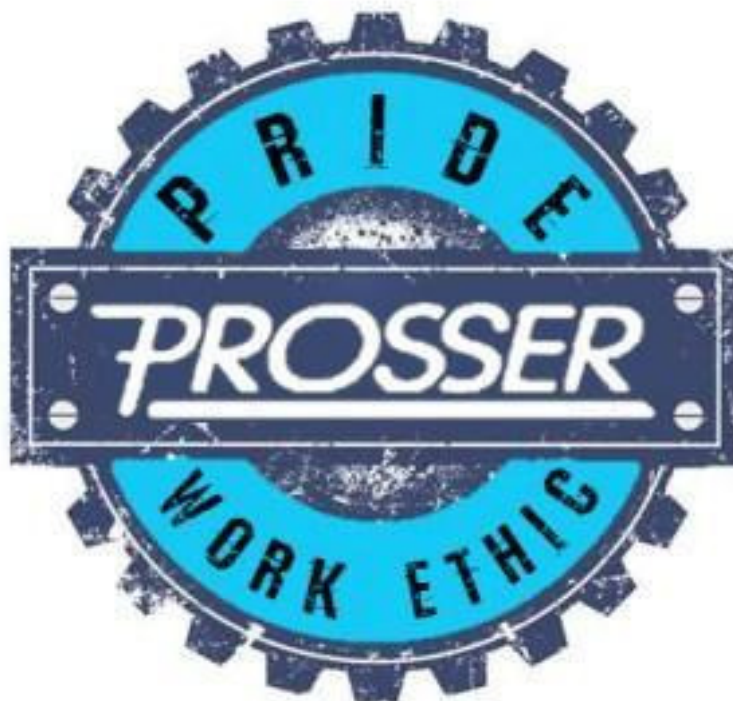


PROSSER CAREER EDUCATION CENTER



2023-2024

Detailed Planning and Program Guide

Latest Update

August 21, 2023, 7:00 pm

Prosser Career Education

Career Information

Table of Contents - Live Hyperlinks to Career Paths Below

Guide Information

1. Guide Overview
2. Career Tools

Advanced Manufacturing

3. Industrial Automation and Robotics
4. Precision Machining
5. Welding Technology

Agriculture, Food, and Natural Resources

1. Landscaping

Architectural and Construction

1. Civil Construction (Heavy Highway)
2. Construction Trades - Carpentry
3. Construction Trades - Electrical (Electricity)
4. Construction Trades - HVAC

Arts, AV Tech, and Communication

1. Digital Design (Interactive Media)

Business Management

1. Entrepreneurship/ Marketing and Finance

Education and Training

1. Early Childhood

Health Sciences

1. Health Careers - Certified Nursing Aide (CNA)
2. Health Careers - Year Two Options
 - a. Certified Clinical Medical Assistant (CCMA) - **In Development**
 - b. CNA Plus
 - c. Pre-Nursing
 - d. Emergency Medical Technician EMT- **In Development**

Health Sciences - Continued

3. Central Service Technician (Sterile Processing)
4. Dental Careers
5. Pharmacy Technician

Hospitality

1. Culinary Arts

Human Services

1. Cosmetology

Information Technology

1. Cyber Security
2. Software Development (Programming)
3. Networking

Public Safety

1. Criminal Justice
2. Fire Rescue and EMT

STEM

1. Design Technology (Drafting)

Transportation, Distribution, and Logistics

1. Automotive Services
2. Automotive Collision Repair
3. Aviation Careers
4. Diesel Services

CTE Other

1. Technical Skills Development
2. Technical Honors

Guide Overview

This document contains the complete program listings for Prosser Career Education Center. Each of the program listings in this document is the official description and coursework for the more than twenty-five programs offered at Prosser Career Education Center. This is a fluid document and can change from time to time as we update and revise programming. Besides the course description, you can also find the dual credit affiliated program and the program's certification along with career education information.

Please contact us at 812-542-8508 if you have questions or require more information and/or discussion.

Career Tools

As a means of preparing the user to make the best career selection, students are first encouraged to access the Career Assessment tool list below:

Career Assessment:

[Click Here](#)



Industrial Automation and Robotics

Career Cluster: Manufacturing - More General Information - [Click Here](#)

Instructor(s): Mr. Joseph Earl

In this program, students will learn about today’s industrial & manufacturing techs in a hands-on environment. Students will learn about industrial safety, the basics of electricity, fluid power, mechanical principles, AutoCAD, blueprint reading, industrial control wiring, motor controls, PLCs, robotic programming, and more! Students will also earn Industry-standard certificates as part of their education as well: OSHA-10, NCCER Core, Fanuc Tool Handling & Programming, CPR/AED, & the MSSC CPT. In this program, students will have the knowledge and skills needed to go into a high-demand career upon completing high school.



