For more than forty years, Prosser Career Education Center has provided high quality career and technical education for high school students throughout southern Indiana. With an average of 1,400 students enrolled in 24 different career programs, Prosser has become one of the largest and best career centers in the state of Indiana. Our evolution tells our story.
“Prosser Career Education Center has systematically evolved into a nationally renowned Career Center. Prosser is committed to ensuring all students are college and career-ready for today and tomorrow.”

By the Numbers

1969:
Charles A. Prosser Vocational Center Dedication

1400:
Average number of students attending Prosser

24:
The current number of programs Prosser offers

23:
Twenty-three high schools send students to Prosser

417:
Number of students attending Prosser in 1969

100:
Average number of students annually qualifying for skill-based State competition

800:
Annual number of certifications students earn while enrolled in Prosser programs

15:
Prosser began with fifteen programs

8:
Eight schools sent students to Prosser in 1969

4:
New programs added since 2011

3:
Number of official name changes

100:
Average number of students annually qualifying for skill-based State competition

77:
Number of student State Champions
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Participating Schools

AUSTIN
BORDEN
CHARLESTOWN
CHRISTIAN ACADEMY
CLARKSVILLE
CORYDON CENTRAL
CRAWFORD COUNTY
EASTERN
FLOYD CENTRAL
HENRYVILLE
JEFFERSONVILLE
LANESVILLE
NEW ALBANY
NEW WASHINGTON
NORTH HARRISON
PROVIDENCE
ROCK CREEK
CHRISTIAN ACADEMY
SALEM
SCOTTSBURG
SILVER CREEK
SOUTH CENTRAL

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Douglas Edward Bostock, Jr. attended Floyd Central High School and the Prosser IT Networking Program. After graduating in 2005, his dream was to find a career in Computer and Network Technology. He is realizing it very quickly.

What were Bostock’s impressions of Prosser? He tells us, “Attending Prosser allowed me to start pursuing a passion of mine before attending college. It gave me a real advantage against the other students in college and when I started looking for my first job.”

A December, 2008, graduate of Purdue University’s Internal Technology Program, Bostock currently works at Google as a part of their Internal Technology Residency Program. He provides IT support to internal users at Google. Working there has given him the opportunity to effectively use the knowledge and skills he learned while at Prosser and then Purdue to provide the support that enables people at Google to stay productive and do “amazing things.” And the “massive perks” provided by Google make his job even more enjoyable.

But, what else will Bostock always thank Prosser for? He says, “All the tools you need to succeed in your area of focus are provided: equipment, books, instructors. The hands-on experience I received was invaluable in preparing for the real world.”

Is Bostock behind a computer 24/7? No. The hard work of learning and developing the skills he needs behind him and using the Prosser program to full advantage, he now finds time to relax on weekends on his motorcycle and to train for a marathon. Life has turned out well for Bostock, who credits his mother’s constant challenge to him to succeed in all that he does, whether at work or in his leisure time. And, of course, he is thankful to Prosser for the development of his skills that will “always be of benefit” to him.
Erica Dixon, National Champion

National SkillsUSA Champion Erica Dixon has some advice for current and future students: “Pay attention and take it seriously,” she said in a recent interview. “The knowledge, opportunity and experience that Prosser equips you with is beyond what you learn in high school.”

The former New Albany and Prosser graduate should know. A current nursing student at Ivy Tech, Dixon is a product of the Heath Careers Program where she learned anatomy, physiology, medical terminology, law and ethics, and received training to become a certified nurse assistant (CNA).

“I was always a few steps ahead of my peers because I earned college credit while at Prosser. I now have confidence and knowledge that I can utilize to become successful,” she said.

“Prosser also gives students a chance to compete for scholarships and awards by participating in SkillsUSA, an organization that is dedicated to preparing students for the workforce. I'm the 2011 SkillsUSA National Champion in Basic Health Care; I highly encourage all Prosser students to give it a shot and compete.”

“My advice to middle-school students is that it's never too early to be thinking about your career. If Prosser offers a course that is related to the career you choose, then, without a doubt, take it! Be open to learn more about all of the courses they do offer.”

Brian Sheckell, Looking to the Future

After studying Precision Machining at Prosser, SkillsUSA State Champion, Brian Sheckell, continues his studies at Vincennes University. He said in a recent interview, “When I started my machining courses here at VU, I realized that Prosser had given me a big head start above the other students in my major, even above most of the students who went to other career centers around the state. Prosser helped me prepare for my future here and for college life.”

