

ATTACHMENT B

INVENTORY OF EDUCATIONAL AND TRAINING PROVIDERS TO THE ENERGY INDUSTRY IN WEST VIRGINIA AND SOUTHWESTERN PENNSYLVANIA

SOUTHWESTERN PENNSYLVANIA

PUBLIC AND PRIVATE COLLEGES AND UNIVERSITIES

California University of PA

Chemistry – Baccalaureate Degree (BD)
Earth Science – Master of Science (MS)
Earth Science – BD
Ecology – BD
Electrical Engineering Technology – BD
Electrical Engineering Technology -- AD
Environmental Earth Science – BD
Environmental Science – BD
Geology – BD
Industrial Technology – BD
Industrial Technology -- AD
Physics – BD
Science and Technology – BD

Carlow University

Chemistry/Chemical Engineering – dual degree program; three years at Carlow University followed by two years at Duquesne University. Bachelor of Science (BS) degree
Mathematics/Engineering -- dual degree program; three years at Carlow University followed by two years at Carnegie Mellon University. Bachelor of Science (BS) degree

Carnegie-Mellon University

Applied Physics – Doctorate (PhD)
Chemical Engineering – PhD
Chemical Engineering – Master of Science (MS)
Chemical Engineering – Bachelor of Science (BS)

Chemistry – MS
Chemistry – PhD
Chemistry – BS
Chemistry – BS (Computational Chemistry track)
Chemistry – Bachelor of Arts (BA)
Civil and Environmental Engineering – PhD (can specialize in Environmental Engineering, Environmental Management and Science)
Civil and Environmental Engineering – MS (can specialize in Environmental Engineering, Environmental Management and Science)
Civil and Environmental Engineering – BS
Electrical and Computer Engineering – PhD
Electrical and Computer Engineering – MS
Electrical and Computer Engineering – BS
Master in Business Administration (MBA) and Engineering Integrated 5-Year Program – MBA, BS
Mechanical Engineering – PhD
Mechanical Engineering – MS
Mechanical Engineering – BS
Physics – PhD
Physics – MS
Physics – BS
Physics – BA

NOTE: Carnegie Mellon University has an Electricity Industry Center, which is focused on research ranging from the reliability and security of electric instrumentation to the generation of green electricity

Chatham University

Chemistry – Bachelor of Science (BS)
Chemistry – Bachelor of Arts (BA)
Engineering – transfer program: three years at Chatham followed by two years at Carnegie Mellon or Penn State University; BS
Environmental Studies – BS
Environmental Studies – BA
Physics – BS
Physics – BA

Duquesne University

Chemistry – Doctorate (PhD)
Chemistry – Master of Science (MS)
Chemistry – Bachelor of Science (BS)
Chemistry – Bachelor of Arts (BA)
Engineering (“Binary Engineering”) – 5-year, dual-degree program between the

Department of Physics at Duquesne University and the School of Engineering at either Case Western Reserve University or at the University of Pittsburgh. Leads to BA in Physics (Duquesne) and a BS in Engineering (from Case Western or the University of Pittsburgh)

- Environmental Science – BS
- Environmental Science – Certificate (online)
- Environmental Science and Management – MS
- Environmental Management – Master of Environmental Management (online)
- Environmental Management – Certificate (online)
- Physics – BS
- Physics – BA

Geneva College

- Chemical Engineering – Bachelor of Science (BS). Jointly administered by the Chemistry and Engineering Departments
- Engineering – BS (possible concentrations in Civil, Mechanical or Computer and Electrical)
- Physics – BS

Indiana University of PA – Main

- Applied Physics – Bachelor of Science (BS) with major in Applied Physics
- Chemistry – Master of Science (MS) in Chemistry
- Chemistry – BS in Chemistry
- Environmental Geoscience – BS
- Geology – BS in Geology
- Physics – BS with major in Physics
- Pre-Engineering – BS; after two years students transfer to schools which have articulation agreements with Indiana University
- Safety Sciences – MS
- Safety Sciences – BS

La Roche College

- Chemistry – Bachelor of Science (BS)
- Chemistry/Chemical Engineering – three years at La Roche leading to BS in Chemistry plus two years at the University of Pittsburgh leading to a BS in Chemical Engineering
- Comprehensive Chemistry – BS
- Environmental Chemistry – joint program, BS in Environmental Chemistry from La Roche plus a Master of Science in Environmental Science and Management from Duquesne University

Mathematics/Industrial Engineering – joint program, BS in Mathematics from La Roche plus BS in Industrial Engineering from the University of Pittsburgh

Penn State University -- Fayette

Electrical Engineering Technology – Associate Degree (AD)
Mechanical Engineering Technology – AD in Engineering Technology
Mining Technology – Associate of Science Degree (AS)

Penn State University – Greater Allegheny

Offers no certificate programs in energy-related fields. It offers the first two years of more than 160 Bachelor's Degrees available within the Penn State system. None of the Bachelor's Degrees that can be completed at the Greater Allegheny campus is in an energy-related arena. Offers an Associate Degree in Science with a good number of courses in Physics and Chemistry. Its corporate training division partners with companies to design programs that meet the needs of a company's workforce.

Penn State University – New Kensington

Electro Mechanical Engineering Technology – Bachelor of Science (BS)
Mechanical Engineering Technology – Associate Degree (AD)
Science, General Option – AD

Point Park University

Civil Engineering Technology – Associate Degree (AS)
Civil Engineering Technology – Bachelor of Science (BS)
Electrical Engineering Technology – AS
Electrical Engineering Technology – BS
Engineering Technology (Post Baccalaureate) – BS
Environmental Science Health and Protection – BS
Mechanical Engineering Technology – AS
Mechanical Engineering Technology – BS

Robert Morris University

Engineering – Bachelor of Science (BS); concentrations in Industrial Engineering or Mechanical Engineering

Environmental Science – BS
Environmental Science – Bachelor of Arts (BA)
Manufacturing Engineering -- BS

Saint Vincent College

Chemistry – Bachelor of Science (BS)
Environmental Affairs – BS
Environmental Chemistry -- BS
Environmental Science – BS
Engineering – joint program: Bachelor of Arts (BA) in Mathematics from Saint Vincent (3 years), BS in engineering discipline of the student's choice in partner school (2 years at the University of Pittsburgh or Penn State University or the Catholic University of America)

Seton Hill University

Chemistry – Bachelor of Science (BS)
Chemistry – Bachelor of Art (BA)
Engineering – joint program: BA degree from Seton Hill (3 years) followed by BS degree from an Engineering College (2 years)

Slippery Rock University of PA

Chemistry – Bachelor of Science (BS)
Chemistry – BS with Environmental Concentration
Environmental Geoscience – Environmental Science – BS
Environmental Science – Geology – BS
Physics – BS
Pre-Engineering – first three years at Slippery Rock, 2 last years completed at Penn State University or Youngstown State University
Safety and Environmental Management – BS

University of Pittsburgh – Greensburg

Biological Sciences – Bachelor of Science (BS) With Concentration in Environmental Track
Natural Science – BS