Prosser 1st Year - Junior Year

Dual Credits: 12 from Ivy Tech Sellersburg (44) CT - Sellersburg, Indiana

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7108	Principles of Advanced Manufacturing (PRIN ADV MAN)	7103	Advanced Manufacturing Technology (ADV MAN TECH)	7106	Mechatronics Systems (MECH SYS)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	SMDI 110(3), SMDI 111(3)		INDT 113(3)		ADMF 112(3), ADMF 122(3)	
Certs.					MSSC CPT (4) or SACA Cert(s)	

Prosser 2nd Year - Senior Year

Dual Credits: 13 from Ivy Tech Sellersburg (44) CT - Sellersburg, Indiana

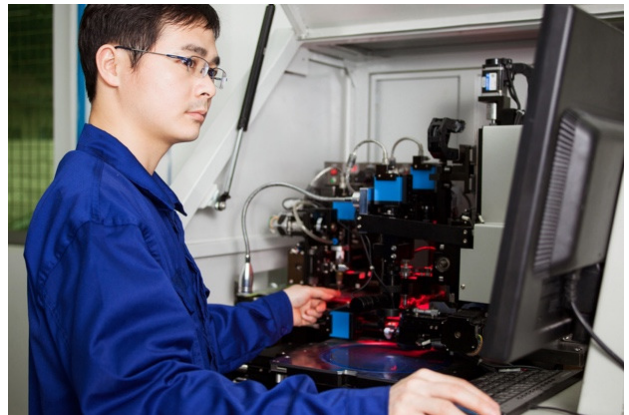
	Pathway Capstone	
State Course	7224	Industrial Automation and Robotics Capstone (AUTO ROB CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	INDT 104(3), 203(3), ADMF 222(3), IVYT 106(1), INDT 205(3)	
Certs.	MSSC CPT (4) or SACA Cert(s)	

Precision Machining

Career Cluster: Manufacturing - More General Information - [Click Here](#)

Instructor(s): Mr. Kevin Willis

Precision machine students learn to shape & form metal using the most current tool & die equipment available. Hands-on training will be on some of the most technologically advanced equipment found in the 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.



Prosser 1st Year - Junior Year

Dual Credits: 5 from Vincennes University Early College (95)

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7109	Principles of Precision Machining (PRIN PREC MACH)	7105	Precision Machining Fundamentals (MACH FUN)	7107	Advanced Precision Machining (PREC MACH)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	PMTD 105(2)		PMTD 110(2)		PMTD 110L(1)	
Certs.						

Prosser 2nd Year - Senior Year

Dual Credits: 10 from Vincennes University Early College (95)

	Pathway Capstone	
State Course	7219	Precision Machining Capstone (PREC MACH CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	PMTD 116(2), PMTD 120(6), PMTD 115(2)	
Certs.	NIMS	

Welding Technology

Instructor(s): Mr. Jerry Walton and Mr. Perry Warren

Career Cluster: Manufacturing - More General Information - [Click Here](#)

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, gasses, and material science are integral to this course. This program includes classroom and lab experiences that lead students to AWS Certifications.



Prosser 1st Year - Junior Year

Dual Credits: 15 from Ivy Tech Sellersburg (44) CT - Sellersburg, Indiana

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7110	Principles of Welding Technology (PRIN WEL TCH)	7111	Shielded Metal Arc Welding (SHLD MAW)	7101	Gas Welding Processes (GAS WEL PRC)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	WELD 100(3)		WELD 108(3), WELD 206(3)		WELD 207(3), WELD 272(3)	
Certs.					AWS Certifications	

Prosser 2nd Year - Senior Year

Dual Credits: 13 from Ivy Tech Sellersburg (44) CT - Sellersburg, Indiana

	Pathway Capstone	
State Course	7226	Welding Technology Capstone (WELD TECH CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	WELD 208(3), WELD 273(3)	
Certs.		

Landscaping

Instructor(s): Mrs. Kayla Oldham

Career Cluster: Agriculture, Food and, and Natural Resources - More Information - [Click Here](#)

Career Cluster: Architecture and Construction - More Information - [Click Here](#)

Landscaping 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. Students will also participate in a variety of activities, including extensive laboratory work in the exciting world of hydro and aeroponics.



Prosser 1st Year - Junior Year

Dual Credits: 6 from Vincennes University Early College (95)

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7117	Principles of Agriculture (PRIN AG)	5132	Horticulture Science (HORT SCI)	7115	Landscape and Turf Management (LAND TUR MAN)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	AGRI 101(3)		HORT 105(3)			
Certs.						

Prosser 2nd Year - Senior Year

Dual Credits: 6 from Vincennes University Early College (95)

	Pathway Capstone	
State Course	7234	Landscape Management Capstone (LANDSC MGMT CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	HORT 205(3), HORT 255(3)	
Certs.		

Civil Construction (Heavy Highway)

Instructor(s): Mr. Jerry Pellman

Career Cluster: Architecture and Construction - More Information - [Click Here](#)

Heavy 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, graders, dump trucks, and rubber-tired loaders. The curriculum includes knowledge of safety and preventative maintenance, surveying, road construction, and basic earthwork construction.



