

WILKES-BARRE AREA CAREER & TECHNICAL CENTER

www.wbactc.org

CRESTWOOD



Comets

DALLAS



MOUNTAINEERS

Hanover Area



Hawkeyes

Holy Redeemer



Royals

Lake-Lehman



Black Knights

NANTICOKE AREA
TROJANS



Old Forge



Blue Devils

Pittston Area



Patriots

Riverside



Vikings



Wyoming Area



Warriors

Wyoming Valley West



Spartans

Careers Start Here!

COURSE CATALOG

Wilkes-Barre Area Career & Technical Center
P.O. Box 1699
350 Jumper Road
Wilkes-Barre, PA. 18705-0699
(570) 822-4131
www.wbactc.org



HOME	8TH	9TH	10TH	11TH	12TH	CTE	TRANSITION TO COLLEGE
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- Home
- College Glossary
 - Self Assessment
 - Pre-Application Activities
 - Pre-College Assessments
 - Special Circumstances
- Career and Technical Education (CTE)
 - Application Process
 - Financial Aid
 - Deciding & Taking The Next Steps
- Transitioning To College

GETTINGTHEMHERE.COM

Pennsylvania School Counselors are asked daily to help students get ready for college. Helping students in this multi-year college transition gets more complicated each year.

*This website puts the tools and information that students, parents, and educators need for planning the student's future in their hands. It provides free downloadable resources that can be modified to meet your needs. **Students, parents and other educators will also find the website invaluable as a single source of resources and links to help get Pennsylvania students to postsecondary education.***

Your first day of college may be closer than you think.

The day you start at Wilkes-Barre Area CTC may also be your first day of college.

When you choose one of 23 Programs of Study that award college credits it will also begin your journey to your college degree. Students who choose this path, can look up the Program they choose on www.collegetransfer.net (using the name of the program or the CIP Code). Students can then see what colleges offer credits and how many credits they will receive at each participating college.

*When you choose a program that interests you, you can go to gettingthemthere.com. (Choose CTE and scroll to the bottom of the page, **Official POS Paperwork**. Then, choose your program, and you can now look at the task list that you will follow for that program.*

A graphic of an open doorway with light streaming in from the sides, framing the text.

Open the Doorway to your future

at

wbactc.org

collegetransfer.net

pacareerzone.org



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POLICY OF NON-DISCRIMINATION

The Wilkes-Barre Area Career & Technical Center does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. Programs are offered in Auto Mechanics, Construction Trades, Food Industry, Health and Human Services and Manufacturing. For information on services, activities, and/or accessibility, contact: Frank Majikes, Support Programs Coordinator Title IX and Section 504 Coordinator, (570) 822-4131, Wilkes-Barre Area Career and Technical Center, 350 Jumper Road, Wilkes-Barre, PA 18705-0699.

School Website and Bullying Policy at: www.wbactc.org

Auto Body & Collision Repair Technology

CIP Code 47.0603

The Auto Body and Collision Repair Technology course offers training in the repair of conventional and unibody vehicles. Students will learn MIG welding, torch operation, plasma cutting, resistance spot welding, panel repair, panel replacement, glass installation, plastic work, and refinishing. A state-of-the-art down draft paint booth is utilized for the practice of spray gun operation and painting techniques, including custom paint work. In addition, students are trained in collision damage analysis and unibody straightening by use of the Chief E-Z Liner II system.

Industry Certifications: OSHA, PENNDOT-Inspection, EPA-ASE, EPA-SATA



- * Alignment Specialist
- * Refinisher

Career Options

- * Collision Repair Technician
- * Frame Repair Technician
- * Painting Technician
- * Front End Suspension Technician
- * Insurance / Shop Estimator
- * Independent Repair Shop Owner



Automotive Technology

CIP Code 47.0604

The Automotive Technology program prepares individuals to apply technical knowledge and skills to engage in the servicing and maintenance of all types of automobiles. Areas of instruction will include engines, fuel systems, electrical systems, braking systems, clutch-drive lines, transmissions, differentials, and heating and air-conditioning systems. This course prepares well-trained and skilled graduates who can successfully enter employment at dealerships, specialty shops, service stations, fleet garages, auto parts supply houses, and various other related career opportunities.

