

# New Washington High School

2023-2024

## COURSE DESCRIPTION GUIDE

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New Washington, IN 47162 | [gocschools.com](http://gocschools.com)



# PORTRAIT OF A GCCS GRADUATE

## Pathways to Success

Students enrolled in Greater Clark County Schools receive a foundation of PRIDE® and work ethic skills on which to build academic achievement and career/experiential learning.



Learn that strong work ethic skills are essential for success

ACQUIRE



Maximize education to best prepare for college and careers

ACHIEVE

Apply work ethic skills and academic achievement to college and career exploration

ASPIRE



# PORTRAIT OF A GCCS GRADUATE

## Pathways to Success

Students enrolled in Greater Clark County Schools receive a foundation of PRIDE® and work ethic skills on which to build academic achievement and career/experiential learning.

### ACQUIRE



#### **GCCS graduates learn that strong work ethic skills are essential for success.**

The GCCS PRIDE® program builds students of strong character who strengthen the community.

- Persistence
- Respectfulness
- Initiative
- Dependability
- Efficiency

Work Ethic Certificates are earned and recognized by area employers.

- PRIDE® Skills
- 98% attendance and models positive behavior
- Meet community service and graduation requirements

GCCS graduates take ownership of their career path.

- Self-aware
- Drug-free
- Take initiative
- Well-rounded
- 21st Century Skills: Critical Thinkers, Creative, Communicators, Collaborators

### ACHIEVE



#### **GCCS graduates maximize education to best prepare them for college and careers.**

Their education provides:

- Innovative academic pathways
- Proficiency with skills unique to the academy and pathway of their choice
- Transferable skills applicable to all careers
- Exposure to the use of technology as both a learning tool and a skill-set
- Effective communication training and the merits of personal responsibility
- Preparation to perform well on metrics of measurement, i.e. ACT, SAT and WorkKeys assessments
- Instruction focused on attainment of strong literacy and numeracy skills
- College credits and/or certifications within the academy learning model

### ASPIRE



#### **GCCS graduates apply work ethic skills and academic achievement to college and career exploration.**

Each will:

- Understand the applicability of today's classroom learning into tomorrow's workplace through:
  - Academy Fairs
  - Job Expos
  - Job Shadowing
  - Internships
- Capitalize on resources such as College & Career Centers and Academic Guidance
- Connect with business mentors within areas of interest
- Present capstone project directly tied to business applications
- Focus on culturally-aware and globally-minded learning
- Develop a career pathway that aligns with interests



Dear Parents and Students:

This Academies of Greater Clark at New Washington High School Course Description Guide is an extremely valuable tool to assist the students with appropriate course selections for the 2022-23 school year. All of the course descriptions have been reviewed and information is included to assist you with making appropriate choices. It is important that you are aware of the requirements a student must have for graduation from New Washington High School. Every student must follow the Core 40 diploma track and meet Graduation Pathways. Many students will choose to earn an Academic Honors Diploma or the Technical Honors Diploma. These students must be sure to take the correct courses for those diplomas and make certain the courses are selected in the appropriate sequence. We are thrilled to share that our students have the opportunity to work toward an Ivy Tech certificate as well. Our counseling staff will work with all students to ensure proper course and career pathway selections.

Students should select courses in which they have an interest and which meet their educational goals. It is important to select courses carefully because schedule changes will be held to an absolute minimum once the school's master schedule is finalized. It becomes very difficult to change a student's schedule once the requests have been built into the master schedule.

We encourage parents to work with your students to choose courses and to discuss aspirations and career choices as students explore pathways. Collaboration among parents, students, teachers, and counselors will help provide the support that students need in their journey to reach personal goals.

We look forward to working with you during this important time.

Sincerely,

New Washington High School Administration

**Ginger Whitis, Principal**  
**Jonathan May, Dean of Students**  
**Dustin Martin, Counselor, [dmartin@gccschools.com](mailto:dmartin@gccschools.com)**

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**Notice:**

*It is the policy of Greater Clark County Schools to maintain and operate a learning environment free from discrimination and harassment on the basis of gender, age, race, disability, family status, national origin, or religion. No person is excluded from participation in, denied the benefits of, or otherwise subjected to unlawful discrimination on such basis under any educational or student activity.*



# **THE Academies of Greater Clark**

**ACQUIRE • ACHIEVE • ASPIRE**

## **WHAT ARE THE ACADEMIES OF GREATER CLARK?**

In our rapidly changing 21st century world, students need to be more prepared than ever in order to be successful after high school. Recognizing this, Greater Clark County Schools embarked on a partnership with Ford Next Generation Learning to establish The Academies of Greater Clark to ensure all of our students are college and career ready. The academy model will provide small learning communities of students and teachers, organized around labor market demand, that will enable students to explore areas of interest; find their passion; and develop their critical thinking, creativity, communication and collaboration skills.

## FRESHMAN ACADEMY

Freshman Academy is for 9th grade students who will spend time discovering career opportunities and their own unique interests before choosing a home academy for their sophomore through senior years. The Freshman Academy will provide additional time to explore courses offered by the four academies.

## BUSINESS & ENTREPRENEURSHIP ACADEMY

Business & Entrepreneurship Academy offers students industry relevant experiences that will allow students creative platforms to produce ideas and products that propel the growth of local, state, national and global economy.