Prosser 1st Year - Junior Year

Dual Credits: 9 from Ivy Tech Noblesville (44)

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7130	Principles of Construction Trades (PRIN CON TR)	7121	Civil Construction Fundamentals (CIV CON FUN)	7118	Advanced Civil Construction (ADV CIV CON)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	BCTI 100(3)		BCTU 120(3)		BCTE 121(3)	
Certs.	NCCER Core				NCCET Heavy Highway 1	

Prosser 2nd Year - Senior Year

Dual Credits: 1 from Ivy Tech Noblesville (44)

	Pathway Capstone	
State Course	7240	Civil Construction Capstone (CIV CSTR CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	BCTE 280(1)	
Certs.		

Construction Trades - Carpentry

Instructor(s): Mr. Brad Spine and Mr. Ron Zimmer

Career Cluster: Architecture and Construction - More Information - [Click Here](#)

Construction students gain familiarity with all aspects of building commercial and residential structures. 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 also learn 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.



Prosser 1st Year - Junior Year

Dual Credits: 6 from Ivy Tech Noblesville (44)

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7130	Principles of Construction Trades (PRIN CON TR)	7123	Construction Trades: General Carpentry (CON TRD GC)	7122	Construction Trades: Framing and Finishing (CON TRD FR FIN)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	BCTI 100(3)		BCTI 101(3)			
Certs.	NCCER Core				NCCET Carpentry Level 1	

Prosser 2nd Year - Senior Year

Dual Credits: 4 from Ivy Tech Noblesville (44)

	Pathway Capstone	
State Course	7242	Construction Trades Capstone (CSTR TR CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	BCTI 102(3), 280(1)	
Certs.		

Construction Trades - Electrical (Electricity)

Instructor(s): Mr. Mike Baurela

Career Cluster: Architecture and Construction - More Information - [Click Here](#)

Students in this program learn Commercial, Industrial, and Residential Electrical installation, and can complete years 1 and 2 of the Electrical Apprenticeship curriculum. Study of Electrical Theory, the National Electrical Code, along with Branch Circuit Wiring and Switch Control are a primary focus. Motors, Control Systems, Conduit Bending, and service entrance installation are also included. All students participate in Job Shadowing, Micro-Internships, and in the 2nd Semester of their Senior year work paid Internships. Over 20 College Credits, various certifications, and on-the-job training yield a high level of learning for these students, and advanced placement in postsecondary apprenticeships, and gainful employment are to be anticipated. Students who choose the Prosser Adult Electrical Apprenticeship can enter the program after high school at the 3rd Year Level. This program, sponsored by the Associated Builders & Contractors, has yielded a large number of licensed Journeyman Electricians - including Prosser Graduates. Some by the age of 21 years old. Additionally, an associate's degree from Vincennes University can be achieved through this same program. All on our campus.



Prosser 1st Year - Junior Year

Dual Credits: 12 from Ivy Tech Noblesville (44)

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7130	Principles of Construction Trades (PRIN CON TR)	7124	Electrical Fundamentals (ELEC FUN)	7119	Advanced Electrical (ADV ELEC)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	BCTI 100(3)		BCTI 130(3)		BCTI 131(3) BCTI 132(3)	
Certs.	NCCET Core				NCCER Electrical 1	

Prosser 2nd Year - Senior Year

Dual Credits: 7 from Ivy Tech Noblesville (44)

	Pathway Capstone	
State Course	7263	Construction Trades Electrical Capstone (CT ELEC CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	BCTE 231(3), BCTI 232(3), BCTI 280(1)	
Certs.		

Construction Trades - HVAC

Instructor(s): Mr. Mark Doyle

Career Cluster: Architecture and Construction - More Information - [Click Here](#)

HVAC students learn all aspects of the fundamentals of residential and commercial HVAC. The curriculum will focus on the skills and knowledge required for troubleshooting, repairing, and maintaining heating and air-conditioning units. Additional topics include tool and meter use, temperature measurement, heat flow, the combustion process, and pipe installation practices.



Prosser 1st Year - Junior Year

Dual Credits: 9 from Ivy Tech Noblesville (44)

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7131	Principles of Heating, Ventilation, and Air Conditioning (HVAC) (PRN HVAC)	7125	HVAC Fundamentals (HVAC FUN)	7126	HVAC Service (HVAC SER)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	HVAC 100(3)		NVAC 101(3)		HVAC 103(3)	
Certs.					NATE HVAC Support Technician	

Prosser 2nd Year - Senior Year

Dual Credits: 3 from Ivy Tech Noblesville (44)

	Pathway Capstone	
State Course	7244	HVAC Capstone (HVAC CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	HVAC 107(3)	
Certs.		

Digital Design (Interactive Media) - 1 Year Course

Instructor(s): Mr. Mark Sickles

Career Cluster: Arts, AV Tech and Communications - More Information - [Click Here](#)

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 in creative projects. Studies also include professional business practices, the importance of ethics, communication skills, teamwork, and making deadlines. This is a one-year course.



Prosser 1st Year - Junior Year

Dual Credits: 0

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7140	Principles of Digital Design (PRIN DIG DES)	7141	Digital Design Graphics (DIG DES GRAPH)	7138	Interactive Media Design (IN MED DES)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits						
Certs.						