Industry Certifications: OSHA, PENNDOT Certified Safety Inspector & Certified Emissions Inspector, EPA 609 Certification for Refrigerant Recovery Recycling

Career Options

- * Independent Repair Shop Owner
- * Electronic Specialist
- * Diagnostic Technician
- * State Inspection Mechanic
- * Alignment Specialist
- * Drivability Technician
- * Factory Representative
- * Service Manager/Shop Foreman

WILKES-BARRE AREA CAREER & TECHNICAL CENTER

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Carpentry

CIP Code 46.0201

The Carpentry course prepares students to apply technical knowledge and skills involved with the construction of framed dwellings, and will include an emphasis on cabinet making. Instruction will emphasize such work as erection of framework, partitions, joists, flooring, and installation of exterior and interior sheathing and trim. Operation of woodworking machinery, fitting, gluing, installation of hardware, finishing and blueprint reading will be part of instruction.

Industry Certifications: OSHA, Pennsylvania Builders Association, Residential Construction Academy Curriculum

Career Options

- * Building Inspector
- * Rough Carpenter
- * Finish Carpenter
- * Drywall Technician
- * Construction Estimator
- * Contractor
- * Roofer, Siding Applicator
- * Cabinet Maker

Child Care & Support Services

CIP Code 19.0708

An instructional program that prepares individuals for a variety of occupations in child care and guidance often under the supervision of professional personnel in child or day care centers. This program includes instruction in growth and development; nutrition; program planning and management; safety; behavior guidance; play activities; child abuse and neglect; parent-child personal relationships; learning experiences for children; and laws, regulations and policies relating to child care services.

Industry Certifications: OSHA, CDA (Child Development Aide), American Heart Association Pediatric First Aid & CPR/AED, ServSafe, IC3 (Internet/Computer Core Certification)



Career Options

- * Day Care Aide
- * Nursery School Attendant
- * Preschool Attendant
- * Headstart Aide
- * Social Services Worker
- * Preschool Teacher
- * Day Care Director
- * Elementary Teacher
- * Special Education Teacher
- * Elementary Teacher Aide
- * Special Education Teacher Aide



Cinematography / Digital Media

CIP Code 10.9999

The Audio Visual Communications Technology course prepares students in three distinct areas of communication: television broadcasting, radio broadcasting, and photography. Students learn the set-up, operation and basic maintenance of electronic equipment including computerized graphics, camcorders, digital cameras, compact and laser disc players, satellite receivers, audio and video control boards, and video editing equipment. Basic foundational techniques of the field are featured, as well as the development of creative applications.

Industry Certifications: OSHA, Final Cut X, Adobe Certified Associate - Visual Communication

Career Options

- * Sound Engineers
- * TV Camera Person
- * Digital Video Editors
- * Television Anchor
- * Director
- * Newspaper Reporter
- * Photographer
- * Producer
- * Lighting Engineer
- * Newspaper Photographer
- * News Writer

Computer Information Systems

CIP Code 52.1201

Computer Information Systems provides students with the vital computer training that is increasingly necessary for today's workforce. Students acquire and develop skills using various business computer software programs. Students work with word processing programs, spreadsheet management programs, desktop publishing programs, and presentation graphics programs. Students also acquire skills in multimedia web design through HTML programming and Web publishing software.

Industry Certifications: OSHA, Internet & Computer Core Certification, Microsoft Office Specialist



Career Options

- * Computer Programmer
- * Database Administrator
- * Web Administrator
- * Computer Support Specialist
- * Desktop Publisher
- * Web Developer
- * Administrative Assistant
- * Customer Service Rep.
- * Word Processor
- * Computer Operator
- * Data Entry Clerk



Cooperative Education

CIP Code 32.0105

Diversified Occupations Cooperative Education is a work-based learning program for 11th and 12th grade students that develops 21st Century Skills for workplace success. Qualified students will earn graduation credits by being released from their schools so they can attend worksites. Worksites are paid on-the-job experiences supervised by a worksite mentor who will share his/her expertise with the student. A Training Plan is followed for the purpose of advancing the student's job competencies, position, and pay. D.O. Co-Op is a great opportunity to prepare for both full time employment and/or post-secondary education.

