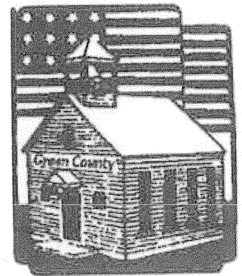


Green County Board of Education

Box 369, Greensburg, KY 42743

Jim Frank, Superintendent



November 10, 2017

As Superintendent of Green County Schools, I am honored to recommend Green County ATC welding instructor Steven Thomas for the Advance CTE Excellence in Action Award.

Mr. Thomas exemplifies excellence in action because of his passion not only for teaching but also for preparing students for a life-long career in the welding industry. Steven has one of the most successful welding programs in the state, placing on average 60% of preparatory students directly into industry welding jobs and nearly 100% gainfully employed or continuing education. He takes pride in posting check stubs on his classroom wall of former students who have obtained successful employment in the welding field.

Mr. Thomas has forged meaningful partnerships with area industry leaders to the extent they go directly to him seeking quality students they can put to work immediately upon graduation. Through these partnerships, his students have been able to complete projects in the classroom shop for equipment needed by industry partners for use on the factory floor. Industry leaders know Mr. Thomas will produce highly skilled, productive employees, with the work ethic to become leaders in the workforce.

Mr. Thomas was instrumental in acquiring a Work Ready Skills Initiative grant for \$1.5 million to renovate the facility and provide much needed training for the region's adult population. He has also helped establish a partnership with a local university to become one of the first to offer an 18 month state welding certification course of study utilizing our facility and his expertise. This was greatly needed in addressing the growing demand for a skilled, modernized workforce in one of Kentucky's priority sectors.

Steven Thomas has been a team player, helping promote the overall vision of the district, while at the same time fostering a positive culture of high expectations and success for all within his school. I can recommend Mr. Thomas for the Advance CTE Excellence in Action Award without reservation. If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Jim Frank".

Jim Frank
Superintendent
Green County Schools

somerset.kctcs.edu
Toll free: (877) 629-9722

November 7, 2017

To whom it may concern,

Somerset Campus
808 Monticello Street
Somerset, KY 42501
Telephone: (606) 679-8501

Laurel Campus
100 University Drive
London, KY 40741
Telephone: (606) 877-1421

Casey Center
1 Peterjohn Street
Liberty, KY 42539
Telephone: (606) 787-4727

Clinton Center
1273 KY Highway 90 W
Albany, KY 42602
Telephone: (606) 387-3236

McCreary Center
141 College Street
Whitley City, KY 42653
Telephone: (606) 376-7505

Russell Center
848 W Steve Wariner Drive
Russell Springs, KY 42642
Telephone: (270) 858-6502

Steven Thomas has been the welding instructor for five years or more at the Green County Area Technology Center. Steven has consistently carried a full load of classes and has been very successful at making his students work ready. Mr. Thomas continuously demonstrates qualities such as cooperation, understanding and consideration for faculty, staff and students alike. In addition to being an outstanding member of our faculty, he also takes an active interest in community activities and community industries.

In addition to his teaching duties, Steven participates in many additional functions. He works with the District 11 Skills USA to host regional competitions at the Pulaski Co ATC and chairs the welding 1 competition.

Steven Thomas works with local industry and business in the development of his program, update trainings, and job placement of graduates. Mr. Thomas regularly attends professional development opportunities for employees provided by the Kentucky Department of Education.

Steven Thomas is a valuable asset to Green County ATC. He is a capable, experienced teacher, well equipped to assume any responsibilities. I strongly recommend Steven for the Advance CTE Excellence in Action Award.

Sincerely,



Karl Watson
Professor
Welding Technology





Skills USA

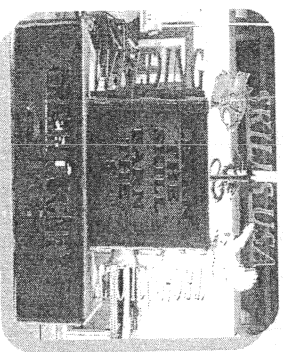
Champions *at* Work

Student Organization:

Dues are \$ 15.00 per year. In order to be a member of Skills USA, you must be enrolled in one of the following programs: Welding Technology, Machine Tool Technology, Wood Manufacturing, or Electrical Technology.