Prosser 2nd Year - Senior Year

Dual Credits: 0

	Pathway Capstone	
State Course		This Program does not include a second-year option
Credits		
Dual Credits		
Certs.		

Entrepreneurship/ Marketing and Sales

Instructor(s): Mr. Mathew Hyde

Career Cluster: Arts, AV Tech and Communications - More Information - [Click Here](#)

Students will learn essential skills that will prove very useful in starting their own businesses. Students will engage in networking, self-awareness, innovation, risk-taking, problem-solving, and personal growth opportunities to build confidence, courage, and a growth mindset. Via the entrepreneurship process, students will discover, interpret, ideate, prototype, evolve, and execute a real-life problem solution of their choosing. Ample opportunities are provided for students to be empowered and participate in teamwork, public speaking, pitching, tours, guest speakers, and workshops.



Prosser 1st Year - Junior Year

Dual Credits: 21 from Ivy Tech Noblesville (44)- Accuplacer/ Knowledge Assessment Required

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7154	Principles of Entrepreneurship (PRIN ENTR)	7148	New Venture Development (NEW VENT)	7147	Small Business Operation (SM BUS OPER)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	ENTR 100(5)		ENTR 200(5)		ENTR 215(6)	
Certs.					Microsoft Office Spec. Assoc.(3)	

Prosser 2nd Year - Senior Year

Dual Credits: 9 from Ivy Tech Noblesville (44)

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	4562	Principles of Business Management (PRIN BUS)	5914	Marketing Fundamentals (MRKT FUND)	5918	Strategic Marketing (STRT MRKT)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	MKTG 101(3)		BUSN 105(3)		MKTG 230(3)	
Certs.						

Early Childhood

Instructor(s): Mrs. Natalie Johnson

Career Cluster: Education and Training - More Information - [Click Here](#)

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 preschool age range including both traditional and special education classrooms.



Prosser 1st Year - Junior Year

Dual Credits: 12 from Ivy Tech Noblesville (44)

- Accuplacer/ Knowledge Assessment Required

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7160	Principles of Early Childhood Education (PRIN EAR CH ED)	7158	Early Childhood Education Curriculum (EAR CHD ED CUR)	7159	Early Childhood Education Guidance (EAR CHD ED GD)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	ECED 100(3)		ECED 101(3)		ECED 103(3) ECED 130(3)	
Certs.					CDA Certification	

Prosser 1st Year - Junior Year

Dual Credits: 9 from Ivy Tech Noblesville (44) - Accuplacer/ Knowledge Assessment Required

	Pathway Capstone	
State Course	7259	Early Childhood Education Capstone (ERLY CHILD CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	ECED 100(3), ECED 101(3), ECED 103(3), ECED 130(3)	
Certs.	CDA Certification	

Health Careers - Certified Nursing Aide (CNA)

Instructor(s): Mrs. Penny Reed, Mrs. Amanda Gulley, Mrs. Sophia Stewart

Career Cluster: Health Sciences - [Click Here](#)

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 a healthy lifestyle. In addition, students study the role of the healthcare worker, effective communication skills, and the legal and ethical standards within the healthcare industry. Second-year students will be placed in an actual clinical setting where they are prepared for the Certified Nursing Assistant (CNA) certification or work toward a Central Service Technician certificate that focuses on Surgical Instrumentation. Students participate in a variety of other experiences such as nursing, lab testing, obstetrics, imaging, physical therapy, surgery, medical offices, or extended care.



Prosser 1st Year - Junior Year

Dual Credits: 14.5 from Ivy Tech Noblesville (44) - Accuplacer/ Knowledge Assessment Required

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7168	Principles of Healthcare (PRIN HLCR)	5274	Medical Terminology (MED TERMS)	7166	Healthcare Specialists: CNA (HC SPEC CAN)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	HLHS 100(3), HLHS 101(3)		HLHS 107(3), HLHS 113(3)		HLHS 104(.5)	
Certs.	CPR		Dimitia Care		CNA Certification	

Health Careers - Year Two Options

Certified Clinical Medical Assistant (CCMA)

Instructor(s): Mrs. Jennifer Lewis

Career Cluster: Health Sciences - [Click Here](#)

After the Health Careers student's junior year, Prosser offers an option to earn a CCMA credential. CCMA provides our health careers students an opportunity to perform administrative and certain clinical duties under the direction of a physician. Administrative duties may include scheduling appointments, maintaining medical records, billing, and coding information for insurance purposes. Clinical duties may include taking and recording vital signs, administering injections, performing EKGs and medical histories, preparing patients for examination, drawing blood, and administering medications as directed by the physician.