Industry Certifications: OSHA

The Skilled Cooperative Education Program is available to students who have excelled in the classroom at the CTC. Participants are placed at worksites related to their career field, and receive pay in addition to enhancing their learning experience. Upon graduation, many of these students continue their employment while attending postsecondary schools. Some employers help pay for further education and training of these proven employees.

Cosmetology

CIP Code 12.0401

The Cosmetology course provides a variety of instruction that enables the student to systematically and professionally perform the required skills in the art and science of Cosmetology. Instruction is related to the hair, scalp, skin, eyes, hands, feet, and eyebrows. Students learn to shape, style, shampoo, curl, straighten, color, and bleach hair. Scalp and facial treatment, anatomy, biology, hygiene, sanitation, safety, and the chemistry of Cosmetology are features of the program. Graduates of the course will be prepared to take the state Cosmetology Board Examination which is required for licensing.

Industry Certifications: OSHA, Pennsylvania State Board of Cosmetology Certification

Career Options

- * Cosmetologist
- * Color Artist
- * Manufacturer Representative
- * Nail Technician
- * Platform Artist
- * Esthetician
- * Salon Supervisor
- * Trade School Instructor
- * Make-up Artist
- * Salon Owner





Culinary Arts

CIP Code 12.0508

Students enrolled in the Culinary Arts Program are preparing for a career in the exciting and expanding food service industry. Hands-on experience in all facets of food preparation is provided. Coursework includes topics such as safety, sanitation, cooking techniques, baking and table service. Most importantly, they learn the professionalism that is required to be successful in the culinary field.

Industry Certifications: OSHA, National Restaurant Association - ServSafe

Career Options

- * Executive Chef
- * Pastry Chef
- * Baker
- * Short Order Cook
- * Chef's Assistant
- * Dietician
- * Line Cook
- * Prep Cook
- * Waiter/Waitress
- * Catering Cook
- * Food Scientist
- * Manager/Owner

Diesel Medium & Heavy Truck Technology

CIP Code 47.0613

The Diesel Medium & Heavy Truck Technology course prepares students to repair and maintain diesel engines that power transportation equipment such as heavy trucks, buses, ships, boats, locomotives and construction equipment such as bulldozers, earthmovers, cranes, farm tractors, generators and compressors. Instruction is provided in the diagnosis of malfunctions, disassembly of engines and examination of parts, reconditioning and replacement of parts, repair and adjustment of fuel injection systems, oil and water pumps, generators, governors, auxiliary and accompanying power units, controls and transmissions. The uses of technical manuals, state inspection codes, diagnostic equipment, and various power tools are included in the program.



Industry Certifications: OSHA, Mobile Air Conditioner Society - Clean Air ACT 609, PENNDOT Safety and Emissions Inspector

Career Options

- * Engine Technician
- * Air Conditioning Technician
- * Factory Representative
- * General Mechanic
- * Heavy Equipment Operator
- * Heavy Equipment Technician
- * Diagnostic Specialist
- * Suspension Specialist

Drafting & Design Technology / CAD

CIP Code 15.1301

The Drafting and Design Technology / CAD course prepares students to apply knowledge and skills as each relates to the gathering and translating of specifications in the basic aspects of planning, preparing and interpreting of mechanical, architectural, structural, civil and electrical drawings used in the engineering field. Instruction is designed to provide experiences in drawing and computer aided drafting (CAD), the use of reproduction materials, and the development of tolerances, fasteners, and joint requirements in virtually every technical area. The program also includes the development of models and realistic animation processes which enhance the design and drafting of multiple view assembly and sub-assembly drawings. The latest in advanced technologies are utilized with Autodesk Design software, the recognized leader in industry standards.

Industry Certifications: OSHA, Autodesk Certified User; Autodesk Inventor, Certified User; Autodesk Revit Architecture, Certified User.

Career Options

- * Mechanical Drafter
- * Architectural Drafter
- * Architect Civil Drafter
- * Civil Engineer
- * Technical Illustrator
- * CAD Operator
- * Structural Engineer
- * Mechanical Design Engineer
- * Prototype Designer
- * Landscape Designer
- * CAD/ CAM Operator



Electrical Technology

CIP Code 46.0399

Students in the Electrical Technology program will learn to install electrical wiring, fixtures and devices used in residential and commercial installations according to the National Electrical Code. Instruction is provided in the fundamentals of direct and alternating current theory. Students acquire experience in the use of basic hand and power tools while working on various electrical wiring projects. Electrical students are also provided instruction in Home Systems Integration which involves installation of RG-6 video and Category 5e network wiring in homes to provide communications, video, and computer network integration.