Brian stresses that students must take advantage of the opportunities Prosser offers. “By choosing to attend Prosser, I had the opportunity to be introduced to many new things. I not only experienced the basics of machining while at Prosser, but I also developed a good understanding of what the manufacturing world is all about. I met and talked to other students in other programs and began to understand what the other programs do. Career education is important for students. It allows them to try new career paths without the cost of college, and it really allows the student to develop a well-rounded view of our industrialized society.”

Brian has some advice for future Prosser students: “My recommendation for current middle-school students is to consider any class that catches your eye. Obtain more information about the class, and research what they do in that class. You may learn something about yourself that you never knew. You are more than likely to strike an interest in more than one class. Pick one and try it when you are able. Never stop considering new ideas for a future career. Now is the time to start looking for opportunities for your future.”
As Prosser students, you will have the opportunity to obtain college credits and national certifications. Most of the college credits are obtained free of charge and the number of credit hours and type of class differ from program to program. The national certifications will also differ from program to program. Available college credits and certifications per program are on our Web site, WWW.PROSSERCAREERS.COM.

Below is a sample four-year Core 40 diploma schedule that also allows time for a technical program:

### INDIANA CORE40 Requirements

#### Course and Credit Requirements

<table>
<thead>
<tr>
<th>Section</th>
<th>Credits</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English/Language Arts</strong></td>
<td>8 credits</td>
<td>Including a balance of literature, composition and speech.</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>6 credits</td>
<td>(in grades 9-12)</td>
</tr>
<tr>
<td>2 credits: Algebra I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 credits: Geometry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 credits: Algebra II</td>
<td></td>
<td>Or complete Integrated Math I, II, and III for 6 credits. Students must take a math or quantitative reasoning course each year in high school</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>6 credits</td>
<td></td>
</tr>
<tr>
<td>2 credits: Biology I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 credits: Chemistry I or Physics I or Integrated Chemistry-Physics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 credits: any Core 40 science course</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>6 credits</td>
<td></td>
</tr>
<tr>
<td>2 credits: U.S. History</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 credit: U.S. Government</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 credit: Economics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 credits: World History/Civilization or Geography/History of the World</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Directed Electives</strong></td>
<td>5 credits</td>
<td>World Languages</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fine Arts</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Career and Technical Education</td>
</tr>
<tr>
<td><strong>Physical Education</strong></td>
<td>2 credits</td>
<td></td>
</tr>
<tr>
<td><strong>Health and Wellness</strong></td>
<td>1 credit</td>
<td></td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td>6 credits</td>
<td>(College and Career Pathway courses recommended)</td>
</tr>
<tr>
<td><strong>40 Total State Credits Required</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Effective beginning with students who enter high school in 2012-13 school year (class of 2016).

For the **Core 40 with Academic Honors** diploma, students must:

- Complete all requirements for Core 40.
- Earn 2 additional Core 40 math credits.
- Earn 6-8 Core 40 world language credits (6 credits in one language or 4 credits each in two languages).
- Earn 2 Core 40 fine arts credits.
- Earn a grade of a “C” or better in courses that will count toward the diploma.
- Have a grade point average of a “B” or better.
- Complete one of the following:
  - A. Earn 4 credits in 2 or more AP courses and take corresponding AP exams
  - B. Earn 6 verifiable transcripted college credits in dual credit courses from priority course list
  - C. Earn two of the following:
    1. A minimum of 3 verifiable transcripted college credits from the priority course list,
    2. 2 credits in AP courses and corresponding AP exams,
    3. 2 credits in IB standard level courses and corresponding IB exams.
  - D. Earn a combined score of 1750 or higher on the SAT critical reading, mathematics and writing sections and a minimum score of 530 on each
  - E. Earn an ACT composite score of 26 or higher and complete written section
  - F. Earn 4 credits in IB courses and take corresponding IB exams.

For the **Core 40 with Technical Honors** diploma, students must:

- Complete all requirements for Core 40.
- Earn 6 credits in the college and career preparation courses in a state-approved College & Career Pathway and one of the following:
  1. Pathway designated industry-based certification or credential, or
  2. Pathway dual credits from the lists of priority courses resulting in 6 transcripted college credits
- Earn a grade of “C” or better in courses that will count toward the diploma.
- Have a grade point average of a “B” or better.
- Complete one of the following,
  - A. Any one of the options (A - F) of the Core 40 with Academic Honors
  - B. Earn the following scores or higher on WorkKeys; Reading for Information – Level 6, Applied Mathematics – Level 6, and Locating Information-Level 5.
  - C. Earn the following minimum score(s) on Accuplacer: Writing 80, Reading 90, Math 75.
  - D. Earn the following minimum score(s) on Compass; Algebra 66, Writing 70, Reading 80.
Can I attend Prosser and still earn an honors diploma?