Prosser 2nd Year - Senior Year - [Option 1](#)

Dual Credits: 3 from Ivy Tech Noblesville (44)

	Concentrator B		Pathway Capstone	
State Course	7164	Certified Clinical Medical Assistant CCMA (CERT CL MED AST)	7255	Healthcare Specialist Capstone (HC SPEC CAP)
Credits	2 Credits Total, 1 Credit Per Semester		4 Credits Total, 2 Credit Per Semester	
Dual Credits	104(3)			
Certs.	Certified Medical Assistant (CMA)		Certified Phlebotomy Technician (CBT)	

Health Careers - Year Two Options

CNA Plus

Instructor(s): Mrs. Amanda Gulley

Career Cluster: Health Sciences - [Click Here](#)

After the Health Careers student's junior year, Prosser offers an option called CNA Plus to increase the student's clinical experience, dual credits, and certifications as a Certified Nursing Assistant. CNA Plus is an outstanding option for students looking to build a resume and enter the workforce quickly



Prosser 2nd Year - Senior Year - **Option 2**

Dual Credits: 6 from Ivy Tech Noblesville (44)

Pathway Capstone - <u>CNA Plus</u>		
State Course	7255	Healthcare Specialist Capstone (HC SPEC CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	HLHS 102(3), HLHS 105(3)	
Certs.		

Health Careers - Year Two Options

Pre-Nursing

Instructor(s): Mrs.Penny Reed

Career Cluster: Health Sciences - [Click Here](#)

After the Health Careers student’s junior year, Prosser offers an option we call Pre-Nursing. This path is best suited for students who plan to take their CNA credentials and experience and quickly move on to working towards a more advanced degree and certification in the nursing field. A big emphasis is put on additional dual credits to help kick-start the students' post-secondary education and their Nursing License.



Prosser 2nd Year - Senior Year - **Option 3**

Dual Credits: 19 from Ivy Tech Noblesville (44)

Pathway Capstone - <u>Pre-Nursing</u>		
State Course	7255	Healthcare Specialist Capstone (HC SPEC CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	HLHS 102(3), HLHS 105(3), APHY 101(3), ENG 111(3), PSYC 101(3), IVYT 106(1), MEAS 225(3)	
Certs.		

Health Careers - Year Two Options - **IN DEVELOPMENT**

Emergency Medical Technician EMT

(Taught After Regular School Hours/1 Semester Course)

Instructor(s):

Career Cluster: Health Sciences - [Click Here](#)

This curriculum will include pre-hospital care, medication identification, and ambulance operations. Students completing this curriculum will be prepared to test for a Basic Emergency Medical Technician (EMT) certification.



Prosser 2nd Year - Senior Year - [Option 4 - After Hours Course](#)

Dual Credits: 0 from Ivy Tech Noblesville (44)

	Concentrator B		Pathway Capstone	
State Course	7165	Emergency Medical Tech (EMT)	7255	Healthcare Specialist Capstone (HC SPEC CAP)
Credits	2 Credits Total, 1 Credit Per Semester		4 Credits Total, 2 Credit Per Semester	
Dual Credits			EMT (May test at 18 years of age)	
Certs.				

Central Service Technician (Sterile Processing)

Instructor(s): Betty McGee

Career Cluster: Health Sciences - [Click Here](#)

A central service technician is a medical professional who prevents infections by sterilizing, cleaning, processing, assembling, storing, and distributing medical supplies in a healthcare facility. They must conduct inventories and stock medical disposable goods in storage areas.



Prosser 1st Year - Junior Year

Dual Credits: 9.5 from Ivy Tech Noblesville (44) - Accuplacer/ Knowledge Assessment Required

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7168	Principles of Healthcare (PRIN HLCR)	5274	Medical Terminology (MED TERMS)	7163	Central Service Technician Fundamentals (CEN SER TEC FUN)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	HLHS 101(3)		HLHS 104(.5)		CSTC 108(3) CSTC 105(3)	
Certs.						

Prosser 2nd Year - Senior Year

Dual Credits: 9 from Ivy Tech Noblesville (44)

	Pathway Capstone	
State Course	7257	Central Service Technician Capstone (CENT SRV TECH CAP)
Credits		
Dual Credits	CSTC 107(3), HLHS 105(3), CSTC 108(3)	
Certs.		

Dental Careers

Instructor(s): Mrs. Amy Kuhman

Career Cluster: Health Sciences - [Click Here](#)

This program will prepare students for an entry-level dental assisting position. Dental Assistants have one of the most diverse & interesting of all positions in a dental office. The curriculum will include instruction in chair-side assisting, equipment/instrument identification, tray set-ups, sterilization, disease control, histology, tooth morphology, and dental charting. Simulated in-school laboratories and an internship at an actual dental office are included.



Prosser 1st Year - Junior Year

Dual Credits: 6.5 from Ivy Tech Noblesville (44)

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7315	Principles of Dental Careers (PRIN DENT CAR)	7316	Dental Careers Fundamentals (DENT CAR FUND)	7317	Advanced Dental Careers (ADV DENT CAR)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	HLHS 100(3)		HLSH 104(.5)		HLSH 101(3)	
Certs.					Radiation Health and Safety	

Prosser 2nd Year - Senior Year

Dual Credits: 9 from Ivy Tech Noblesville (44)

	Pathway Capstone	
State Course	7318	Dental Careers Capstone (DENT CAR CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	HLHS 105(3)	
Certs.		