Industry Certifications: OSHA, National Association of Home Builders Certificate, Residential Construction Academy Curriculum



Career Options

- * Industrial Maintenance Electrician
- * Lineman
- * Self-employed Electrician
- * Electrician Helper Construction
- * Appliance Repair
- * Electrician
- * Electrician Maintenance
- * Electrical Parts Counter Person
- * Residential Electrician



Graphic Communications Technology

CIP Code 10.0399

The Graphic Communications Technology course prepares students to apply technical knowledge and skills to plan, prepare and execute commercial and industrial visual image and print products using electronic, and digital graphic and printing equipment. Students learn desktop publishing, layout, composition, presswork and bindery, as well as other graphic arts techniques. Emphasis is on page layout and design, photo correction and platemaking, offset operation, ink and color preparation and screen printing.

Industry Certifications: OSHA, Adobe Certified Associate - Rich Media Communication

Career Options

- * Estimator
- * Print Supervisor
- * Pressman
- * Graphic Artist/Designer
- * Finishing/Binding Editor/Proofer
- * Desktop Publisher
- * Production Supervisor
- * Cutter & Trimmer
- * Screen Printer
- * Layout Person
- * Sign Maker
- * Sales Person





Health / Medical Assistants

CIP Code 51.0899

The Health / Medical Assistants course provides instruction related to the nursing and medical fields including basic anatomy and physiology, medical terminology, billing, correspondence, record keeping, and legal and ethical aspects of health care. CPR and first aid certifications are provided in the program. The course gives students the initial skills and background necessary to prepare them as assistants to professional nursing staff or medical doctors in a nursing home, office, clinic, or hospital.

Industry Certifications: OSHA, American Heart Association - First Aid & CPR/AED for professional rescuer, Pennsylvania Department of Welfare - Direct Care Staff Training Course

Career Options

- * Surgical Technologist
- * Massage Therapist
- * Personal Care Aide
- * Registered Nurse
- * Nursing Assistant
- * Medical Assistant
- * Medical Records
- * Medical Assistant – Administrative
- * Licensed Practical Nurse
- * Health Information Technician
- * Medical Transcriptionist
- * Physical Therapy Assistant
- * Medical Secretary

HVAC & Refrigeration

CIP Code 47.0201

The Heating, Ventilation, Air Conditioning, & Refrigeration (HVAC&R) course provides students the skills required to install, repair and maintain commercial and domestic heating, air conditioning, and refrigeration systems. Utilizing blue prints and design specifications, students will install motors, compressors, evaporators, and other components on a multitude of appliances and equipment. Students frequently troubleshoot for malfunctions and repair any deficiencies. The student applies knowledge of mechanical, electrical and refrigeration theory to repair, or replace, various parts of equipment such as switches, relays, fan motors, thermostats and other components. The students also install air ducts, pumps and electrical wiring.

Industry Certifications: OSHA, National Association of Home Builders Certificate, Residential Construction Academy Curriculum, AHRI - CFC 608, Industry Competency Exam, TrackPipe / HeatPex



Career Options

- * Air Conditioning Specialist
- * Residential Technician
- * Commercial Technician
- * Appliance Repair
- * Heating & Cooling Specialist
- * Heating & Air Conditioning Installer
- * Air Quality Technician



Horticulture-Floriculture / Landscaping

CIP Code 01.0601

The Horticulture course combines science, art, and business to prepare students for employment in the green industry. Students will receive instruction in plant identification and culture, plant pathology, horticulture crop production, floral design, and the safe use of horticulture equipment. Students will receive practical training in the school's greenhouses and floral design room; in addition to learning landscaping design and maintenance skills in the school's gardens. In fact, the school gardens have been registered as a wildlife habitat by the National Wildlife Federation. Students who apply their knowledge can obtain their pesticide application license from the Department of Agriculture and/or Pennsylvania Certified Horticulturists certification from the Pennsylvania Landscape Association (PLNA).



