

Prosser At a Glance

For full course descriptions and content standards, go to: www.prossercareers.com

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 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), 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 straightening, welding, parts replacement, steering and suspension repair, and 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. Student 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 subdivision! 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. Student 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

Café and participating in Prosser's Culinary Catering services as they prepare to become a chef. **Careers:** Chef, Caterer, and Food Manager

Diesel Service Technology

Students learn to use state of 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 experience. **Careers:** Diesel Maintenance Tech, Truck Sales, and Hydraulics Repair Tech

Electricity/Industrial Repair & Maintenance

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.

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, Dental Hygienist, and Orthodontist

Entrepreneurship and New Ventures

Students will study all aspects of business management and will learn how to ethically manage a business. A special focus will be placed on the entrepreneurial skills and tools critical in starting your own business. (A one year program for juniors or seniors.) **Careers:** Heavy Equipment Operator, Excavation, and Home Site Specialist

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

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 CAN (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

Horticulture Science

Students will learn the skills needed for careers in landscaping, lawn and turf management, greenhouse hydroponics, aquaponics, floral design, and nursery operations. Furthermore, students acquire leadership skills through (FFA) Future Farmers of America activities. (A one year program for juniors or seniors.) **Careers:** Agronomist, Sports Turf Specialist, Horticulturist, and Soil Scientist.

Interactive Media

Students study the creation of digitally generated or enhanced projects using the most current industry based software available. Students will learn to manipulate text, photos, graphics,

animations, sound and video into creative projects. **Careers:** Audio & Video Producer, Animator, Photographer (A one year program for juniors or seniors).

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. **Careers:** Landscape Artist, Greens Superintendent, and Sports Turf Specialist (A one year program for juniors and seniors.)

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 and Die Maker, and CNC Programmer

Strategic Marketing and Merchandising

The 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, and Business Owner/Manager (A one year program for seniors only.)

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

Future Prosser Students Need To Know:



Real World Experiences

Job Shadowing, Internships, and Mock Interviews are just some of the real world learning experiences and activities in which Prosser students will participate. We feel so strongly about the benefits of real world learning experiences that we require all first year students to complete a job shadowing experience. Last year, over 700 students participated in one or more real world learning programs.

Honors Diplomas:

Prosser students are some of the best and brightest students in Southern Indiana.

By carefully planning, students can attend Prosser and earn a Technical Honors and/or Academic Honors diploma. This school year there are over 200 senior students enrolled in Prosser who are pursuing an Honors diploma.



College Credits

Students will earn college credits for successfully completing more Prosser programs. On average, our students will earn 9 college credits per year. Last year Prosser students earned a record number of 6,000 college credits!



Certifications:

Students in many Prosser programs will earn actual state licenses and industry recognized certifications. There are 38 different licenses and certifications offered within Prosser programs. Last year, Prosser students earned over 700 of these valuable credentials!



“Ensuring College and Career Readiness”

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We Are On The Web:

Please visit our Website for more information about Prosser:

www.prossercareers.com