Absolute! Appropriate planning of a student's four-year high school schedule can allow a student to attend Prosser and earn a Technical Honors Diploma and/or Academic Honors Diploma.

**Agriculture**

**Horticulture Science and Landscape Management**
Horticulture students study the biology and technology involved in the production, processing and marketing of horticultural plants and products. Students study plant propagation and growth, growth media, floriculture, greenhouse management, nursery stock and landscaping. While participating in a variety of activities, including extensive laboratory work in the school's five greenhouses, students grow plants to sell to the community during winter and spring plant and flower sales events.


**Architecture and Construction**

**Architectural Drafting and Design**
Drafting students will learn the theory and skills of architectural drafting and design. Curriculum will focus on all aspects of fundamental drafting, geometric constructions, orthographic (multi-view) drawings, ANSI standards, and residential design and site work. Students will learn to transition from two-dimensional drafting to three-dimensional modeling. This course will utilize the most current computer-aided design (CAD) and 3D modeling software available.

*Related Careers:* 1. Architect 2. Engineer 3. Interior Designer
Construction Technology

Construction students gain familiarity with all aspects of building of a single-family residence. Through classroom instruction and laboratory experience, students acquire hands-on training in estimating, layout, footing and foundation, platform construction, framing, roofing, sidings, insulation, exterior finish, window and door installation, and stair building. Students learn safe ways to construct brick and block walls; identify and mix mortar; mix and finish concrete. During each school year, students construct one home in Prosser’s Builders’ Ridge subdivision to be sold on the open real-estate market.


Construction and Earthmoving Equipment Operator

Construction and Earthmoving Equipment students are trained to operate and/or maintain heavy equipment. Students learn how to maneuver and operate heavy equipment on computerized simulators as well as on actual backhoes, skid-steers, excavators and bulldozers. In addition, students learn to operate rollers, tractors, earthmovers, extended-hoes, graders, dump trucks, and rubber-tired loaders. Curriculum includes knowledge of safety and preventative maintenance, surveying, road construction, and basic earthwork construction.

Related Careers:  1. Heavy Equipment Operator    2. Excavation Specialist    3. Home-site Specialist

Electrical Technology

Electricity students learn basic electrical theory, residential, commercial and industrial wiring. An in-depth study of the National Electrical Code is a primary focus as students wire the residential homes in Builders’ Ridge, Prosser’s subdivision. Industrial automation, including robotics, programmable logic controllers, and mecha-tronics provide students with the high-demand training for factory maintenance, installation and repair work. Included in the second year of study are motors, rotating machines, and electrical motor controls and basic aspects of green energy, including photo-voltaics (solar) and wind turbines.


Heating, Ventilation, Air-Conditioning and Refrigeration

HVACR students learn all aspects of the fundamentals of residential and commercial HVACR. Curriculum will focus on the skills and knowledge required for trouble-shooting, repairing and maintaining heating and air-conditioning units. In addition, students identify and interpret health, safety, and welfare standards and codes as designated by local, state, or federal agencies. Students will install the HVAC units and ductwork in the residential homes in Builders’ Ridge, Prosser’s subdivision.

Related Careers:  1. Residential/Commercial Technician    2. HVAC Sales and Service    3. HVAC Installation
Question: How do I enroll in a Prosser program?

Answer: Fill out a Prosser intent-to-enroll form and submit it to your school counselor. Prosser intent-to-enroll forms can be found on the Prosser website or in your school counselor’s office.

Arts/AV Technology & Communications

Interactive Media
Interactive Media students will utilize computer software to manipulate text, photos, graphics, sound and moving images into creative projects. Interactive media emphasizes the development of digitally generated or computer-enhanced products using multiple technologies. Graphic design, animation, full audio and video production and photography are also included.


Business and Marketing

Entrepreneurship and New Ventures
Entrepreneurship and New Ventures students will study curriculum that focuses on the roles and responsibilities of managers as well as opportunities and challenges of ethically managing a business in the free-enterprise system. A special focus will be placed upon the entrepreneurship skills and tools critical for starting and succeeding in a new business venture. Topics of government and legal restrictions, franchising, sales and revenue forecasting, business accounting, start-up funding, and business-plan development will also be covered.