University of Pittsburgh – Main

Chemical Engineering – Doctorate (PhD)
Chemical and Petroleum Engineering – Bachelor of Science (BS)
Chemical and Petroleum Engineering -- Master of Science (MS) in Chemical Engineering
Chemical and Petroleum Engineering -- MS in Petroleum Engineering
Chemical and Petroleum Engineering -- MS in Chemical and Petroleum Engineering, Dual Program
Chemistry – PhD
Chemistry – BS
Civil Engineering – MS With Concentration in Structural Engineering and Mechanics
Civil Engineering – PhD With Concentration in Structural Engineering and Mechanics
Civil and Environmental Engineering – BS in Civil Engineering With Concentration in Water Resources
Civil and Environmental Engineering – BS in Civil Engineering With Concentration in Environmental Engineering
Civil and Environmental Engineering – BS in Civil Engineering With Concentration in Geotechnical Engineering
Civil and Environmental Engineering – BS in Civil Engineering With Concentration in Structural Engineering
Electrical Engineering – PhD
Electrical Engineering – MS
Electrical Engineering -- BS
Environmental Engineering – MS
Environmental and Occupational Health -- PhD
Geology and Environmental Geology – BS
Geology and Planetary Science – PhD
Geology and Planetary Science – MS
Geotechnical Engineering – MS
Geotechnical Engineering – PhD
Mechanical Engineering – BS
Mechanical Engineering – MS
Mechanical Engineering – PhD
Nuclear Engineering – Graduate Certificate
Physics – MS
Physics – PhD
Physics and Astronomy – BS
Public Health – Masters in Environmental and Occupational Health
Public Health – Certificate in Public Health Preparedness and Disaster Response
Water Resources Engineering – MS
Water Resources Engineering -- PhD

Washington and Jefferson College

Chemistry – Bachelor of Science (BS)
Engineering – dual degree: BS in Physics from Washington and Jefferson,
two years at an Engineering School (at one of three schools, Case
Western Reserve University, Washington University at St. Louis or
Columbia University)
Environmental Studies – BS
Industrial Chemistry and Management – BS
Physics – BS

Waynesburg University

Chemistry – Bachelor of Science (BS)
Engineering – BS from Waynesburg University (3 years) plus 2 years at a partner
University for the Engineering degree (Penn State University, Washington
University at St. Louis or Case Western University)

COMMUNITY COLLEGES/TWO-YEAR COLLEGES/ASSOCIATE DEGREE-GRANTING INSTITUTIONS

Butler County Community College

Business and Industry Safety Trainings – non-credit classes, customized to
local companies; certificate programs offer working professionals
ongoing development
Chemistry – transfer program (to four-year institutions)
Civil Engineering Technology – Associate of Science (AS)
Electronics Technology – AS

Community College of Allegheny County

Center for Professional Development – non-degree, customized training
available in several areas – electrical, mechanical, plumbing, welding,
water management, health and safety, programmable logical controls,
hydraulics and pneumatics
Chemistry – transfer program (to four-year institutions)
Civil Engineering Technology – Associate of Science (AS)
Electrical Construction Technology Apprenticeship – AS. Sponsored by
the Joint Apprenticeship and Training Committee (JATC) of the
International Brotherhood of Electrical Workers (IBEW Local #5)
Electrical Distribution Program – AS. (Prepares for entry-level positions in the
electric utility industry – maintenance/installation technicians on electric

distribution systems and electric substations)
Electrical Distribution Technology Program – Certificate. (To graduate students must have a Commercial Driver License and complete drug screening. Must attend orientation session and complete 40-hour Basic Wood Pole Climbing prior to enrollment in the Certificate Program.)
Electronic Engineering Technology – AS
Engineering Science and Technology Career Program -- AS
Engineering Technology – AS. (Prepares for transfer to a 4-year institution. Three options – Civil, Electrical/Electronic, Mechanical Engineering.)
Integrated Systems Engineering Technology – AS. (Provides skills and knowledge in areas of advanced manufacturing – hydraulics, pneumatics, electrical systems, programmable logical control systems.)
Integrated Systems Engineering Technology – Certificate (two semesters)
Mechanical Electronics Technology – AS
Mechanical Electronics Technology – Certificate
Mechanical Maintenance Technology – AS
Mechanical Maintenance Technology – Certificate
Non-degree classes (community education classes) available in electrical maintenance and wiring, welding, MIG/TIG welding
Physics – AS. It is a transfer program (to four-year institutions)
Welding Technology – AS
Welding Technology -- Certificate

Community College of Beaver County

Chemistry – Associate of Arts (AA); designed for students who want to transfer to four-year universities
Continuing Education – offers customized, on-site job training for employees of a firm in various areas of industrial training, including welding and hydraulics
Maintenance Technology Certification Program – includes Basic Electricity, Basic Welding, Mechanical maintenance, and so on. Program lasts two years, two evenings/week
Physics – Associate of Arts (AA); designed for students who want to transfer to four-year universities
Vo-tech Cooperative Educational Program – gives Vo-tech graduates the opportunity to use their credits to earn an associate's degree from the Community College of Beaver County. Approved Vo-tech programs include Electrical Occupations and Welding. Degree obtained is the Associate in Applied Technologies
NOTE: The Community College of Beaver County (CCBC) is also a member of a broad coalition of schools that includes, in addition to CCBC, the Western Area Career and Technology Center, the Westmoreland County Community College, Belmont Technical College, Jefferson Community College, West Virginia Northern Community College, the Community

College of Allegheny County, Allegheny Ludlum Corporation and the U.S. Steel Corporation. The coalition, which calls itself the Regional Training Center Alliance, is in the process of applying for Department of Labor funds. Its main goal is to address the large numbers of vacancies opening as baby boomers leave the labor force. It intends to provide prospective entrants into the workforce with quick training leading to immediate employment, as well as to long-term preparation for future jobs

Dean Institute of Technology

Combination Welding – Diploma (30 weeks), Welding Technician
Electrical Technician – Associate in Specialized Technology (AST). (Includes instruction in Programmable Controllers)

ITT Technical Institute – Monroeville

Computer and Electronics Engineering Technology – Associate Degree (AD)

ITT Technical Institute – Pittsburgh

Computer and Electronics Engineering Technology – Associate Degree (AD)

Penn Commercial, Inc.

Electrician – Diploma

Pittsburgh Institute of Aeronautics

Electronics Systems Technician – Associate in Specialized Technology (AST), 18 months. Forms electronic technicians who can bridge the gap between programmable devices and the mechanical components they drive.

Heavy Equipment Operator Training – degree unclear, in all likelihood prepares trainee to earn a license. Work with utility companies – electric, gas, water, telephone

Mechanical Systems Training – Diploma (18 months). Prepares trainee for a career in mechanical systems, but not focused in one industry.

Technologies of study include engine repair, composite materials, fabrication, welding, machining and electrical troubleshooting among others. Technician joins his/her chosen industry as an apprentice

Pittsburgh Technical Institute

Electronics Engineering Technology – Associate Degree (AD)

Rosedale Technical Institute

Electrical Technology – degree unclear, 16 months program

Triangle Tech Inc – Greensburg

Welding and Fabrication Technology – AST

Triangle Tech Inc -- Pittsburgh

Maintenance Electricity and Construction Technology – Associate in
Specialized Technology (AST) degree. Trainees do work in Power
Industry (receive instruction on power generators, electrical equipment)
Welding and Fabrication Technology – AST

Westmoreland County Community College

Customized Job Training – non-degree, on the employer's site. Offerings include
hydraulics, Programmable Logic Controllers, welding, others

Electronics Engineering Technology Program – Associate of Applied Science
(AAS)

Engineering Technology – AAS

Manufacturing Technology – AAS (includes introduction to Programmable Logic
Controllers)

Welding Engineering Technology – AAS

Workforce Development – uses Pennsylvania's WEDnet program. Provides
training in basic skills in areas such as product and process control,
applied math and measurements, tooling, workplace health and safety,
and others

NOTE: Westmoreland County Community College emphasizes its participation
in Tech Prep, a "...partnership between career and technology centers,
high schools, colleges, and employers working together to create a
focused sequence of advanced technical and academic courses for
[high school] students wanting to pursue careers in technical fields.
Tech Prep provides a coordinated high school to college pathway
leading to an associate degree or an apprenticeship."

