



Talk to your School Counselor to learn more about the exciting opportunities in Professional Industrial and Construction Trades.

Your School Counselor can advise you on the proper curriculum to prepare you for your career. He or she can also advise you about post-graduation training opportunities and financial resources to assist you in reaching your career goals.

RESOURCES IN ROANE COUNTY

TENNESSEE TECHNOLOGY CENTER
Harriman (865) 882-6703 www.ttcharriman.edu

ROANE STATE COMMUNITY COLLEGE
Harriman (865) 882-4523 www.roanestate.edu

TENNESSEE CAREER CENTER
Rockwood (865) 376-3082
http://www.state.tn.us/labor-wfd/cc/cccounty_files/roane.htm

PROFESSIONAL TRADE ORGANIZATIONS

can provide a wealth of information about career, educational and training opportunities.

AMERICAN WELDING SOCIETY www.aws.org

FABRICATORS & MANUFACTURERS ASSOCIATION
www.fmanet.org

AMERICAN PRODUCTION & INVENTORY CONTROL SOCIETY www.apics.org

Did you know...?

Your high school may offer DUAL ENROLLMENT and DUAL CREDIT courses that allow you to get a head start on post-graduation training.

The **Tennessee Technology Center** at Harriman offers hands-on technical training in NINE career programs.

Roane State Community College offers SEVENTEEN career education programs and Technical Certificates in TEN areas.

The **Tennessee Career Center** can assist you with career choices with an interest and aptitude survey, help you learn job seeking skills, and direct you to local job openings.

See Your School Counselor Today!

You can learn more about all types of careers at Tennessee Careers:
<http://tcids.tbr.edu>

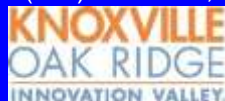
This brochure provided to the
Roane County Board of Education

by

The Roane Alliance,

1209 N. Kentucky St., Kingston, TN 37763

(865) 376-2093,



and **PITTS ENGINEERING WORKS, LLC**

Rockwood, Roane County, Tennessee

Four years of college not for you?

Great Pay and Great Professions for Men and Women!



DID YOU KNOW that *13 MILLION* industrial professionals and tradesmen will be retiring by 2020? For many companies, their biggest concern is the lack of skilled workers available to make their products.

Right now, the Industrial and specialized Construction Trades want young men and women to learn these important skills to replace the aging “Baby Boomer” workforce. Just look at some of the opportunities available to YOU!



INDUSTRIAL TRADES

- Welders
- Machine Tool Programmers and Operators
- Industrial Mechanics & Millwrights
- Fabricators
- Production Planning & Execution
- Computer Aided Design & Manufacturing
- Technology Generalists
- Automotive and Diesel Technicians
- Logistics Specialists
- Specialists in Industrial Hydraulics, Electrics & Mechanics

CONSTRUCTION TRADES

- Plumbing & Pipe Fitters
- Electricians
- Heating & Air Conditioning
- Carpentry & Millwork
- Job Estimator

Ready to start your career?

Tell your School Counselor what career you want to pursue.

Your Counselor can tell you about the high school courses you need to take, available Dual Enrollment/Dual Credit courses, and post-graduation training opportunities.

Want financial assistance?

Tennessee Education Lottery Scholarship Program assistance is available for both Roane State Community College and the Tennessee Technology Center.

Wilder-Naifeh Technical Skills Grants (with no high school GPA or ACT/SAT requirements) are available for Tennessee residents who enroll in a certificate or diploma program at a Tennessee Technology Center.

Ask your School Counselor about affordable training in your chosen field, or visit the Tennessee Technology Center and Roane State.

Now, let's look at what you need to do to get there.

Take courses that will give you a good skill foundation to build upon:



MATH No matter which profession you choose, basic math skills will be required. The ability to calculate measurements, angles, and solve basic problems is very important.

LANGUAGE You must be able to communicate accurately and effectively.



SCIENCE Understanding the basic principles of Physics and Chemistry is very valuable. Many of today's industrial jobs in such diverse fields as Bio-Fuels and chemical manufacturing require a basic knowledge of Biology.



COMPUTERS All computer skills are quite useful, especially EXCEL®.

How much can you earn in the professional trades?

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The pay you receive in a professional trade can vary widely depending on your training, experience, professional certifications, employment location, and the employer. Earning between \$13 and \$26 (or more) per hour is not unreasonable. Employee benefits, such as medical, paid vacation, insurance, savings and retirement, will also vary by employer.

It takes a little effort by you to obtain and prosper in a good-paying career.

