

# PROSSER SCHOOL OF TECHNOLOGY

## Plan For Success - Plan For Prosser

**Aircraft Operations:** Students learn to fly a plane and earn a FAA (Federal Aviation Administration) certified private pilot's license. They will get experience in a flight simulator, study the ground school curriculum, and complete flight operations. **Careers:** *Airline Pilots, Air Traffic Controllers and ground Crew Chiefs*

**Automotive Collision Repair Technology:** Students are trained to perform damage analysis, cost estimating, body repair, pulling and straightening, welding, parts replacement, steering and suspension repair, painting, and refinishing. **Careers:** *Collision Repair Technicians, Custom-Body and Chassis Modification Technicians and Automotive Refinish Technicians*

**Automotive Services Technology:** This program teaches the basics in all aspects of auto repair in the first year, then specializes in advanced auto technology, engine rebuilding or auto parts in the second year. **Careers:** *Auto Service Technicians, Auto Repair Shop Owners, Service Writers and Insurance Adjusters*

**Aviation Maintenance Technology:** Students receive instruction in aircraft servicing and operations, general electricity, maintenance publications, fuel systems, aircraft weight and balance, ground operations and servicing. **Careers:** *Aviation Mechanics and Ground Maintenance Crews*

**Bricklaying/Masonry:** Students will learn blueprint reading, prepare building sites, estimate material needs, and use different masonry materials in bricklaying, concrete finishing, tile setting, tuck-pointing and stone masonry. **Careers:** *Bricklaying, Concrete Finishing and Tile Setting*

**Building and Facilities Management:** This course provides instruction in basic maintenance and repair skills related to building and facilities management. Emphasis is placed on the use of hand and power tools and selection and use of professional supplies needed for care, repair and maintenance of building facilities. **Careers:** *Building Maintenance Supervisor, Plant Operator, Building Maintenance Technician*

**Building Trades Technology:** Students gain familiarity with all aspects of home construction by actually building a house. Hands-on-training, as well as classroom instruction is provided in estimating, layout, footing/foundation, platform construction, framing, roofing, siding, exterior finish, window and door installation, stair building, and interior finish. **Careers:** *Framing & Trim Carpenter and Finish Painter*

**Construction and Earthmoving Equipment Operator:** Students learn to operate and maintain backhoes, front-end loaders, bulldozers, and dump trucks. They also gain knowledge in surveying, road construction, excavating, and water lines. **Careers:** *Heavy Highway Operators, Excavation and Home Site Specialist*

**Cosmetology:** Students learn how to cut and style hair, do permanent waves, color hair, give facials, pedicures, manicures, and do nail replacements. Instruction is designed to prepare students for the Indiana Cosmetology licensing examination. **Careers:** *Beauty Technician, Beauty Salon Owner, Platform Artist and Make-up Artist*

**Culinary Arts:** In this program students experience the fun of preparing their own recipes and learning what it takes to run their own restaurant. The students learn moist and dry cooking methods, daily preparing of soups, entrees, starch and standard breading procedures, beverage, guest service and food cost marketing. Basic baking of breads, cookies, pastries and cake decorating is also part of the curriculum. **Careers:** *Chief Food Managers, Chefs and Catering & Restaurant Owners*

**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. **Careers:** *Truck Sales, Diesel Maintenance Technicians and Hydraulics Repair Technician*

**Drafting and Computer Aided-Design:** Students learn skills in all areas of technical graphics, C.A.D. (computer-aided design), board drafting, shop processes and electronic drafting. **Careers:** *Engineering Technician, Architects and Architect Assistant, Engineers, Modelers and Interior Design*

**Electricity:** Students learn to install residential, industrial, and commercial wiring. They will also use motor controllers to introduce quality-control devices, pneumatics, hydraulics, and machine maintenance and repair. **Careers:** *Plant Maintenance, Residential Electrician and Industrial Equipment Installation*

**Graphic Imaging Technology:** Students learn how to create and produce books, newspapers, photographs, brochures, pamphlets, signs and posters. These skills may lead to careers in printing, publishing, imaging, packaging, and newspaper production. **Careers:** *Graphic Designer/Photo Technician, Digital/Conventional Press operator and Bindery/Finish Worker*

