



Career Education Center

PROGRAMS - AT A GLANCE

Automation and Robotics: Students will learn industrial applications such as Robotics, Programmable Logic Controllers (PLC's), Hydraulics, Pneumatics, and Electronics using one of the best industrial technology training labs in the Midwest. **Earn Industry Certifications: FANUC Certified Robot Operator, MSSC CPT, OSHA 10, NCC ER Core**

Aviation Flight/Operations: This program is for students interested in an aviation-related career. Curriculum includes basic aircraft science, power plants, propulsion, as well as primary ground school. The program complies with all FAA (Federal Aviation Administration) rules and regulations and second year students will experience actual flight time. **Careers: Pilots, Air Traffic Controllers and Ground Crews**

Architectural Drafting and Design: Students will learn to use the most current computer-aided design (CAD) and 3D modeling software and equipment to learn fundamental drafting, geometric constructions, ANSI standards, and residential design and site work. **Careers: Architect, Engineer and Interior Designer**

Automotive Collision Repair: Students are trained to perform damage analysis, cost estimating, body repair, pulling and refinishing, welding, parts replacement, steering and suspension repair, painting/refinishing. **Careers: Collision Repair Tech, Insurance Estimator/Appraiser and Automotive Refinish Tech**

Automotive Services Technology: Students learn theory and experience hands-on instruction in repairing vehicles using the latest automotive diagnostic and repair equipment. Students will perform lab work in Prosser's fully operational automotive services business. **Careers: Automotive Service Tech, Service Writers and Insurance Adjusters**

Computer Networking: Students will learn how to install operating systems and software, troubleshoot hardware and software problems, and maintain wide area network systems. Curriculum is aligned with CompTIA A+, CompTIA Network+ and Cisco CCNA. **Careers: Information Systems Management, Computer Installation and Maintenance and Computer Systems Analyst**

Computer Programming/Databases: Students will learn computer programming concepts needed to implement and maintain software applications that people use every day with their computers, mobile devices and game consoles. Students learn multiple programming languages, providing a broad background. **Careers: Computer Programmer, Informatics specialist, Database Administrator and Web Developer**

Construction Trades: Students learn numerous aspects of home construction by actually building a house in Prosser's own sub-division! Students complete hands-on and classroom instruction in estimating, layout, footing/foundation, platform construction, framing, roofing, siding, window/door installation, stair building, and interior finish. **Careers: Framing/Trim Carpenter, Mason/Brick Layer and Cost Estimator**

Cosmetology: Students learn how to cut and style hair, do permanent waves, color hair, and complete many other hair-related tasks. In addition students learn how to give facials, pedicures, manicures, and nail replacements. Students will be prepared for the Indiana Cosmetology licensing examination. **Careers: Cosmetologist, Nail Tech and Make-up Artist**

Criminal Justice: Students participate in a comprehensive program that introduces them to all aspects of the criminal justice system. Students will learn program-related topics, including rules of evidence, crime scene investigation, police history, crash investigation, juvenile & adult justice systems, personal safety and defense tactics. **Careers: Police Officer, Attorney, Probation Officer and Conservation Officer**

Culinary Arts: In this highly-active program, students complete the basic disciplines of culinary, food and beverage, and baking. Students will perform practical experiences by operating Prosser's Cafe and participating in Prosser's Culinary Catering services as they prepare to become a chef. **Careers: Chef, Caterer and Food Manager**

Cybersecurity: Students will learn the technological aspects of cyber security with hands-on practice. This course covers the following category of topics: legal and ethical issues, foundational knowledge required for cybersecurity and for hands on practice including using the Linux command line, basics of computer networking and basics of web technology, steps in hacking including reconnaissance and exploits; cryptography, secure design of systems, and hardening operating systems. Curriculum is aligned with CompTIA A+, Network+ and Security+. **Careers: Network Security Support Technician, Security Auditor, and Digital Forensics Analyst.**