Pharmacy (Taught After Regular School Hours/1 Year Course)

Instructor(s): Kristunya Davis

Career Cluster: Health Sciences - [Click Here](#)

This course introduces the student to the foundational principles, career concepts, and entry-level skills and duties typically performed by a pharmacy technician in community/retail, hospital/health system, and other pharmacy practice settings. Classroom and lab activities provide opportunities for the demonstration of knowledge, understanding, and proficiency in technical and customer service applications related to the role and scope of practice of a pharmacy technician. Essential pharmacy calculations are presented with an emphasis on the development of problem-solving skills for safe pharmacy practices.



Prosser Junior or Senior Year

Dual Credits: 0 from Ivy Tech Noblesville (44)

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7168	Principles of Healthcare (PRIN HLCR)	5274	Medical Terminology (MED TERMS)	7167	Pharmacy Tech (PHARM TECH)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits						
Certs.					Pharmacy Tech Certification	

Prosser 2nd Year - Senior Year

Dual Credits: 0 from Ivy Tech Noblesville (44)

	Pathway Capstone	
State Course	This Program does not include a second-year option	
Credits		
Dual Credits		
Certs.		

Culinary Arts

Instructor(s): Chef Haley Soeder and Chef Vanessa Goode

Career Cluster: Hospitality and Tourism - [Click Here](#)

Culinary Arts students will successfully complete three basic disciplines of baking, food and beverage, and culinary. Instruction includes sanitation and safety requirements for food preparation; maintenance and operation of culinary tools and equipment; 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.



Prosser Junior or Senior Year

Dual Credits: 11 from Vincennes University Early College (95)

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7173	Principles of Culinary and Hospitality (PRIN HOSP)	7171	Nutrition (NUTR)	7169	Culinary Arts (CUL ARTS)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	CULN 110(5)		REST 100(3)		CULN120(3)	
Certs.					ProStart Certification and ServSafe	

Prosser 2nd Year - Senior Year

Dual Credits: 11 from Vincennes University Early College (95)

	Pathway Capstone	
State Course	7233	Culinary Arts Capstone (CUL ARTS CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	REST 155(3)	
Certs.		

Cosmetology

Instructor(s): Mrs. Christy Cates, Mrs. Trudy Grimes, Mrs. Jennifer Hottel

Career Cluster: Health Sciences - [Click Here](#) (State List Cosmetology Under Health Sciences)

Cosmetology students learn a 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 a two-year period to be eligible to test for the Indiana Cosmetology License.



Prosser Junior or Senior Year

Dual Credits: 14 from Vincennes University Early College (95) - Accuplacer/ Knowledge Assessment Required

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7330	Principles of Barbering Cosmetology (PRIN COSMO)	7331	Barbering and Cosmetology Fundamentals (COSMO FUND)	7332	Advanced Cosmetology (ADV COSMO)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	COSM 100(7)		COSM 150(7)			
Certs.					Indiana State Board of Cosmetology License	

Prosser 2nd Year - Senior Year

Dual Credits: 14 from Vincennes University Early College (95)

	Pathway Capstone	
State Course	7334	Barbering and Cosmetology Capstone (COSMO CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	COSM 200(7), COSM 250(7)	
Certs.		

Information Technology Operations “Cybersecurity”

Instructor(s): Mrs. Amy Doyle

Career Cluster: (IT) Information Technology - [Click Here](#)

In this course, students will learn fundamental cybersecurity topics including computer repair, the basics of cryptography, software security, networking fundamentals, and basic system administration, and investigate the fields of cybersecurity. The course is designed to address the fundamental implications of technology, the history of securing information and the relationship to the evolution of technology, and the need to securely transmit and store information. This is not a “hacking” class, but we do include the ways computers, programs, networks, and people are exploited by hackers, and what we can do to prevent or minimize the damage caused by bad actors.



Prosser Junior or Senior Year

Dual Credits: 18 from Ivy Tech Sellersburg (44) - Accuplacer/ Knowledge Assessment Required

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7183	Principles of Computing (PRIN COMP INFO)	7180	Information Technology Fundamentals (INFO TECH FUN)	7181	Networking and Cybersecurity Operations (INFO TECH SUP SER)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	ITSP 124(3), ITSP 132(3)		NETI 109(3), SDEV 120(3)		NETI 104(3), CSIA 105(3)	
Certs.	Security +		A+		Network +	

Prosser 2nd Year - Senior Year

Dual Credits: 6 from Ivy Tech Sellersburg (44)

	Pathway Capstone	
State Course	7249	IT Operations: Cybersecurity Operations Capstone (CYBER OPER CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	CSIA 115(3), SVAD 111(3)	
Certs.		

Software Development (Programming)

Instructor(s): Mr. Robert Webb

Career Cluster: (IT) Information Technology - [Click Here](#)

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. The discussion will also include database administration and data maintenance. Students will be introduced to data concepts such as data warehousing, data mining, and BIG data.