Skills USA provides the opportunity for:

- ◆ Competition
- ◆ Travel
- ◆ Leadership Skills
- ◆ Confidence
- ◆ Real-life Work Experience
- ◆ Shake hands with people of Industry



College and Career Readiness:

- ◆ Work Keys
- ◆ KOSSA or Industry Certification

Industry Certifications

- ◆ 2-F (AWS) American Welding Society Qualification Certification
- ◆ KY DOT
- ◆ KOSSA—Manufacturing Test

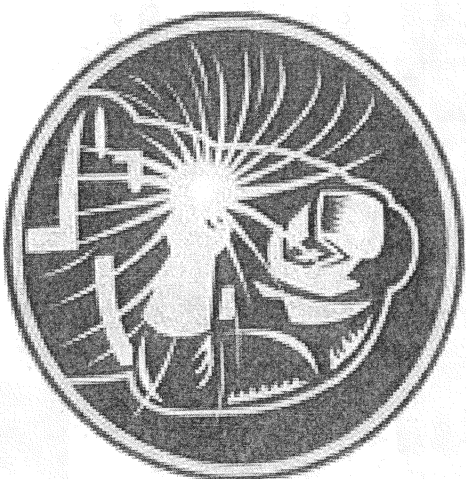


Career Pathways

Welder-Entry Level

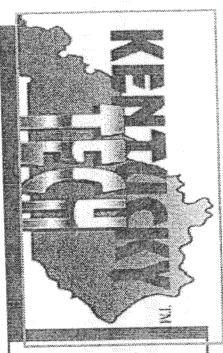
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- 480505 Blueprint Reading for Welding
- 480523 Oxy-fuel Systems OR
- 480501 Cutting Processes
- 480521 Shielded Metal Arc Welding (SMAW)
- 480522 Gas Metal Arc Welding
- 480533 GMAW Groove Lab
- 480528 SMAW Groove Welds with Backing Lab
- 480535 SMAW Open Groove Lab
- 480525 Gas Tungsten Arc Welding
- 480541 Cooperative Education (Welding) OR
- 480544 Internship (Welding)



Welding Technology

Green County
Area Technology Center
102 Carlisle Avenue
Greensburg, KY 42743
270-932-6605



Steven Thomas, Instructor
steven.thomas@green.kyschools.us

WELDING COURSES

Gas Metal Arc Welding Groove Lab - 480533 -

Teaches the method of operation and application of the Gas Metal Arc Welding process for welding groove welds in both ferrous and non-ferrous plate in all positions using both short circuiting and spray transfer where appropriate.

SMAW Groove Welds with Backing Lab - 480528 -

Provides experiences in which students acquire the manipulative skills to do groove welds in all positions with backing.



Blueprint Reading for Welding - 480505—Provides a Provides students with practice fabricating from a blueprint. Provides a study of occupationally specific prints for welders.

Oxy-Fuel Systems—480523

This course provides a working knowledge of: oxy-fuel identifications, set-up, inspections and maintenance; consumable identification, selection and care; principles of operation; and effects of variables for manual and mechanized oxy-fuel cutting, welding, brazing principles and practice, and metallurgy. Shop safety and equipment use are also covered.

Cutting Processes—480501

A working knowledge of various cutting processes used by the welding industry. Designed to provide the student with practical experience to become proficient in the use of various metal cutting processes.

Shielded Metal Arc Welding (SMAW)/ - 480521 -

Teaches students the identification, inspection, and maintenance of SMAW electrodes; principles of SMAW; the effects of variables on the SMAW process to weld plate and pipe; and metallurgy.