Dental Careers: This program will prepare students for a dental assisting position. Curriculum will include instruction in chair-side assisting, equipment/instrument identification, tray set-ups, sterilization, disease control, histology, tooth morphology, and dental charting. **Careers: Dentist, Dental Assistant and Dental Hygienist**

Diesel Service Technology: Students learn to use state-of-the-art diagnostic equipment and tools to repair and troubleshoot semi-trucks, dump trucks, and other heavy equipment. This program will provide lots of practical hands-on experiences. **Careers: Diesel Maintenance Tech, Truck Sales and Hydraulics Repair Tech**

NEW Early Childhood Education: An Early Childhood Education program at Prosser will help prepare students for a rewarding career teaching children in the preschool age range. Early childhood educators are responsible for caring for and educating young children. The areas of study within this career focus on both cognitive and social development. Prosser students will receive experience working with a wide range of students throughout the pre-school age range that include both traditional and special education classrooms.

Electricity/Industrial Mechanical: Students learn all aspects of basic residential, commercial and industrial electricity. Training in the use of programmable logic controllers, mechatronics, robotics, and electric motor controls are included in this course. **Careers: Electrician, Mechatronic Tech and Electrical Engineer.**

Fire and Rescue/EMT: First-year students will study all aspects of Fire Science to include, firefighter safety, rescue equipment, fire control, rescue/extrication and hazardous materials. Second-year students will be prepared to obtain an Emergency Medical Technician certification. **Careers: Firefighter, EMT and Paramedic**

Health Careers: Students participate in a variety of experiences such as nursing, lab testing, obstetrics, imaging, physical therapy, surgery, medical offices and extended care. Students will be trained to career-related certificates, including CNA (Certified Nursing Assistant), CST (Central Service Technician), CPR, and First Aid. **Careers: Nurse, Central Service Tech, X-ray Tech and Medical Assistant**

Heating, Ventilation, Air Conditioning: Students learn the skills necessary for installation, trouble-shooting and maintenance procedures for heating and air-conditioning units, and refrigeration equipment. **Careers: Commercial/Residential Technician, Technical Service and Pipe Fitter**

Heavy Equipment Operator: Students learn to operate all types of heavy equipment including backhoes, front-end loaders, bulldozers, and dump trucks. Curriculum also covers safety, preventative maintenance, surveying, basic earthwork and road construction. **Careers: Heavy Equipment Operator, Excavation and Home Site Specialist**

Interactive Media: Students study the creation of digitally generated or enhanced projects using industry based software such as Adobe Photoshop. Students will learn to manipulate text, photos, graphics, animations, sound and video into creative projects. (A one-year program for juniors or seniors.) **Careers: Audio & Video Producer, Animator and Photographer**

Introduction to Pharmacy: Students learn the fundamentals of a pharmacy career while attending evening classes at Prosser. Students are able to take a full load of classes at their high school. (A one-year program for seniors only.) **Careers: Pre-Pharmacy, Pre-Med and Pharmacy Tech**

Landscape Management: Using technology practices, students will learn and practice procedures used in planning and designing a landscape. Students learn how to use different pieces of equipment to construct and manage landscape designs including golf course maintenance. (A one-year program for juniors or seniors.) **Careers: Landscape Artist, Greens Superintendent and Sports Turf Specialist**

Precision Machining: Students learn to shape and form metal using the most current tool and die making equipment available. This project-based curriculum will include experiences using lathes, mills, drill presses, saws, grinders, and CNC. **Careers: Machinist, Tool & Die Maker and CNC Programmer**

Strategic Marketing and Merchandising: This specialized Business course will provide students an opportunity to learn and apply business theories and concepts in an actual workplace environment. Students will be employed in a paid business internship that is connected to their personal and educational interests. **Careers: Accountant, Sales Rep, Business Owner/Manager**

Welding Technology: Students learn to fabricate and weld metal using shielded metal arc, oxyfuel, MIG, TIG, and plasma arc techniques and procedures. This program includes classroom and lab experiences that lead students to AWS (American Welding Society) certifications. **Careers: Pipe Fitter, Iron Worker and Steel Fabricator**

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