Prosser Junior or Senior Year

Dual Credits: 15 from Ivy Tech Sellersburg (44) - Accuplacer/ Knowledge Assessment Required

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7183	Principles of Computing (PRIN COMP INFO)	7185	Website and Database Development (WEB DATA DEV)	7184	Software Development (SOFT DEV)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	SDEV 120(3) DBMS 110(3)		SDEV 153(3) SDEV 140(3)		INFM 109(3)	
Certs.					PCEP (Python Cert Entry Prog)	

Prosser 2nd Year - Senior Year

Dual Credits: 18 from Ivy Tech Sellersburg (44)

	Pathway Capstone	
State Course	7253	Software Development Capstone (SW DEV CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	None	
Certs.		

Networking

Instructor(s): Mr. Ben Caple

Career Cluster: (IT) Information Technology - [Click Here](#)

A network student learns the skills for implementing, maintaining, troubleshooting, and repairing computer and network systems. Network technicians set up Internet connections, establish different types of networks and connect them.



Prosser Junior or Senior Year

Dual Credits: 9 from Vincennes University (95)

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7183	Principles of Computing (PRIN COMP INFO)	7180	Information Technology Fundamentals (INFO TECH FUN)	7182	Networking Fundamentals (NTWK FUN)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	CMET 140(3)		CMET 185(2)		CMET 195(1)	
Certs.	A+, CCNA		ITF+, Network +, Security +		Cisco, CompTIA	

Prosser 2nd Year - Senior Year

Dual Credits: 9 from Vincennes University (95)

	Pathway Capstone	
State Course	7251	Networking Capstone (NETWK CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	CPNS 101(3), CMET 220(3), CPNS 102(3), CMET 195(1)	
Certs.		

Criminal Justice

Instructor(s): Mr. Jeff Ehringer and Mr. Don York

Career Cluster: Law, Public Safety, Corrections & Security - [Click Here](#)

Criminal Justice students will study the basic fundamentals of law enforcement and the criminal justice system as well as explore the many other career opportunities in Criminal Justice to include, including but not limited to Social Work, Paralegal, and Corrections. 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.



Prosser Junior or Senior Year

Dual Credits: 12 from Vincennes University -Early College (95)

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7193	Principles of Criminal Justice (PRIN CR JUST)	7191	Law Enforcement Fundamentals (LAW ENF FUND)	7188	Corrections and Cultural Awareness (CRT CORR)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	LAWE 100(3)		LAWE 145(3)		LAWE 101(3), LAW E 150(3)	
Certs.						

Prosser 2nd Year - Senior Year

Dual Credits: 9 from Vincennes University (95)

	Pathway Capstone	
State Course	7231	Criminal Justice Capstone (CRIM JUST CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	LAW E 215(3)	
Certs.		

Fire Rescue and EMT

Instructor(s): Lt. Matthew Kidd

Career Cluster: Law, Public Safety, Corrections & Security - [Click Here](#)

Fire and Rescue students will focus on all aspects of Fire Science in the first-year curriculum. This will include firefighters' safety and health, fire control and behavior, rescue equipment, and hazardous materials. The 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.



Prosser Junior or Senior Year

Dual Credits: 12 from Ivy Tech Bloomington (44) CT

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7195	Principles of Fire and Rescue (PRIN FIRE RES)	7189	Fire Fighting Fundamentals (FIRE FGHT FUN)	7186	Advanced Fire Fighting (ADV FIRE FGHT)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	HSPS 102(3)		HSPS 122(3)		HSPS 167(3), HSPS 165(3)	
Certs.						

Prosser 2nd Year - Senior Year

Dual Credits: 8 from Ivy Tech Bloomington (44) CT

	Pathway Capstone	
State Course	7229	Fire and Rescue Capstone / EMT (FIRE RES CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	PARM 102(8)	
Certs.		

Design Technology (Drafting)

Instructor(s): Mr. Kyle Thatch

Career Cluster: Architecture and Construction - More Information - [Click Here](#)

Career Cluster: (STEM) Science, Technology, Engineering & Mathematics - [Click Here](#)

Drafting students will learn the theory and skills of architectural drafting and design. The 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 2D drafting to 3D modeling. This course will utilize the most current computer-aided design (CAD) and 3D modeling software available.



Prosser Junior or Senior Year

Dual Credits: 6 from Ivy Tech Sellersburg (44)

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	4802	Introduction to Engineering Design (INT ENG DES)	7196	Mechanical and Architectural Design (ARCT DES)	7197	BIM Architecture (BIM ARCH)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	DESN 101(3)		DESN 113(3)			
Certs.					Certified Solidworks Assoc. Certificate	

Prosser 2nd Year - Senior Year

Dual Credits: 12 from Ivy Tech Sellersburg (44)

	Pathway Capstone	
State Course	7225	Architectural Design Capstone (ARCH DES CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	DESN 104(3), DESN 105(3), DESN 195(3), DESN 220(3)	
Certs.		

Automotive Services

Instructor(s): Mr. Glenn Dethy and Mr. Mark Hyers

Career Cluster: Transportation, Logistics & Distribution - [Click Here](#)

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, electrical systems, and engine performance.