**Heating, Ventilation, Air Conditioning and Refrigeration:** Students learn the skills necessary for installation, troubleshooting and maintenance procedures for heating and air-conditioning units, and refrigeration equipment. **Careers:** *Technical Service and Installation, Engineering and Design, Supervisory and Business owner*

**Horticulture Science:** Learn the skills needed for careers in landscaping, lawn and turf management, green house, golf course maintenance, floral design, and nursery operations. Furthermore, acquire leadership skills through (FFA) Future Farmers of America activities. **Careers:** *Golf Course Greens Keeper, Landscape Business Owner, Horticulture Sales and Sports Turf Specialist*

**Information Support and Services (Business Technology)** Business skills such as computer software applications, business procedures, office equipment, Internet research, and internal / external communications are covered. Students gain a deep understanding of Access, Excel, Outlook, PowerPoint, Publisher, and Word. **Careers:** *Business, Legal and Medical Administrative Positions*

**Interactive Media:** Students manipulate text, photos, graphics, sound and moving images to create special effects for presentations, videos, and web page design. Both Windows and Apple operating systems are used to develop 2-D and 3-D animation, full audio, video production and digital and film photography are included. Students will be expected to produce an electronic portfolio of their work. **Careers:** *Graphic Design Artist, Illustrators, Photographers, Journalists, Fine Arts and Web Design*

**Interdisciplinary Cooperative Education (I.C.E.):** After securing approved employment, each student will attend classes at Prosser on assigned days and will work at work site on assigned days. In class, students will develop skills needed for career/technical areas not offered at Prosser. The student will learn fundamentals of business principles, will develop work ethic practices and will expand work related skills. **Careers:** *Students may apply for various occupations not already covered by a Prosser class*

**Introduction to Health Careers I and II:** Students participate in a variety of experiences such as nursing, lab testing, obstetrics, imaging, physical therapy, surgery, medical offices or extended care. Students can earn their CNA (Certified Nursing Assistant) certification. **Careers:** *Nursing, Medical Assistant and Dental Hygienist*

**Introduction to Pharmacy:** 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 Pre-Veterinary*

**Nail Tech:** A one-year program for seniors only. Students will learn how to apply manicures and pedicures, how to treat nail and skin disorders and the anatomy and physiology of the arms, hands, legs, and feet. In addition students will apply nail wraps, acrylics, tips and gels and learn the basics of nail art. **Careers:** *Nail Specialist & Nail Business Owner*

**Network Systems:** Students learn to install, configure, upgrade, operate and maintain microcomputers, peripheral devices and network systems. Students hence will have the necessary skills to analyze network system needs for design, installation, maintenance, and management of network systems. **Careers:** *Information System Management, Computer Installation and Maintenance and Computer Systems Consultant and Sales*

**Precision Machine Technology:** Students learn to shape and form metal using lathes, mills, drill presses, saws, grinders, and CNC (Computer Numeric Controls) equipment used in tool and die making and machine repair. Blueprint reading and mathematics are emphasized. **Careers:** *Tool & Die, Mold Maker, CNC Programmer, Machinist, CAD/CAM and Robotics*

**Programming and Software Development:** Students learn programming on individual microcomputers and networked computers for business solutions, games, animation and web sites. **Careers:** *Computer Programmer, Computer Operator and Database Manager*

**Recreational and Portable Power Equipment:** In this program students learn how to trouble shoot and repair lawn mowers, chain saws, trimmers, go carts, pressure washers, generators, motorcycles, and four wheelers. **Careers:** *Motorcycle/Marine/Power Equipment Technicians, Sales and Service*

**Welding:** This program includes classroom and laboratory experiences that develop a variety of skills geared toward the American Welding Society (AWS) certification. Areas of study include TIG and MIG welding, flame and plasma cutting, blueprint reading, safety issues and the four basic welding positions. **Careers:** *Pipe Fitter, Iron Worker and Steel Fabricator*

**Need More Information...Visit us at: [www.ProsserTech.org](http://www.ProsserTech.org)**