	6,747
43-3031	Bookkeeping, Accounting & Auditing Clerks	\$37,972	99	1,276