Health and Human Services

Cosmetology
Cosmetology students study curriculum related to bacteriology, anatomy, hygiene, and sanitation, as well as small business (salon) management, record keeping, and customer relations. Students’ practical experiences will be conducted in a lab setting as well as in the Prosser School of Cosmetology full-service salon. Cosmetology students accumulate the required 1500 clinical hours over the two-year period to be eligible to test for the Indiana Cosmetology License.


Culinary Arts and Hospitality Management
Culinary Arts students will successfully complete three of the basic disciplines of baking, food and beverage, and culinary arts. Instruction includes sanitation and safety requirements for food preparation, maintenance and operation of culinary tools and equipment, and recipe reading and measurement. In addition to classroom instruction, students’ practical experiences will be conducted in a lab setting as well as in the Prosser Café and through participation in Prosser’s culinary catering service.


Health Science
Health Science students study the skills common to specific health-career topics and study medical terminology, basic anatomy/physiology, disease processes, infection control, and components for wellness and healthy lifestyle. Students learn and demonstrate technical skills in Prosser’s mock clinical laboratories. In addition, students study the role of the health-care worker, effective communication skills, and the legal and ethical standards within the health-care industry. Second-year students focus on career specialists and are placed in an actual clinical setting where they are prepared for the Certified Nursing Assistant (CNA) certification. Students participate in a variety of other experiences such as nursing, lab testing, obstetrics, imaging, physical therapy, surgery, medical offices or extended care.

Introduction to Pharmacy
Pharmacy students will attend their home school for a full schedule of classes and attend Prosser’s pharmacy class two days a week from 3:45–6 p.m. Students study an introduction to health-care systems, basic medical and pharmaceutical terminology, body systems, pharmaceutical dispensation, drug conversions, legal and ethical responsibilities, the role of the pharmacist/technician, and pharmaceutical industry trends. In addition, students participate in a required internship within an actual pharmacy. Students must be 18 by November 1 to participate in this experience. 


Information Technology

Networking Fundamentals
Networking Fundamentals students will learn how to assemble and configure computers, install operating systems and software, and troubleshoot hardware and software problems. Students will also learn all aspects of network support including the fundamental concepts of local, wide area, and home networks. The Network Systems curriculum is aligned with Comptia A+, Comptia Network+, and Cisco CCNA.

Computer Programming
Computer Programming students design, develop, test, document, implement and maintain computer systems and software. Programming introduces the structured techniques necessary for efficient solution of business-related computer programming logic problems and coding solutions into the high-level languages. Students learn computer languages, including Visual Basic and C++, JAVA, PHP, XHTML, Javascript, XML, AJAX, Oracle and SQL.

Question: Is it possible for me to attend Prosser my senior year only?

Answer: Yes! While most all programs offer two years of career and technical education training, it is not a requirement to attend both years. It is very beneficial for seniors to complete the first year curriculum of any Prosser program.
Manufacturing

**Precision Machining Technology**

Precision Machining students learn a basic understanding of the precision machining processes used in industry, manufacturing, maintenance and repair. Students experience hands-on training on some of the most technologically advanced equipment found in industry, including CNC (computer numerical control) lathes, CNC mills, EDM (electrical discharge machining) wire machines, CMM (coordinate measuring machine), CAD/CAM (computer-aided design/computer-aided machining) computers, robots, lathes, mills, surface grinders, drill presses, and saws.

**Related Careers:** 1. Machinist 2. Tool & Die Maker 3. CNC Programmer

**Welding Technology**

Welding Technology students learn to fabricate and weld metal, using shielded metal arc, oxy fuel, MIG, TIG, and plasma-arc techniques and procedures. In addition, students study the properties of metals, safety, blueprint reading, electrical principles, welding symbols, and mechanical drawings. The principles of metallurgy, gases, and material science are integral to this course.

**Related Careers:** 1. Pipe Fitter 2. Iron Worker 3. Steel Fabricator

**Public Safety**

**Criminal Justice**

Criminal Justice students will study the basic fundamentals of law enforcement and the criminal justice system. The Criminal Justice curriculum is based on the standards and content provided by official law enforcement academies. Students will learn criminal law, traffic control, and how to conduct effective criminal investigations. Students will also learn personal safety and defense tactics and participate in weekly physical training.

**Related Careers:** 1. Police Officer 2. Probation Officer 3. Conservation Officer

**Fire and Rescue/EMT**

Fire and Rescue students will focus on all aspects of Fire Science in the first-year curriculum. This will include Firefighter safety and health, fire control and behavior, rescue equipment, and hazardous materials. Second-year curriculum will include pre-hospital care, medication identification, and ambulance operations. Students completing the second-year curriculum will be prepared to test for a Basic Emergency Medical Technician (EMT) certification.