OTHER

Fayette Institute of Commerce and Technology

Maintenance Electricity – Diploma (1,970 hours)

UMWA Mine Technology & Training Center

New Inexperienced Coal Miner Training Center – 360 hours, certificate from Penn State University. Uses simulated mine in training, emphasis on safety. Free training

NOTE: The UMWA Mine Technology & Training Center is working to develop additional programs, including in areas such as Diesel Engines, Electrical Equipment and Supervisory Training (targeting Foremen)

Wyoming Technical Institute – Blairsville

Diesel Technology – degree unclear. Has Advanced Diesel Specialty course. Graduates hired by major corporations

VOCATIONAL-TECHNICAL SCHOOLS/HIGH SCHOOLS WITH VOCATIONAL-TECHNICAL COURSES IN THE ENERGY AREA

A. W. Beattie Career Center

Electronics/Communications Engineering Technology

Beaver County Area Vocational-Technical School

Electrical Occupations

Machine Tool Technologies

Welding

NOTE: The following applies to all three programs above. If a student passes the National Occupational Competency Testing Institute (NOCTI) test, he/she is awarded a certificate by the Pennsylvania Department of Education, signed by the Governor and the Secretary of Education. The student passing NOCTI can enroll in an Associate Degree program at the Beaver County Community College. To earn his/her Associate Degree the student must complete 60 additional credit, 24 of which in

his/her area of concentration
NOTE: Adult Education courses include Basic machine Operators Training/CNC and Welding I and II

Brashear HS

Vehicle Maintenance Technology

Butler County Area Vocational-Technical School

Heavy Equipment Repair – maintenance or repair of gasoline or diesel powered machinery. Extensive study of computerized components, transmissions, electrical/electronic systems, diesel engines. Certifications: National Occupational Competency Testing Institute (NOCTI) in Heavy Equipment Maintenance and Repair; Forklift Operator certification.

Machine Technology – training in the skills necessary for today's precision machining industry. Certification: National Institute for Metalworking Skills, level one

Carrick HS

Electronics/Communications Engineering Technology

Central Westmoreland Career and Technology Center

Electrical Technology – program gives background to pursue jobs in the electrical field, and a variety of possible certifications

Electronic Technology

Machine Trades – student can pursue NIMS level one certification

Metal Fabrication/Welding – students required to take the National Occupational Competency Testing Institute (NOCTI) test for welding. If approved, he/she receives a certificate from the state of Pennsylvania as an entry-level welder

Powerline/TEC 2000+ -- program has several components. One of them prepares student for a career in aerial linework. After completion of this component of the program, student might start as an apprentice line technician and, given on-the-job experience, graduate to journey person status

NOTE: Central Westmoreland offers a variety of day-time adult programs: Electricity, Electronics Technology, Machine Trades, Metal Fabricating and Welding. In the evening, among other offerings are Electrical Technology (including instruction on Programmable Logic Controllers),

Hydraulics and Pneumatics, Machine Trades courses (the school has an articulation with the National Tooling and Machining Association apprenticeship program) and Welding

Eastern Westmoreland Career and Technology Center

Machine Tool Technology – program accredited by NIMS (National Institute for Metalworking Skills)

Welding Technology – program accredited by the American Welding Society (AWS)

NOTE: The school's Adult Education component offers courses in Basic Machine Tool Technology, Program Logic Control, Basic Welding as well as Intermediate and Advanced Welding, and Welding for Certification

Fayette County Area Vocational –Technical School

Electrical & Power Transmission Installation, Other
Diesel Mechanics Technology

Machine Tool Technology

Welding Technology/Welder

Forbes Road Career and Technology Center

Advanced Engineering – pre-engineering preparation

Diesel – teaches repair and service of diesel engines, including those in electrical generators and construction machinery; can lead to apprenticeship in supporting companies such as Beckwith Machinery

Electrical

Electrical Technology

Manufacturing Engineering Technology

NOTE: Programs lead to different types of certification, depending on student concentration and level of expertise attained.

NOTE: Adult day-time vocational programs offer the same content and courses offered to regular students; evening programs are more restricted.

Journeyman Machinist course is offered in the evening.

Greene County Career and Technical School

Electrical & Power Transmission Installation, Other

Machine Tool Technology

Welding Technology/Welder

Indiana County Technology Center

Machining Technology – at the secondary level, provides National Institute of Metalworking Skills (MIMS) level one certificate

Machining Technology – at adult level, several courses available: Introduction to Metalworking (45 hours, \$275); Basic Machining – Mill (45 hours, \$275); Basic Machining – Lathe (45 hours, \$275)

Mining – several courses available for adults: Newly Employed, Inexperienced Underground Mine Training (32 hours, \$250); Newly Employed, Inexperienced Surface Mining Training (24 hours, \$150); Refresher Training for Miners, Surface and Underground (8 hours); Initial Mine Electrician Training (80 hours, \$500); Mine Electrician Retraining (8 hours, \$75)

Welding Technology – at the secondary level, students can become certified welders according to the American Petroleum Institute (API) 1104 code or the American Welding Society's D1.1 Structural Steel Code

Welding Technology – at adult level, individuals can complete modules separately and earn a certification for each module. Students completing the full course (345 hours, \$2,075) receive a Welding Technology Diploma

Langley HS

Pipefitting/Steamfitting
Machine Tool Technology
Welding Technology/Welder

Laurel Highland SHS

Engineering Technology

Lawrence County CTC

Electronics/Communications Engineering Technology
Electrical & Power Transmission Installation
Machine Tool Technology

Lenape Area Vocational-Technical School

Precision Machining Technology (within the Academy of Manufacturing

Technology)
Welding Technology (within the Academy of Manufacturing Technology).
Student can obtain the American Welding Society's entry-level certification upon completion of required testing
NOTE: Adult Education offers classes in Machining, CNC Machining, Welding Basics, TIG Welding, MIG Welding, Introduction to Solid-State Motor Control, Programmable Logic Controller programming, and others

McKeesport Area Technology Center

Engineering Technology

Mon Valley Career and Technology Center

Electrical – students learn (among other things) pneumatics, hydraulics, Programmable Logic Controls. Students coursework may be used to complete the first year of an apprenticeship with the Associated Builders and Contractors

Precision Machining – Articulation agreements (via Tech Prep) with Westmoreland County Community College, Pennsylvania College of Technology

NOTE: Adult courses offered in Precision Machining, Welding Basics and Advanced Welding

North Fayette County AVTS

Electrical & Power Transmission Installation
Welding Technology/Welder

Northern Westmoreland Career and Technology Center

Electronics Technology
Machine Technology – offers National Institute for Metalworking Skills (NIMS) certification
Welding – offers American Welding Society (AWS) certification