Gas Metal Arc Welding (GMAW) 480522 -

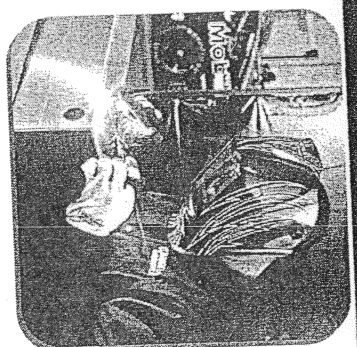
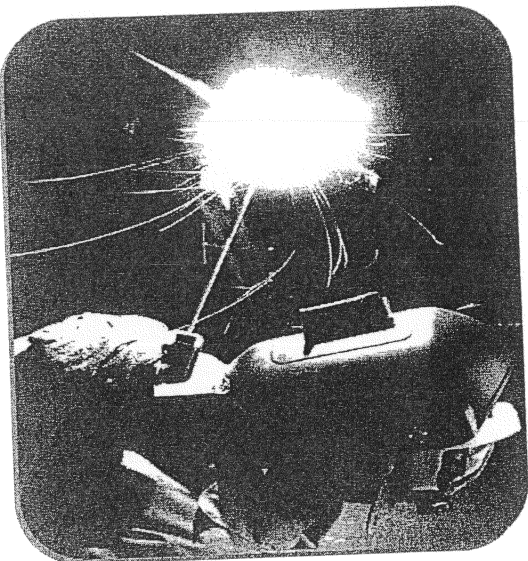
Identification, inspection, and maintenance of GMAW machines; identification, selection and storage of GMAW electrodes; principles of GMAW; and the effects of variables on the GMAW process. Theory and applications of related processes such as FCAW and SAW and metallurgy are also included.

Gas Tungsten Arc Welding 480525

This course covers identification, inspection, and maintenance of GTAW machines; identification, selection and storage of GTAW electrodes; principles of GTAW; effects of variables on the GTAW process; and metallurgy. This course also teaches the theory and application of Plasma Arc Cutting.

SMAW Open Groove Lab 480535

This course offers the student the opportunity to advance skills in the practical aspects of V-butt plate welding using SMAW.