Industry Certification: OSHA, Pennsylvania Department of Agriculture - Pesticide Safety License, Worker Protection Standard Handler

Career Options

- *Sod & Field Turf
- * Specialist
- * Greenhouse Crop and Nursery Worker
- * Floral Designer
- * Greenskeeper
- * Landscape Technician
- * Retail Sales Associate
- * Pesticide Technician



Law Enforcement / Police Science

CIP Code 43.0107

The Law Enforcement/Police Science course prepares students for careers such as municipal or state police officers, dispatchers, FBI agents, U.S. Marshals, park rangers, security officers, and corrections officers. Students receive instruction in vehicle law, criminal law and rules of criminal procedure. Basic self-defense tactics as well as hands-on experience in vehicle searches, accident investigation, handcuffing techniques, firearms safety, search and seizure, reporting procedures, first aid/ CPR and physical fitness are part of the course curriculum. The course offers structured and disciplined training which resembles a police academy setting where military customs and courtesies are an integral aspect of the training regime.

Industry Certification: OSHA, First Aid CPR/AED for professional rescuer.

Career Options

- * Corrections Officers
- * Probation Officers
- * Bailiffs
- * Security Guards
- * Forensic Science Technicians
- * Criminal Investigators and Special Agents
- * Parking Enforcement Workers
- * Police Dispatchers
- * Transit and Railroad Police
- * Immigration and Customs Inspectors
- * Patrol Officers
- * Transportation Security Screeners
- * Records Officer

Marketing & Business Education

CIP Code 52.1801

The Marketing and Business Education course offers students training and actual practice related to sales work in business establishments. Students learn business relationships, customer service techniques, basic sales practice, display, advertising, business mathematics, and the basics of business law and ethics. Students may also work under supervision in retail establishments, providing them the opportunity to "earn while you learn." Upon graduation, students may be employed in the retail or wholesale sales, or many other marketing and merchandising services.



Industry Certification: American Hotel & Lodging Association - Certified Rooms Division Specialist, National Professional Certification in Customer Service, A.S.K. Certification

Career Options

- * Retail Salesperson
- * Cashier
- * Customer Service Representative
- * Store Manager
- * Purchaser
- * Telemarketer
- * Wholesaler
- * Advertising Manager
- * Store Clerk



Masonry

CIP Code 46.0101

The Masonry course provides students with the knowledge and skills involved in the laying and setting of brick, concrete block, glass block, ornamental brick work, and tile. Practice includes erecting walls, chimneys, fireplaces, piers, arches, corners, and other structures. Students will learn how to square and erect foundations, as well as forming, pouring, and finishing concrete. Basic skill development in the use of trowels, levels, transits, and blueprint reading will be introduced and emphasized.

Industry Certification: OSHA, National Association of Home Builders Certificate, Residential Construction Academy Curriculum

Career Options

- * Apprentice
- * Stone Mason
- * Journeyman
- * Dryvit Installer
- * Master Mason
- * Concrete Tester/Inspector
- * Concrete Finisher
- * Brick Layer

Materials Handling & Logistics Technology

CIP Code 52.0203

The Materials Handling & Logistics Technology course provides instruction in the proper methods of receiving, storage, shipping and distribution of materials, tools, and equipment. Students are instructed in the procedures of inspection, surveillance, and inventory control. Students also learn various layout patterns of storage facilities, in order to best utilize space. The proper use and operation of materials handling equipment complements all phases of the program.

Industry Certification: OSHA - Forklift Truck Operator



Career Options

- * Licensed Forklift Operator
- * Shipping and Receiving Clerk
- * Traffic Agent
- * Inventory Controller
- * Warehouse Manager
- * Material Handler
- * Purchasing Agent
- * Customer Service Representative
- * Stock Clerk
- * Freight Rate Clerk



Plumbing & Pipeline Technology

CIP Code 46.0503

The Plumbing and Pipeline Technology course deals with the knowledge and skills necessary for installation, maintenance, and repair of water, gas, waste/air and vent lines, as well as the installation of plumbing fixtures. The students will be instructed in pipe installation and the assembly and installation of water heaters and heating systems. Classroom instruction also includes codes, estimating, print reading, sanitation, and the study of liquid and gas flow. A number of industry certifications will be given to the students including tankless hot water heaters installer, gas-lines and waterlines installer.