Parkway West Career and Technology Center

Machine Tool Technology – students can advance to level of programming CNC equipment and obtaining NIMS certification

Welding Technology – students can earn American Welding Society (AWS) certification

Somerset County Technology Center

Electronics/Communications Engineering Technology
Electrical & Power Transmission Installation
Machine Tool Technology
Welding Technology/Welder

Steel Center Area Vocational-Technical School

Machine Shop – offers the Steel Center Machinist Technician Program. Student can take advantage of Apprenticeship training available through the school's partnership with the National Tooling and Machining Association (NTMA). With a few extra courses student can obtain NIMS certification
Diesel Mechanics
Electronics Engineering Technology – program accredited with California University of Pa.; student can receive college credit

Taylor Allderdice HS

Engineering Technology
Machine Tool Technology

Western Area Career and Technology Center

Electrical Occupations – complete set of courses is three years, with certification available
Machine Shop – National Institute for Metalworking Skills (NIMS) level one certification offered. Articulation agreements with Westmoreland County Community College and California University of Pennsylvania
Welding – successful students are given the opportunity to earn the American Welding Society (AWS) certificate
NOTE: Adult courses include Diesel Maintenance, Machining, Metalworking Technologies, Welding and Industrial Maintenance Technician

APPRENTICESHIPS

NOTE: That a company offers an apprenticeship opportunity does not mean that

it has apprentices at all times. Numbers of apprentices vary widely from company to company and from year to year within the same firm

Electricians

171st Air Refueling Wing/Dpmp
300 Tanker Road, #4226
Coraopolis, PA 15108

Abceck Electrical
1111 Airbrake Avenue
Wilmerding, PA 15148

Allegheny City Electric Inc.
1139 Woodland Avenue
Pittsburgh, PA 15212

Ametek Inc. – Specialty Metal Products
Route 519 P.O. Box 427
Eighty Four, PA 15330

Associated Builders & Contractors of Western Pennsylvania
3500 Spring Garden Avenue
Pittsburgh, PA 15212

Banks Electric Inc.
2540 North View Drive
North Huntington, PA 15642

Canova Electrical contracting Inc.
535 Fifth Avenue
East McKeesport, PA 15035

Carnegie-Mellon University
5000 Forbes Avenue
Pittsburgh, PA 15213

Curtiss-Wright Electro Mechanical Corp.
1000 Cheswick Avenue
Cheswick, PA 15024

GM Mfd Pittsburgh JATC
1451 Lebanon Church Road
West Mifflin, PA 15122

Jkeco, Inc.
3031 Industrial Blvd.
Bethel Park, PA 15102

Kostovny Electric
4205 Greensprings Avenue
West Mifflin, PA 15122

Pullman Electric Inc.
419 Warrington Avenue
Pittsburgh, PA 15210

Pittsburgh Electricians
5 Hot Metal Street Ste 100
Pittsburgh, PA 15203

Richard Harris Contracting
1208 Wood St., Rm. 306
Wilkinsburg, PA 15220

Shiloh Industrial Contractors Inc.
204 Commerce Blvd.
Lawrence, PA 15055

Union Electric Steel Corp.
726 Bell Street
Carnegie, PA 15106

Union Electric Steel Corp.

Box 151, 31 Union Electric Road
Burgettstown, PA 15021

Villi Electrical Group Inc.
308 Magee Avenue
Jeannette, PA 15644

Western Central Pa. Electricians
217 Sassafras Lane
Beaver, PA 15009

Westinghouse Electric Co. Specialty Metals
559 Westinghouse Road
Blairsville, PA 15717

Westmoreland Electric Inc.
RR #3 Box 228
Tarrs, PA 15688

World Kitchens
100 Eighth Street
Charleroi, PA 15022

Electricians, Maintenance

All Clad Metalcrafters LLC
424 Morganza Road
Canonsburg, PA 15317

Eastman Chemical Resins Inc.
State Highway 837, P.O. Box 567
West Elizabeth, PA 15088

Hussey-Copper Ltd.
100 Washington St.
Leetsdale, PA 15056

St. Clair Hospital
1000 Bower Hill Road
Pittsburgh, PA 15243

Zinc Corporation
300 Frankfurt Road
Monaca, PA 15061

Fuel System Maintenance Workers

171st Air Refueling Wing/Dpmp
300 Tanker Road, #4226
Coraopolis, PA 15108

Instrument Repairers

Westinghouse Electric Co. Specialty Metals
559 Westinghouse Road
Blairsville, PA 15717

World Kitchens
100 Eighth Street
Charleroi, PA 15022

Pipefitters

Allegheny JATC
1517 Woodruff Street
Pittsburgh, PA 15220

Associated Builders & Contractors of Western Pennsylvania
3500 Spring Garden Avenue
Pittsburgh, PA 15212

Eastman Chemicals Resins Inc.
State Highway 837, P.O. Box 567
West Elizabeth, PA 15088

General Motors MFD Pittsburgh JATC

1451 Lebanon Church Road
West Mifflin, PA 15122

J & J Fire Protection Co., Inc.
101 Powell Road
Butler, PA 16002

Plumbers & Steamfitters of NW PA Local 47 JATC
186 Wagner Road
Monaca, PA 15061

Sprinkler Fitters
P.O. Box 58161, 227 Stanton Avenue
Pittsburgh, PA 15209

Westinghouse Electric Co. Specialty Metals
559 Westinghouse Road
Blairsville, PA 15717

Plumbers

Bowlin Plumbing and Heating
2535 Main Street
Penn Hills, PA 15235

Carnegie Mellon University
5000 Forbes Avenue
Pittsburgh, PA 15213

Depasquali Plumbing Inc.
182 Wall Road
Clairton, PA 15025

Dushac Plumbing Inc.
2824 Lincoln Way
McKeesport, PA 15131

E. H. Miller Plumbing Co.
4394 Old William Penn Highway
Monroeville, PA 15146

East End Plumbing and Mechanical Inc.
501 South Main Street
Pittsburgh, PA 15215

Frew Plumbing, Heating and Air Conditioning, Inc.
8315 Ohio River Blvd.
Pittsburgh, PA 15202

Hruska Plumbing Co.
1811 McClure Street
Homestead, PA 15120

Jack O'Neill Plumbing
129 Camp Home Road
Pittsburgh, PA 15202

Latrobe Plumbers & Pipefitters
P.O. Box 325
Youngwood, PA 15697

Mr. Rooter Plumbing of Pittsburgh
65 Progress Avenue
Cranberry Township, PA 16066

Newman Plumbing Inc.
308 West Solomon Ct.
Zelienople, PA 16063

Pittsburgh Plumbers
1040 Montour W Industrial park
Coraopolis, PA 15108

Plumbers & Steamfitters of NW PA, Local 47 JATC

186 Wagner Road
Monaca, PA 15061

Pozzuto and Sons Inc.
635 Walnut Street
McKeesport, PA 15132

Ryco Inc.
1215 Market Street
McKeesport, PA 15132

Shiplely Plumbing Inc.
8037 Rowan Road
Cranberry Township, PA 16066

St. Clair Hospital
1000 Bower Hill Road
Pittsburgh, PA 15243

Sullivan Plumbing
910 Braddock Avenue
Braddock, PA 15104

Vrabel Plumbing Company
13 Dewey Lane
Gibsonia, PA 15044

Weider Services
10500 Irwin Road
Gibsonia, PA 15044

Welders, Combination

Bailey Machine Co.
1516 Morrell Avenue
Connellsville, PA 15425

General Motors MFD Pittsburgh JATC
1451 Lebanon Church Road
West Mifflin, PA 15122