Prosser Junior or Senior Year

Dual Credits: 12 from Vincennes University Early College (95)

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7213	Principles of Automotive Services (PRIN AUTO SER)	7205	Brake Systems (BRK SYS)	7212	Steering and Suspensions (STEER SUSP)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	AUTO 105(2), AUTO 110(3)		AUTO 110L(1)		AUTO 120(5), AUTO 120L(1)	
Certs.					Toyota Maintenance Cert or ASC	

Prosser 2nd Year - Senior Year

Dual Credits: 9 from Vincennes University Early College (95)

	Pathway Capstone	
State Course	7375	Automotive Service Capstone (AUTO SRV CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	AUTO 130(4) AUTO 130L(1), AUTO 160(3), AUTO 160L(1)	
Certs.		

Automotive Collision Repair

Instructor(s): Mr. Matthew Mayfield and Mr. Mike Walker

Career Cluster: Transportation, Logistics & Distribution - [Click Here](#)

Auto Collision students train in many phases of the collision repair process: cost estimating, frame, and body damage analysis, structural and uni-body 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.



Prosser Junior or Senior Year

Dual Credits: 11 from Vincennes University Early College (95)

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7215	Principles of Collision Repair (PRIN COL REP)	7204	Automotive Body Repair (AUTO BDY REP)	7206	Plastic Body Repair and Paint Fundamentals (PAINT FUND)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	AUTO 105(2)		BODY 100(3), BODY 100L(4)		WELD 185(2)	
Certs.					ICAR Auto Collision I Certificate	

Prosser 2nd Year - Senior Year

Dual Credits: 11 from Vincennes University Early College (95)

	Pathway Capstone	
State Course	7380	Collision Repair Capstone (COLL RPR CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	BODY 280(2), BODY 150(3), BODY 150L(4), BODY 290(2)	
Certs.		

Aviation Careers

Instructor(s): Mr. Elijah Green

Career Cluster: Transportation, Logistics & Distribution - [Click Here](#)

Aviation students will receive a broad-based introduction to the field of aviation. Course activities include familiarization with aviation technology; a historic overview of the field of aviation; exploration of the current aviation environment and careers and employment opportunities in the field. Topics are focused on aircraft manufacturing, airline operations, general aviation, air freight, airport management, and government service. Second-year students will experience actual flight time arranged so that a full schedule at their homeschool is possible.



Prosser Junior or Senior Year

Dual Credits: 11 from Vincennes University (95)

Accuplacer / Knowledge Assessment Required

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7214	Principles of Aviation Management (PRIN AVI MAN)	7217	Private Pilot Theory (PVT PLT THRY)	7207	Aviation Safety and Operations (AVI SAF OPS)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	AMNT 100(2)		AFLT 210(3), AFLT 291(3)		AFLT 100(4)	
Certs.					Part 107 Commercial Drone Operator	

Prosser 2nd Year - Senior Year

Dual Credits: 1 from Vincennes University (95)

	Pathway Capstone	
State Course	7385	Aviation Management Capstone (AVI MGMT CAP)
Credits	3 Credits - for the year	
Dual Credits	AFLT 102(1)	
Certs.		

Diesel Services

Instructor(s): Mr. Shane Maples

Career Cluster: Transportation, Logistics & Distribution - [Click Here](#)

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. Instructions in personal and environmental safety practices as related to OSHA and other agencies that affect industry working in the ground transportation technical areas are also covered.



Prosser Junior or Senior Year

Dual Credits: 7 from Vincennes University Early College (95)

	Principles		CTE Concentrator A		CTE Concentrator B	
State Course	7216	Principles of Diesel Technology (PRIN DSL SERV)	7210	Diesel Steering and Brakes (DSL STR BRKS)	7211	Diesel Transmissions (DSL TRN ENGI REP)
Credits	2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	
Dual Credits	DESL 110(3), DESL 110L(1)		DESL 160(2)		DESL 160L(1)	
Certs.					Toyota Maintenance Certification	

Prosser 2nd Year - Senior Year

Dual Credits: 9 from Vincennes University Early College (95)

	Pathway Capstone	
State Course	7221	Diesel Services Capstone (DESL SRV CAP)
Credits	6 Credits Total, 3 Credit Per Semester	
Dual Credits	DESL 130(3), DESL 130L(2), DESL 140(2), DESL 140L(2)	
Certs.		

Technical Skills Development

(If a student has previously taken the Principles Course)

The Technical Skills Development course may be used to provide students with the opportunity to apply the technical knowledge and skills learned in a Concentrator A or B course through additional real-world learning experiences such as lab activities, project-based learning, or a work-based learning experience. Students must be co-enrolled in a Concentrator A and/or B course in order to be enrolled in the Technical Skills Development Course.



Program Course Structure with Technical Skills

Prosser Junior or Senior Year

Principles		CTE Concentrator A		CTE Concentrator B	
7156	Technical Skills Development (TECH SKL DEV)	----	Concentrator A	----	Concentraor B
2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester		2 Credits Total, 1 Credit Per Semester	

Technical Honors

These Technical Honors Diploma potential dual credits and certifications are subject to change. There are numerous other certifications awarded, but not all will be earned by all students. Please contact our office if you need additional information. Please discuss these options with your THD candidates and Prosser’s counselor.

***Indicates Accuplacer or Knowledge Assessment testing required for dual credits**