Industry Certification: National Association of Home Builders Certificate, Residential Construction Academy Curriculum, WardFlex, Gastite, & TracPipe CSST Gas Pipe Certification, AquaPex Tubing Water Systems Certification

Career Options

- * Master Plumber
- * Plumbing Supply Sales
- * Heating Specialist
- * Fire Protection/Sprinkler
- * Plumbers Helper
- * Plumbing Service Contractor
- * Utility Supply Contractor/Installer
- * Sewage and Drainage Technician
- * Plumbing Apprentice
- * Furnace Technician
- * Well Technician
- * Job Estimator

Precision Machine & Tool Technology

CIP Code 48.0501

Students enrolled in the Precision Machine & Tool Technology course receive instruction in the theoretical and practical application of machine tools such as lathes, drill presses, CNC milling machines, metal-cutting saws and grinders. Work in this highly-skilled field involves the application of mathematics, mechanics, blueprint reading, and sketching. Students learn the fundamentals of metallurgy and obtain skills to produce various metal parts through the use of highly specialized equipment which requires high degrees of accuracy.

Industry Certification: OSHA, National Institute for Metalworking Skills (NIMS) -



Career Options

- * Machinist
- * CNC Programmer
- * Quality Control Inspector
- * CNC Operators
- * Prototype Machinist
- * Maintenance Machinist
- * Tool & Die Maker

Welding & Pipeline Repair Technology

CIP Code 48.0508

The Welding and Pipeline Technology course offers instruction in the joining of metal by various welding and/or cutting procedures such as gas metal arc, gas tungsten arc, shield metal arc, oxyacetylene, and plasma. Students will learn proper use of related equipment such as band saws, drill presses, power and metal shears, and grinders. Also included in the course will be instruction in the various properties of metals, layout, fabrication, weld inspection and non-destructive testing.

Industry Certification: OSHA, American Welding Society (AWS)



Career Options

- * Welding Inspector
- * Welding Estimator
- * Construction Welder
- * Repair Technician
- * Welding Supervisor
- * Welders Helper
- * Pipefitter
- * Pipe fitter Apprentice
- * Welding Sales
- * Service Representative
- * Industrial and Production Welding

Clubs and Organizations

Wilkes-Barre Area Career & Technical Center encourages students to participate in clubs or student organizations related to their occupations and/or interests. The school offers a number of clubs and organizations that are supervised by our teaching staff.

National Association of Home Builders - Student Chapter (NAHB)

The NAHB Student Chapters program is dedicated to enriching the educational experience of students by offering them first-hand exposure to the real world of the building industry through NAHB membership, educational programming, and networking opportunities. An important member benefit, NAHB Student Chapters awards programs enhance and showcase the activities of the local chapters. The programs honor individual students and chapters for their pursuit of various construction areas as a career choice, while recognizing individuals who encourage students to enter home building. Academic scholarships and IBS travel funds are available through the National Housing Endowment.



SkillsUSA

SkillsUSA is a national partnership of students, teachers, and industry working together to ensure America has a skilled workforce. School chapters help students who are preparing for careers in technical, skilled and service occupations to excel. SkillsUSA programs include local, state and national competitions in which students demonstrate occupational and leadership skills. At the annual national-level SkillsUSA Championships, over 5,000 students compete in 91 occupational and leadership skill areas. SkillsUSA programs also help to establish industry standards for job skill training in the lab and classroom, and promote community service. Students from every occupational area are eligible to become members and earn a chance to represent the Wilkes-Barre Area CTC in district competition. Students compete on a yearly basis at the SkillsUSA state championships. Over the years, Wilkes-Barre Area CTC had numerous state champions, and recently, one national champion. Students who choose to compete are also eligible for thousands of dollars in scholarships and prizes. Any student who places first in the district competition will advance to SkillsUSA state championships.



Health Occupational Students of America (HOSA)

The Health Occupational Students of America (HOSA) is a national student organization whose mission is to promote career opportunities in health care and to enhance the delivery of quality health care to all people. Students in the Health/Medical Assisting Services Program are eligible to join and participate in various activities throughout the year. HOSA students provide community services, compete in state and national competitions and are eligible for scholarships for post-secondary education through the organization.