Penn State Tool & Die
7590 Route 30
North Huntingdon, PA 15642

WEST VIRGINIA

PUBLIC AND PRIVATE COLLEGES AND UNIVERSITIES

Alderson-Broaddus College

Chemistry – Bachelor of Science (BS)
Environmental Science -- BS

Bethany College

Chemistry – Bachelor of Science (BS)

Bluefield State College (four-year degrees)

Civil Engineering Technology – Bachelor of Science (BS)
Electrical Engineering Technology – BS
Mechanical Engineering Technology – BS
Mining Engineering Technology – BS

NOTE: Bluefield State College has several two-year degrees. Its
four-year programs are articulated with the various associate
degrees offered by the school

Concord University

Chemistry – Bachelor of Science (BS)
Environmental Geosciences/Geology -- BS

Davis & Elkins College

Biology and Environmental Science – Bachelor of Arts (BA)
Chemistry – Bachelor of Science (BS)
Environmental Science -- BS

Fairmont State College (four-year degrees)

Chemistry – Bachelor of Science (BS)
Civil Engineering Technology – BS
Electronics Engineering Technology – BS
Mechanical Engineering Technology – BS
Occupational Safety Program – BS

NOTE: Fairmont State has two-year degrees and includes Pierpont Community and Technical College. Its four-year programs are articulated with the various associate degrees offered by both Fairmont and Pierpont CTC

Glenville State College

Chemistry – Bachelor of Arts (BA)
Natural Resources Management – Environmental Science – Bachelor of Science (BS)

Marshall University

Chemistry – Bachelor of Science (BS)
Civil Engineering – BS
Engineering – BS; can pursue an area of emphasis on Environmental Remediation
Environmental Science – BS
Geology – Bachelor of Arts (BA)
Geology – BS
Physics -- BS

Shepherd University

Chemistry – Bachelor of Science (BS)
NOTE: The school has a Department of Computer Science, Mathematics and Engineering and an Institute of Environmental Studies. It is not clear which degrees exactly are offered by each of these

University of Charleston

Chemistry – Bachelor of Science (BS)

West Liberty State College

Chemistry – Bachelor of Science (BS)

Chemistry – Bachelor of Arts (BA)

NOTE: West Liberty has a Warwood Center, which is committed to serving adults with quality higher education courses. Has evening and Saturday programs. Courses not specified

West Virginia State University (four-year degrees)

Chemistry – Bachelor of Science (BS)

West Virginia University

Chemical Engineering -- Bachelor of Arts (BA)

Chemical Engineering -- Bachelor of Science (BS)

Chemical Engineering – Master of Science (MS)

Chemical Engineering – Doctorate (PhD)

Chemistry – BA

Chemistry – BS

Chemistry – MS; specializations in Analytical, Inorganic, Organic, Physical, Theoretical

Chemistry – PhD; specializations in Analytical, Inorganic, Organic, Physical, Theoretical

Civil Engineering – BS

Civil Engineering – MS

Civil Engineering – PhD

Electrical Engineering – BS

Electrical Engineering – MS

Electrical Engineering – PhD

Environmental Geoscience – BA

Geography – MA, specialization in Energy and Environmental Resources

Geology – BS

Geology – MS; specializations in Hydrology, Geomorphology, Geophysics, Paleontology, Petrology, Stratigraphy, Structure

Geology – PhD; specializations in Hydrology, Geomorphology, Geophysics, Paleontology, Petrology, Stratigraphy, Structure

Industrial Mathematics and Statistics – BS

Mechanical Engineering – BS

Mechanical Engineering – MS
Mechanical Engineering – PhD
Mining Engineering – BS
Mining Engineering – MS
Mining Engineering – PhD
Mining Engineering and Civil and Environmental Engineering, dual degree – BS
Mining Engineering and Civil Engineering/TEC 4+1 Program – BS
Mining Engineering and Geology, dual degree – BS
Occupational and Safety Health -- PhD
Petroleum and Natural Gas Engineering – BS
Petroleum and Natural Gas Engineering – MS
Petroleum and Natural Gas Engineering – PhD
Physics – BA
Physics – BS
Physics – MS; specializations in Astrophysics, Applied Physics, Chemical Physics, Condensed Matter Physics, Elementary Particle Physics, Plasma Physics, Materials Physics, Solid State Physics, Statistical Physics, Theoretical Physics
Physics – PhD; specializations in Astrophysics, Applied Physics, Chemical Physics, Condensed Matter Physics, Elementary Particle Physics, Plasma Physics, Materials Physics, Solid State Physics, Statistical Physics, Theoretical Physics
NOTE: West Virginia University has a variety of Centers, Institutes and Initiatives relevant to the energy field. Among them are the following:
Advanced Power and Electric Research Center
Center for Industrial Research Applications
Coal and Energy Research Bureau
Generic Mineral Technology Center for Respirable Dust
Longwall Mining & Ground Control Research Center
National Mine Land Reclamation Center; West Virginia Water Research Institute
National Research Center for Coal and Energy

West Virginia University at Parkersburg (four-year degrees)

Bachelor in Applied Technology – designed for students interested in a career as a manager/executive or as an engineering technician. It is part of a 2+2+2 structure (last two years of High School, Associate of Applied Science in Engineering Technology or in Computers and Information Technology, then the Bachelor in Applied Technology)

West Virginia University – WVU Institute of Technology

Chemical Engineering -- Bachelor of Science (BS)

Chemistry – BS

Civil Engineering – BS

Electrical Engineering – BS

Mechanical Engineering – BS

NOTE: The Community and Technical College of the WVU Institute of Technology will be listed separately below, in the section on community colleges and Associate Degree-granting institutions

West Virginia Wesleyan College

Chemistry – Bachelor of Science (BS)

Engineering Physics – BS. Students who want to pursue a full engineering degree spend three years at Wesleyan and then transfer to schools with which Wesleyan has articulation agreements – West Virginia University and the University of Virginia

Environmental Science – Bachelor of Arts (BA)

Environmental Science – BS

Physics – BA

Physics – BS

Wheeling Jesuit University

Chemistry – Bachelor of Arts (BA)

Chemistry – Bachelor of Science (BS)

Engineering – cooperative agreement with Case Western Reserve University. Student spends three years at Wheeling Jesuit and two years at Case Western, earning a BS in Applied Science from Wheeling and a BS in Engineering from Case Western

Physics – Wheeling Jesuit offers only a degree leading to K-12 teaching. However, an agreement similar to the one described for Engineering leads to a BS in Applied Science from Case Western Reserve University

COMMUNITY COLLEGES/TWO-YEAR COLLEGES/ASSOCIATE DEGREE-GRANTING INSTITUTIONS

Blue Ridge Community & Technical College

Industrial Maintenance Program – Certificate. Includes courses on electrical theory, motors and transformers, electrical motor controls, programmable

logic controllers, welding technology
Technology Studies – Associate of Applied Science (AAS). College can customize the AAS degree for employers
NOTE: Blue Ridge Community & Technical College offers customized skills-based training and performance improvement services to the regional workforce

Marshall Community & Technical College

Mine Inspection – Associate in Applied Science (AAS). The degree is offered under the statewide Occupational Development initiative, delivered at all ten community and technical colleges in West Virginia. (For a full description of the Occupational Development initiative see write-up on the West Virginia Northern Community College.)