**Related Careers:** 1. Firefighter 2. EMT 3. Paramedic
Transportation

Aviation Maintenance Technology
Aviation Maintenance students receive instruction in power plants, airframes, aircraft drawing, basic electricity, basic physics, cleaning and corrosion control, fluid lines and fittings, ground operations and servicing, maintenance publications, materials and processes, mathematics, mechanical privileges and limitations, and aircraft weight and balance. The Aviation Maintenance program is located in the Federal Aviation Administration (FAA) certified facility, located at Shawnee High School. Aviation Maintenance students are actually Jefferson Community Technical College students and will attend classes with other JCTC students.

Related Careers: 1. Aviation Mechanic  2. Ground Maintenance Crew

Aircraft Operations
Aviation students will study and prepare for a career in aviation. First-year curriculum will include air transportation, aircraft propulsion and operating, ATC procedures, and primary ground school. Second-year students (one credit) will exclusively log actual flight hours at the Clark County Airport. Second-year students may have the option of scheduling a full or reduced load of classes at their high school. This program is uniquely operated in partnership with Vincennes University.


Automotive Collision Repair Technology
Auto Collision students train in many phases of the collision repair process: cost estimating, frame and body damage analysis, structural and unibody three-dimensional measuring, metal straightening, MIG welding, computerized frame diagnosis, computerized color mixing, computerized estimating of repair costs, panel and parts replacement. Students also learn auto-electrical systems, air-conditioning and air-bag systems. In addition to completing classroom instruction, students' practical experiences will be conducted in Prosser's fully operational auto-collision business.


Automotive Services Technology
Automotive Services Technology students learn industry theory and experience hands-on instruction in repairing vehicles using the latest diagnostic and repair equipment in the automotive industry. Topics covered include steering and suspension, braking systems, manual transmissions, differentials, automatic transmissions, air conditioning, engine repair, electrical systems and engine performance. In addition to completing classroom instruction, students' practical experiences will be conducted in Prosser's fully operational automotive-services business.

Diesel Service Technology

Diesel Service Technology students experience all phases of repair work on diesel engines and heavy equipment. Classroom and lab activities utilize state-of-the-art diagnostic equipment and tools to repair and troubleshoot all aspects of diesel operation, service and maintenance. Students also practice with the use of technical manuals, hand and power tools, and testing and diagnostic equipment.

Related Careers:
1. Diesel Maintenance Technician
2. Hydraulics Repair Technician
3. Service Writer

Question: How much of my school day will be spent at Prosser?

Answer: Approximately one half of the school day will be at Prosser and the other half will be at the home high school. Students enrolled in the morning session will begin at 7:55 and dismiss at 10:35. Students enrolled in the afternoon session will begin at 11:20 and dismiss at 2:00. Generally, first-year students attend in the morning and second-year students attend in the afternoon.
Incredible Course Offerings

Prosser offers 24 different Career and Technical Education programs.

- Prosser programs are designated by the Indiana Department of Education as “high-wage/high-demand” careers.
- Check out the Prosser programs that are on the Indiana Department of Workforce Development’s Hoosier Hot 50 jobs at [www.hoosierhot50.com](http://www.hoosierhot50.com) and other important career information at: [www.learnmoreindiana.org](http://www.learnmoreindiana.org).

Pathway To Future Success

- Prosser students earn thousands of college credits and hundreds of industry certifications each and every year.
- Many Prosser programs operate as an actual place of business, assuring students real-life experiences.

Exceptional Academic Quality

- Every Prosser teacher has years of actual industry experience within the discipline he/she teaches.
- All programs have active advisory committees made up of local business and industry professionals.

Top-Notch Technology

- From state-of-the-art computers and software to high-tech bulldozers (and everything in between), no high school career center is better equipped than Prosser.
- Prosser continually updates equipment to ensure that students are trained on the most current technology utilized by business and industry.

Ensuring students are College and Career-Ready
Save the Date!
Prosser’s Open House
Always held the third Thursday in January.

Please plan to tour Prosser’s facilities and learn more about The Prosser Journey.

Our Mission:
Prosser Career Education Center ensures each student the skills for continued education and for career readiness.

www.prossercareers.com
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http://www.facebook.com/pages/Prosser-Career-Education-Center/299274623464735?ref=ts