Each year, HOSA conducts a state conference where students compete in various health care areas. Students who place first in the state conference qualify to attend and compete in the National HOSA Competition which is held yearly in various cities throughout the United States. Over the past several years, Health/Medical Assistant students have won several awards in state competition. Students have traveled to such places as Florida and Tennessee for national competitions.



National Technical Honor Society (NTHS)

The National Technical Honor Society encourages higher scholastic achievement, cultivates a desire for personal excellence, and helps top students find success in today's highly competitive workplace. The Society is committed to the recognition of excellence in every area of career and technical education - student achievement, community service, outstanding chapters, and Contributions from business, industry, and educational professionals, NTHS awards an increasing number of scholarships each year to its members.



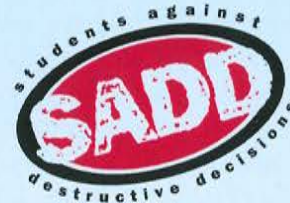
National FFA Organization, Inc (FFA)

FFA is a student organization that is part of agricultural education programs. Student members engage in a wide range of activities leading to over 200 career options in agriculture. There are many opportunities for FFA members to take their knowledge and skills beyond the classroom. The FFA chapter was recently awarded \$4,000 in grant money for community service projects. Our community service projects include "Trout in the Classroom" with the Luzerne County Conservation District, and the Avondale Community Garden with the Eastern Pennsylvania Mine Reclamation group. FFA members compete in numerous competitions on both the local and regional level including the Bloomsburg Fair, the Columbia-Montour Forestry competition, the Danville High School Speech Competition, and the Tunkhannock Area Interview Contest. Our students have won awards in both local and regional competitions which have qualified them for the summer state competition at Penn State University. The local FFA also competes in a statewide essay writing contest which qualifies its members to win an official club jacket.



Students Against Destructive Decisions (SADD)

SADD is a student organization which provides students with the best prevention tools possible to deal with the issues of underage drinking, other drug use, impaired driving and other destructive decisions. Originally, the mission of the SADD chapter was to help young people say "No" to drinking and driving. Today, the mission has expanded. Students have told us that positive peer pressure, role modeling and environmental strategies can prevent other destructive decisions and set a healthier, safer course for their lives. That is why SADD has become a peer-to-peer education, prevention, and activism organization dedicated to preventing destructive decisions, particularly underage drinking, other drug use, risky and impaired driving, teen violence, and teen suicide.



Distributive Education Clubs of America (DECA)

DECA (Distributive Education Clubs of America) is an international association of high school and college students studying marketing, management and entrepreneurship in business, finance, hospitality and marketing sales/service. As members in this club, students have the opportunity to compete against students from other schools at the regional, state, and national levels. This club provides experiences that will benefit students in practical areas such as career preparation, team work, study skills, preparation for higher education, and other areas that are critical for all students to develop and promote success in the real world.



Future Business Leaders of America (FBLA)

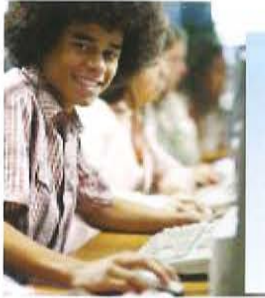
Future Business Leaders of America (FBLA) is an educational association of student members preparing for careers in business and business related fields. FBLA provides innovative leadership development programs to bring business and education together in a positive working relationship. The FBLA Competitive Events Program exemplifies the range of activities and focus of Future Business Leaders of America-Phi Beta Lambda, Inc. These events are based on projects developed from the goals of FBLA-PBL and the curricula of business education programs. They allow students from many different shops to compete at the local, state, and even the national level.





Students Occupationally and Academically Ready

www.education.state.pa.us



SOAR programs of study prepare today's student for tomorrow's high demand and high wage careers

SOAR is built on programs of study (POS) that incorporate secondary and postsecondary education elements and include coherent and rigorous academic and technical content aligned with Pennsylvania's challenging academic standards.

SOAR Agreement Articulation for advanced credit transfer is made possible when Perkins-allocated postsecondary institutions and Pennsylvania secondary schools offering SOAR programs agree to the terms and conditions stated in the Perkins Statewide Articulation Agreement.

SOAR Mission

The mission of SOAR is to prepare students for college and careers in a diverse, high-performing workforce.