Welding – AAS. Offered under Technical Studies, another statewide initiative delivered at all ten West Virginia community colleges. (For a full description of the Technical Studies program see write-up on the West Virginia Northern Community College.) The degree is limited to High School students enrolled in the EDGE (Tech Prep) program.

NOTE: Marshall Community & Technical College's Division of Continuing Education also provides training to businesses and individuals. It provides potential opportunities to that energy industry companies can exploit

New River Community and Technical College

Environment Science – Associate of Applied Science, Technical Studies Degree Program (AASTS)

Machining Technology – Certificate in Technical Studies Program (CTS)

MIG Welding – Skills Sets Certificate (SSC)

Physical Plant Welding Technician – SSC

Workforce Development – New River Community and Technical College provides workforce training programs and services in partnership with the Workforce Investment Board, WorkForce West Virginia and technical education centers in its service area. It provides a variety of customized training programs, continuing education and other workforce training solutions to meet its client needs through the College's Center for Workforce and Business Development. Among the offerings are areas of specialization that have relevance for the energy industry, such as Programmable Logic Controllers and Industrial Maintenance.

Pierpont Community and Technical College (part of Fairmont State University)

Apprentice Underground Miner – a non-academic workforce training program. It is a miner orientation program (“red hat training”) which prepares the student for the certification exam required to become an entry-level underground miner. Day-time and evening classes available, \$350

Oil and Gas – Floorhand Training Program – also a non-academic, workforce training program. It offers 5 days (40 hours) of classroom and hands-on training. Curriculum accredited by the International Association of Drilling Contractors; provides rig pass certification

NOTE: Pierpont Community and Technical College operates the Appalachian Basin Oil & Gas Training Center, created by a partnership between the West Virginia oil and gas industry and the Community and Technical College System of West Virginia. The Center is designed to be a conduit for increasing and strengthening the worker pool for the industry, while linking workers to jobs in a time-efficient manner

Southern West Virginia Community & Technical College

Academy for Mine Training and Energy Technologies – created via a partnership with major coal companies. Offers a variety of courses leading to industry certifications, most of which are transferable to academic credits. Has an underground mine simulation and a simulator of surface mining equipment. Example of courses are the 80-hour Underground Mine Apprenticeship Training (\$350), the 40-hour Electrical Apprenticeship Training (\$300), the 40-hour Surface Mine Apprenticeship (150), and others

Electrical Engineering Technology – Associate of Applied Science (AAS)

Electrical Engineering Technology – Certificate program

Technical Studies in Applied Technology – AAS. This is a degree designed for students completing an occupational specialization at a career/vocational center. It is designed to provide students with the general educational knowledge, management skills and technical competencies necessary for employment in various trades. It complements the occupational specialty with a focus on management. The student can choose among various technical specialties, one of which is Mining Technology. It leads/can lead to Mine Foreman Certification

Mining Management Program – Associate Degree

Non-Traditional Certificate Program -- the certificate-level correspondent to the AAS in Technical Studies in Applied Technology. Has a Specialization in Mining Technology

NOTE: Southern West Virginia Community & Technical College also offers a variety of courses relevant to the energy industry as part of broader programs. Under Engineering, for instance, Mining Electricity courses (I and II) can be found. There are also course on Power Plant

Technology – Power Plant Fundamentals, Electrical Controls, Instrumentation and Controls, and others

NOTE: Southern West Virginia Community & Technical College also offers customized training in close cooperation with companies in any industry, including energy

The Community and Technical College at WVU Institute of Technology

Applied Technologies – Associate of Applied Science (AAS). This is a cooperative program with vocation/technical career centers (VTC). Student must complete one of the program emphasis areas at a VTC and selected courses at the Community and Technical College at WVU Tech

Civil Engineering Technology – Associate of Science (AS)

Electrical Engineering Technology -- AS

Engineering Technology – Environmental Emphasis – AS

Mechanical Engineering Technology – AS

Mining Specialist: Electrical – Certificate (one year). Program responds to industry demand for individuals with a background in electrical systems, Ethernet fundamentals, and a scientific basis in geology, surveying and blueprint reading. With addition of a second year, student can earn an Associate of Science degree. With two additional years (3rd and 4th years), it may be possible to pursue a Baccalaureate degree

Mining Specialist: Electro-mechanical – Certificate (one year)

Mining Specialist: Mechanical – Certificate (one year). Program responds to industry demand for individuals with a background in mechanical systems, electrical and maintenance fundamentals, and a scientific basis in geology, surveying and blueprint reading. With addition of a second year, student can earn an Associate of Science degree. With two additional years (3rd and 4th years), it may be possible to pursue a Baccalaureate degree

Technical Studies – Diesel Technology – AS

NOTE: The Community and Technical College also participates in a Mining Safety Technology Consortium in partnership with Marshall University's Center for Environmental, Geotechnical and Applied Science. The Consortium is a multi-disciplinary organization created in response to the recent mining tragedies. Its goal is to assist state institutions to develop systems to protect underground miners

West Virginia Community College at Parkersburg (a regional campus of West Virginia University)

Bachelor of Applied Technology – Baccalaureate degree designed for students interested in a career as a manager/executive or as an engineering

technician

Engineering – Associate in Science (AS). Designed for students planning to transfer to other schools

Engineering Technology – Associate of Applied Science (AAS)

Environmental Technology - AAS

Industrial Maintenance – AAS

Industrial Maintenance – Certificate

Occupational Development – it is one of the statewide initiatives delivered at all ten West Virginia community colleges; for full description see write-up on West Virginia Northern Community College. The Occupational Development program leads to an AAS and is available to persons taking training in an Apprenticeship program approved by the U. S. Department of Labor Bureau of Apprenticeship and Training

Oil and Gas Well Tenders Certification Program – Certificate, available through Corporate and Community Education. Prepares individuals to inspect, maintain, repair and report on wells; to operate and maintain valves and other equipment; and to perform various other duties

Science and Pre-Professional – AS. Designed for transfer students. Emphasis available in areas such as Chemistry, Physics and Geology

Welding – Certificate. Students take the West Virginia Certification Exam

Welding Management Technician – AAS. Prepares students to serve as a liaison between engineers and welders

Welding Skills Technology – Prepares skilled certified welders

NOTE: West Virginia Community College at Parkersburg is involved in a partnership with the Wood County schools and the area's business and labor. The partners have created the Caperton Center for Applied Technology to prepare and develop the regional labor force. Wood County High School students can pursue collaborative programs in the Center and earn credit; the Community College students can obtain associate and bachelor's degrees at the Center; and area residents can upgrade their skills and learn new ones. Degrees offered at the Caperton Center are included in the list provided above

West Virginia Northern Community College

Industrial Maintenance Technology -- Associate degree

Technical Education and Training Partnership Programs – This is a Partnership with six county school systems. The Partnership allows the student to earn Associate in Applied Science degrees by combining technical courses available through the school systems with advanced and other support courses at the College. Welding Technology and Electronics Technology are available under the Partnership. There is also a Technical Specialty option, which combines technical courses offered by the school system with courses offered at the College. The exact content of the Technical