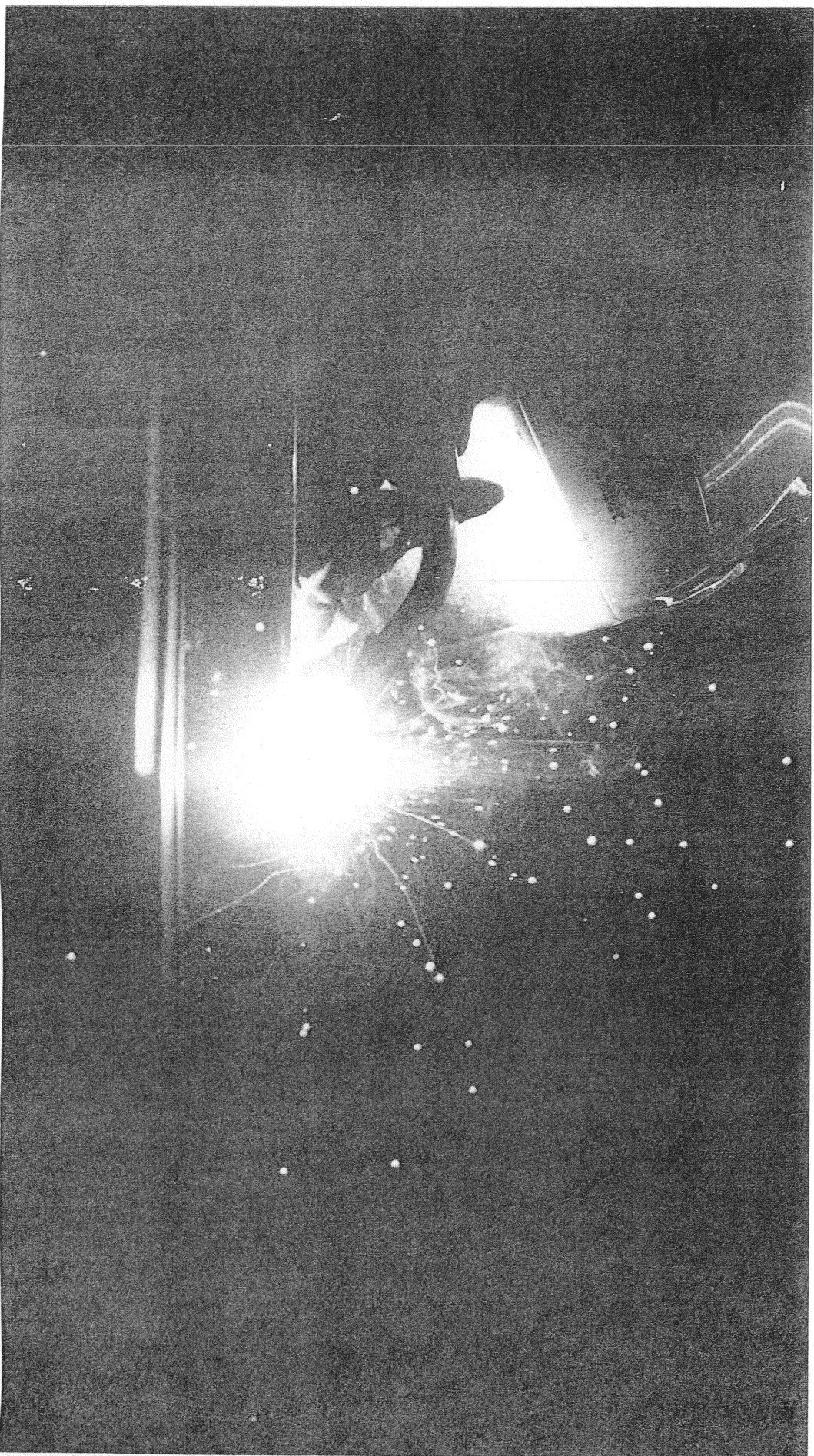


Internship (Welding) - 480544 - The practicum provides supervised on-the-job work experience related to the students' education objectives. Students participating in the practicum do not receive compensation.

Cooperative Education (Welding) - 480541 - Cooperative Education provides supervised on-the-job work experience related to the students' educational objectives. Students participating in the Cooperative Education program receive compensation for their work.

Workings

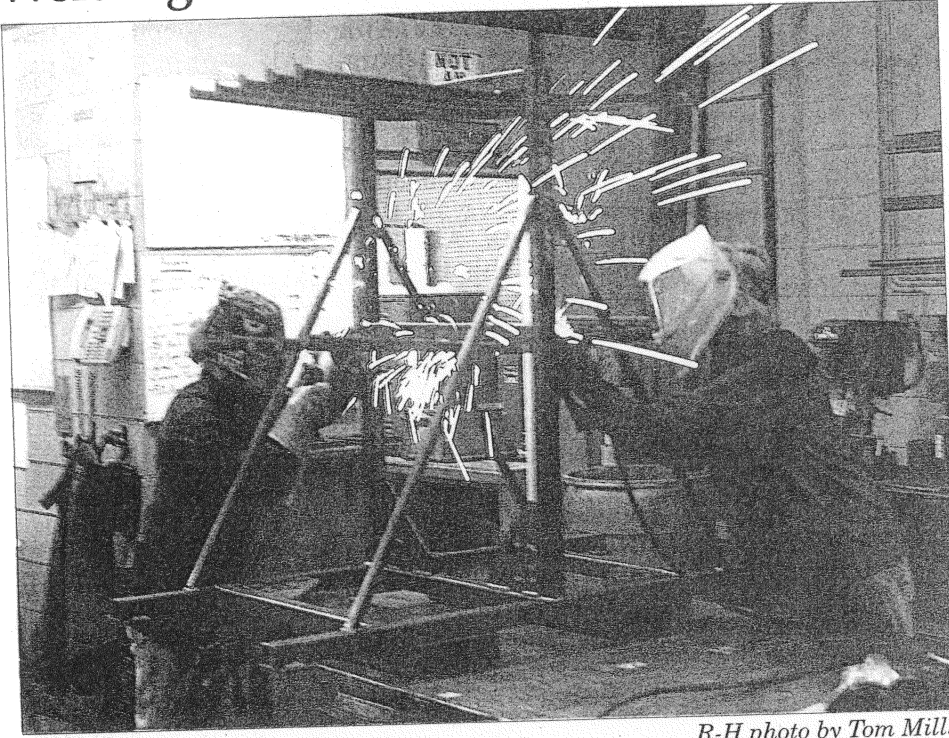
*In Taylor
County*



Zack Bottom, a Campbellsville High senior, works on a specific weld.

photo ZACHARY WRIGHT

Welding business



R-H photo by Tom Mills

Green County Area Technology welding students Hagan Hall and Hunter Curry, upper photo, Friday weld the third v-rod rack the school has produced for Hendrickson International in Lebanon. Students who worked on the first two racks, photo below, are, kneeling, from left, Elijah Rattliff and Wyatt Montgomery. Standing, from left, Ezra Cornett, Hagan Hall, Hunter Curry, Zack Bottoms and Eli Johnson. The projects are pay of the school's partnership with Hendrickson that has seen the company hire 14 ATC graduates since 2014.



Photo s .