SOAR Benefits

- Saving Money on College Tuition
- Saving Time by Shortening College Attendance
- Getting on the Right Career Pathway
- Entering the Job Market Ready
- Getting a Consistent Education

SOAR Articulation

SOAR credits are accepted at higher education institutions.

Scan this QR code to visit the SOAR Programs



Website Navigation

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

Learn More About SOAR

- **Programs of Study (POS)**
- **Planning Your Career**
- **Qualifying for SOAR College Credit**
- **Postsecondary SOAR Partners**

Go to CollegeTransfer.net or scan this QR code with your smart phone to see how SOAR programs are accepted at higher education institutions.



Get The Credit You Have Already Earned



For further information contact:

Bureau of Career and Technical Education
www.education.state.pa.us



pennsylvania
DEPARTMENT OF EDUCATION

Industry Certifications



American Welding Society



apple Final Cut

Dual Enrollment / Articulation Agreements / SAS

Dual Enrollment

Wilkes-Barre Area Career & Technical Center (WBACTC) has made a commitment to afford our students every opportunity to continue their education and training beyond high school. In addition to sending-school academic dual enrollment opportunities, WBACTC is working with area colleges to develop course/trade specific agreements. Currently, WBACTC has standing Dual Enrollment agreements with Luzerne County Community College and Pennsylvania College of Technology. Several Programs of Study at WBACTC are approved for college credit. The student is responsible to pay \$100.00 per dual enrollment opportunity, resulting in three (3) college credits.

These agreements afford our students the opportunity to gain advanced training and college credit while remaining in their regular class at the WBACTC. In this manner, students can master their skills, and still participate in all the clubs and activities that the school has to offer.

Articulation Agreements

Articulation agreements have been signed and implemented by a number of the program areas at WBACTC. These agreements allow the students to earn college credits and advanced placement at a number of colleges and trade schools. Information on which programs qualify can be obtained by contacting the Guidance Office or the specific program area. For more information on statewide articulation agreements, go to http://www.portal.state.pa.us/portal/server.pt/community/programs_of_study/7686/articulations/679190.

Standards Aligned System (SAS)

WBACTC's Programs of Study are aligned with the Standards Aligned System (SAS). The Standards Aligned System was developed by the Pennsylvania Department of Education and is a comprehensive, researched-based resource to improve student achievement. SAS identifies six elements that impact student achievement: Standards, Assessments, Curriculum Framework, Instruction, Materials & Resources, and Safe and Supportive Schools. Schools and educators across Pennsylvania are supported in their efforts to implement SAS by the development of a state-of-the-art portal. For more information on the Standards Aligned System, go to <http://www.pdesas.org/module/sas/aboutsas.aspx>.



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PROGRAMS OF STUDY

**Auto Body Collision Repair
Technology**
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Automotive Technology
(CIP Code 47.0604)

Carpentry
(CIP Code 46.0201)

Child Care
(CIP Code 19.0708)

Cinematography / Multimedia
(CIP Code 10.9999)

Computer Information Systems
(CIP Code 52.1201)

**Cooperative Education
Diversified / Skilled**
(CIP Code 32.0105)

Cosmetology
(CIP Code 12.0401)

Culinary Arts
(CIP Code 12.0508)

**Diesel Medium & Heavy Truck
Technology**
(CIP Code 47.0613)

Drafting & Design Technology/CAD
(CIP Code 15.1301)

Electrical Technology
(CIP Code 46.0399)

**Graphic Communications
Technology**
(CIP Code 10.0399)

Health / Medical Assistants
(CIP Code 51.0899)

HVAC & Refrigeration
(CIP Code 47.0201)

**Horticulture-
Floriculture / Landscaping**
(CIP Code 01.0601)

Law Enforcement / Police Science
(CIP Code 43.0107)

Marketing & Business Education
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Masonry
(CIP Code 46.0101)

**Materials Handling & Logistics
Technology**
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Plumbing & Pipeline Technology
(CIP Code 46.0503)

**Precision Machine & Tool
Technology**
(CIP Code 48.0501)

Residential Construction
(CIP Code 46.0201)

**Welding & Pipeline Repair
Technology**
(CIP Code 48.0508)



Wilkes-Barre Area Career & Technical Center

For additional information concerning any of the courses described,
please contact the Wilkes-Barre Area CTC at (570) 822-4131.

www.wbactc.org