Specialty option varies with the school system

NOTE: The College offers initiatives which are statewide in nature, i.e., available throughout West Virginia's Community and Technical Colleges. These initiatives can be utilized by energy companies or by individuals interested in the industry for purposes of training. The Board of Governors program offers an Associate or Applied Science degree to adult learners seeking to meet occupational goals or employment requirements, or to establish professional credentials. Under the Technical Studies initiative, the College works with employers or agencies to develop programs which incorporate training from the sponsor combined with general education and technical training provided by the College. Technical Studies offers participants an Associate Degree. Under the Occupational Development initiative, the College recognizes training from approved U.S. Department of Labor Bureau of Apprenticeship Training (BAT) programs as earning credits towards an Associate Degree. The required courses of study are determined by agreements between the Colleges and the specific Apprenticeship program. One agreement that has relevance for the energy industry is that between the College and the Wheeling Plumbers and Steamfitters Joint Apprenticeship Program, which offers trainees an Associate of Applied Science degree

NOTE: Other initiatives/programs at Northern can be used by the energy industry. Continuing Education offers both credit and non-credit courses through which individuals can acquire certifications or credentialing for career advancement. Customized courses and programs are available for employers. A second initiative can be used to prepare individuals for entry-level jobs. The Fast Track Jobs program offers training that lasts 90 days or less, using Workforce Investment Act (WIA) funding among other sources

West Virginia State Community and Technical College

General Technology: Electricity Option – Associate in Applied Science (AAS). This is an Edge/Cooperative Program with the Career/Technical Centers. Students who complete the Electricity Program in a Career/Technical Center are granted 30 credit hours towards the AAS upon completion of all courses in the Electricity program and a passing score of 75% or above on the state exam.

General Technology: Electronics Technician Option – AAS. Also an Edge/Cooperative program with the Career/Technical Centers (CTCs).

General Technology: Welding Technology Option – AAS. Also an Edge/Cooperative program with the CTCs.

Occupational Development – AAS. This degree results from a partnership between the College, the U.S. Department of Labor Bureau of Apprenticeship and Training, companies and labor unions. Apprentices seeking the AAS in Occupational Development earn credits from the

Annual Classroom Training and On-the-Job training required by their apprenticeship program, and other credits in courses at the College

Power Plant Technology – AAS. Program developed in cooperation with American Electric Power. Designed to prepare students for employment as an entry level power plant operator.

Technical Studies (General Option) – AAS. Component III of this program, “Technical/Occupational Specialty”, includes fields that can be relevant for the energy industry (such as Electrical Systems and Fluid Power)

Technical Studies – Certificate (32-40 hours). Very flexible, can be combined with on-the-job training and with training offered by companies. It targets individuals who are currently employed; can be utilized by energy companies.

NOTE: West Virginia State Community and Technical College also offers customized credit and non-credit training. The College works closely with employers to develop training that “fits” the needs of the customer. Program can be delivered on-site, scheduled to meet employer requirements, and be delivered at affordable rates

VOCATIONAL-TECHNICAL SCHOOLS/HIGH SCHOOLS WITH VOCATIONAL-TECHNICAL COURSES IN THE ENERGY AREA

Hedgesville High School (Berkeley)

Power, Structural and Technical Systems

Martinsburg High School (Berkeley)

Power, Structural and Technical Systems

Musselman High School (Berkeley)

Power, Structural and Technical Systems

Boone County Career and Technical Center

Electrical Technology
Welding Technology

Braxton County High School

Electrical Technology
Industrial Equipment Maintenance

Brooke High School

Machine Tool Technology

Midland High School (Cabell)

Pre-Engineering Academy

Huntington High School (Cabell)

Pre-Engineering Academy

Cabell County Career Technology Center

Electrical Technology
Electronics Technology
Machine Tool Technology
Welding Technology

Calhoun-Gilmer Career Center

Energy Resource Technology
Environmental Technology
Metal Technology

Clay County High School

Power, Structural and Technical Systems

Fayette Institute of Technology

Electrical Technology
Welding Technology

Fred W. Eberle Technical Center

Diesel Equipment Technology
Electrical Technology
Welding Technology

Gilmer County High School

Power, Structural and Technical Systems

Union Educational Complex (Grant)

Power, Structural and Technical Systems

Greenbrier East High School

Power, Structural and Technical Systems

Greenbrier West High School

Welding Technology

Hampshire Senior High School

Power, Structural and Technical Systems

John D. Rockefeller IV Career Center (Hancock)

Electronics Technology
Welding Technology

East Hardy High School

Power, Structural and Technical Systems

Liberty High School (Harrison)

Power, Structural and Technical Systems

Lincoln High School (Harrison)

Power, Structural and Technical Systems

South Harrison High School

Power, Structural and Technical Systems

Anthony Center (Institutional Education)

Welding Technology

Davis Center (Institutional Education)

Welding Technology

Huttonsville Center (Institutional Education)

Electrical Technology
Metal Technology

Pruntytown Center (Institutional Education)

Electrical Technology

Northern Regional Jail and Correctional Facility (Institutional Education)

Energy Resource Technology

Mount Olive Correctional Complex (Institutional Education)

Welding Technology

Denmar Correctional Center (Institutional Education)

Electrical Technology

St. Mary's Correctional Center (Institutional Education)

Electrical Technology

Ravenswood High School (Jackson)

Power, Structural and Technical Systems

Ripley High School (Jackson)

Power, Structural and Technical Systems

James Rumsey Technical Institute

Diesel Equipment Technology
Electrical Technology
Electromechanical Technology
Machine Tool Technology
Welding Technology

Jefferson High School (Jefferson)

Power, Structural and Technical Systems

South Charleston High School (Kanawha)

Pre-Engineering Academy

Ben Franklin Career Center (Kanawha)

Diesel Equipment Technology
Electrical Technology
Electronics Technology
Machine Tool Technology
Welding Technology
Operation and Service, Heavy Equipment

Carver Career Center (Kanawha)

Electrical Technology
Plumbing
Welding Technology

Lincoln County High School

Electronics Technology
Welding Technology

Ralph R. Willis Career and Technical Center (Logan)

Electrical Technology
Industrial Equipment Maintenance
Machine Tool Technology
Welding Technology

Fairmont Senior High School (Marion)

Pre-Engineering Academy

Marion County Technical Center

Electrical Technology
Metal Technology

John Marshall High School (Marshall)

Industrial Equipment Maintenance
Machine Tool Technology
Welding Technology

Hannan High School (Mason)

Power, Structural and Technical Systems

Mason County Career Center

Power, Structural and Technical Systems
Machine Tool Technology
Welding Technology

Mercer County Technical Education Center

Electrical Technology
Welding Technology

Mineral County Technical Center

Electronics Technology
Welding Technology

Mingo County Career and Technical Center

Power Equipment Systems
Welding Technology

Clay-Battelle High School (Monongalia)

Power, Structural and Technical Systems

Monongalia County Technical Education Center

Electrical Technology
Welding Technology

Monroe County Technical Center

Power, Structural and Technical Systems

Berkeley Springs High School (Morgan)

Power, Structural and Technical Systems

McDowell County Career and Technology Center

Electrical Technology
Machine Tool Technology
Welding Technology

Mid Ohio Valley Technical Institute (MOVTI)

Welding Technology

Nicholas County Career and Technical Center

Electronics Technology
Industrial Equipment Maintenance
Welding Technology

Wheeling Park High School (Ohio)

Electronics Technology
Machine Tool Technology
Power Equipment Systems
Welding Technology

Pocahontas County High School

Electrical Technology
Electronics Technology
Welding Technology

Preston High School (Preston)

Electrical Technology

Putnam Career and Technical Center

Electrical Technology
Energy Resources Technology
Plumbing
Power Equipment Systems
Pre-Engineering Academy
Welding Technology

Shady Spring High (Raleigh)

Power, Structural and Technical Systems

Academy of Careers and Technology (Raleigh)

Diesel Equipment Technology
Electrical Technology
Pre-Engineering Academy
Welding Technology

Tygarts Valley High School (Randolph)

Power, Structural and Technical Systems

Randolph Technical Center (Randolph)

Electrical Technology
Industrial Equipment Maintenance
Power Equipment Systems
Pre-Engineering Academy

Roane-Jackson Technical Center

Industrial Equipment Maintenance

South Branch Career and Technical Center

Electronics Technology
Industrial Equipment Maintenance
Welding Technology

Taylor County Technical Center

Metal Technology

Tyler Consolidated High School (Tyler)

Power, Structural and Technical Systems

United Technical Center

Electrical Technology
Electronics Technology
Industrial Equipment Maintenance
Machine Tool Technology
Welding Technology

Buckhannon Upshur High School (Upshur)

Power, Structural and Technical Systems

Tolsia High School (Wayne)

Welding Technology

Webster County High School

Welding Technology

Hundred High School (Wetzel)

Power, Structural and Technical Systems

Magnolia High School (Wetzel)

Power, Structural and Technical Systems

Valley High School (Wetzel)

Power, Structural and Technical Systems

Wirt County High School

Power, Structural and Technical Systems

Wood County Technical Center

Welding Technology

Caperton Center for Applied Technology (Wood)

Electrical Technology

WV School for the Deaf

Power, Structural and Technical Systems

Wyoming County Career and Technical Center

Diesel Equipment Technology
Electrical Technology
Electronics Technology
Industrial Equipment Maintenance
Welding Technology

APPRENTICESHIPS

NOTE: That a company offers an apprenticeship opportunity does not mean that it has apprentices at all times. Numbers of apprentices vary widely from company to company and from year to year within the same firm

Electrical Instrument Repairer

Bayer Cropscience
P.O. Box 1005
Institute, WV 25112

Electrician

Charleston Electrical, JATC
810 Indiana Avenue
Charleston, WV 25302

Clarksburg Area JATC
P.O. Box 341
Clarksburg, WV 26301

Facilities Management
P.O. Box 6570
Morgantown, WV 26506

Huntington Electrical JATC
1850 Madison Avenue
Huntington, WV 25704

Mangus Electric Co.
P.O. Box 1382
Princeton, WV 24740

Master Service Mid-Atlantic
P.O. Box 2417
Elkins, WV 26241

Multi-Trades JATC
Robert F. Kennedy Center
Morgantown, WV 26507

Northern Regional Jail & Correctional Facility
Route 2, Box 1
Moundsville, WV 26041

Omega Industrial Electric
Rt. 1, Box 760
Fayetteville, WV 25840

Parkersburg Joint Electrical Apprentices
1845 7th Street
Parkersburg, WV 26101

Rosemar Construction Inc.
373 Timberline Parkway
Vienna, WV 26105

Tri-County Electric
Two Eleventh Street
Elkins, WV 26241

Wheeling Electrical JATC
82 Burkham Court

Wheeling, WV 26003

Electrician, Maintenance

Alcan Rolled Products – Ravenswood JATC
Century Road, P.O. Box 68
Ravenswood, WV 26164

Central WV Multi-Trades
P.O. Box 500
Glennville, WV 26351

Mayflower Vehicle Systems
3100 Maccorkle Avenue, S.W.
South Charleston, WV 25303

Northern West Virginia Multi Trades
P.O. Box 450
Bruceton Mills, WV 26525

Schott Scientific Glass, Inc.
1624 Staunton Avenue
Parkersburg, WV 26101

Union Carbide Corporation/Dow Chemical
3200 Kanawha Turnpike Bldg 2000 Rm 433
South Charleston, WV 25303

Walker Systems Inc., JATC
1000 Innovation Drive
Williamstown, WV 26187

West Virginia Multi Trades (Beckley Fci)
P.O. Box 1280
Beaver, WV 25813

Instrument Repairers

Corhart Refractories
Route 6 Box 82
Buckhannon, WV 26201

PPG Industries, Inc.
Box 191

New Martinsville, WV 26155

Instrumentation Technicians

Union Carbide Corporation/Dow Chemical
3200 Kanawha Turnpike Bldg 2000 Rm 433
South Charleston, WV 25303

Pipe Fitters

Charleston Plumbers & Pipefitters JATC
3601 James Street
Charleston, WV 25312

Huntington Plumbers JATC
2584-86 Guyan Avenue
Huntington, WV 25703

Morgantown Plumbers Joint Apprenticeship
100 Richard Avenue
Morgantown, WV 26505

Parkersburg Plumbers Jac, Inc.
593 Cedar Grove Road
Parkersburg, WV 26101

Schott Scientific Glass
1624 Staunton Avenue
Parkersburg, WV 26101

Union Carbide Corporation/Dow Chemical
3200 Kanawha Turnpike Bldg 2000 Rm 433
South Charleston, WV 25303

Wheeling Plumbers
177 29th Street
Wheeling, WV 26003

Plumbers

Buena Vista School/Fpc Alderson
Box A, Education Department
Alderson, WV 24910

Central WV Multi Trades
P.O. Box 5000
Glenville, WV 26351

Charleston Plumbers & Pipefitters JATC
3601 James Street
Charleston, WV 25312

Facilities Management
P.O. Box 6570
Morgantown, WV 26506

Huntington Plumbers JATC
2584-86 Guyan Avenue
Huntington, WV 25703

Morgantown Plumbers Joint Apprenticeship
100 Richard Avenue
Morgantown, WV 26505

Multi Trades JATC
Robert F. Kennedy Center
Morgantown, WV 26507

Northern West Virginia Multi Trades
P.O. Box 450
Bruceton Mills, WV 26525

Parkersburg Plumbers Jac, Inc.
593 Cedar Grove Road
Parkersburg, WV 26101

Welders, Arc

Multi Trades JATC
Robert F. Kennedy Center
Morgantown, WV 26507

US Equipment Distributor
900 W 9th Avenue
Huntington, WV 25701

Welders, Combination

Buena Vista School/Fpc Alderson
Box A, Education Department
Alderson, WV 24910

Engines Inc.
1 Electric Road
Milton, WV 25541

West Virginia Multi Trades (Beckley Fci)
P.O. Box 1280
Beaver, WV 25813

Welderfitters

Central WV Multi Trades
P.O. Box 5000
Glennville, WV 26351

PPG Industries, Inc.
Box 191
New Martinsville, WV 26155

Union Carbide Corporation/Dow Chemical
3200 Kanawha Turnpike Bldg 2000 Rm 433
South Charleston, WV 25303