### Career Pathways:

- *Finance and Accounting*
- *Information Technology*
- *Business and Non-Profit Management*
- *Communication and Marketing (Radio/TV-Journalism)*

## HEALTH SERVICES ACADEMY

Health Services Academy provides students with the knowledge and skills to pursue this high demand industry.

### Career Pathways:

- *Patient Care*
- *Dental Services*
- *Pharmacy*
- *Bio-Medical Science (Project Lead the Way)*

## ENGINEERING & ADVANCED MANUFACTURING ACADEMY

Engineering & Advanced Manufacturing Academy is a high tech, high skill, high demand area that will help students generate their own jobs and opportunities.

### Career Pathways:

- *Engineering (Project Lead the Way)*
- *Advanced Manufacturing (Conexus)*
- *Logistics Management (Supply Chain)*
- *Building and Skilled Trades*

## PUBLIC SERVICE ACADEMY

Public Service Academy gives students the ability to apply their course work across an array of academic disciplines. Courses benefit both the community and students while encouraging students to serve others.

### Career Pathways:

- *Law and Public Safety (Lawyer, Police, Fire/EMT, Military)*
- *Education*
- *Hospitality and Agricultural Science*
- *Civic Arts (Visual and Performing)*



## HOW WILL THE ACADEMIES WORK?

In 9th grade, students will enter the Freshman Academy, which will provide the necessary skills to transition to high school and provide additional time to explore career interests and opportunities. Students will then select an academy for their sophomore through senior years. Students will take required courses in their academy for the majority of their school day, and will still be able to take courses in other areas of interest.

## CAN STUDENTS CHANGE ACADEMIES?

Our goal is not to have students feel "stuck." Students who believe they are in the wrong academy or find out that their passion lies in another academy will have the opportunity to move to another academy once during their high school career.

## WHAT IS FORD NEXT GENERATION LEARNING?

Ford NGL is the philanthropic non-profit arm of Ford Motor Company, which has helped many districts over the past 20 years to successfully transform their high schools. Ford NGL will help us learn from others' experiences and give us access to many resources, including: seminars, workshops and staff development; a proven planning process; and professional development opportunities. We are joining a collaborative network of districts all seeking to make the delivery of high school education more relevant, impactful and successful. We are fortunate to have been selected to become one of their partners, and their support will be funded primarily through business and organization sponsorships.

## WHAT IS THE FORD NEXT GENERATION LEARNING FRAMEWORK?

Ford NGL mobilizes educators, employers, and community leaders to prepare a new generation of young people who will graduate from high school ready for college, careers, and life - prepared to compete successfully in the 21st century economy. Three distinct but interconnected strands comprise the Ford NGL Framework, which enables whole communities to design and carry out a long-term plan for revitalizing education.





## **INDIANA CAREER EXPLORER (INCE) PLANNING TOOL**

<https://indianacareerexplorer.com/>

Indiana Career Explorer is a college and career readiness platform that helps connect academic achievement to post-secondary goals. We are pleased to introduce INCE to you and your family. *INCE* is a comprehensive website that you can use to help in making plans about courses, college, scholarships and careers. INCE is supported by the Indiana Dept. of Workforce Development and can be used by students, adults and parents.

*INCE* will allow you to explore the following:

- Indiana Career Explorer will help you explore a world of career possibilities, make decisions about your future, and prepare for the next step in your education and career planning journey.
- Today's job candidates require the right tools and information to secure a satisfying career and achieve success in the workforce. Indiana Career Explorer offers an effective solution to help you plan for a career, make a career change, and keep your career on track!
- Parents are the #1 influence on their child's education and career choices. Indiana Career Explorer supports parents in this critical role by allowing you to get directly involved in your child's education and career planning.

### **INTERNSHIPS**

Internships are work-based learning activities in which students engage in learning through practical and relevant experiences at various internship sites to prepare students for college and career. This strategy builds students' skills and knowledge in their chosen career path or furthers their study within the area of interest. Internships are targeted to the students' meaningful future plans and allow students to explore careers that require additional degrees, certification, or on-the-job training following high school.

Model internships are planned, structured, and evaluated by the intern, college and career coordinator, workplace mentor, and parents/guardians. Effective internships provide interns with the opportunities to develop an understanding of the career area duties and responsibilities, terminology, climate, protocol, and other information that will enable interns to analyze and revise their meaningful future plans.

### **Graduation Requirements – Courses/Credits**

The following pages review the courses/credits required to achieve a High School Diploma in the state of Indiana and for Greater Clark County Schools. Your school counselor will review these requirements with you multiple times during your time as a student here. Please place close attention to the charts and make sure you are meeting your requirements.

# DIPLOMA REQUIREMENTS

## Class of 2020 and beyond

<p style="text-align: center;"><b>CORE 40</b></p> <p>The recommended course of study by the IDOE- This diploma is for students who are seeking admission to any of Indiana's two or four year colleges and universities.</p>	<p style="text-align: center;"><b>CORE 40 TECHNICAL HONORS</b></p> <p>An extension of the CORE 40 diploma- A student must complete a career technical program and earn a state-recognized certification.</p>	<p style="text-align: center;"><b>CORE 40 ACADEMIC HONORS</b></p> <p>The most rigorous diploma offered- A curriculum of specific courses, which will prepare students for the rigor of college coursework.</p>
<p style="text-align: center;"><b>40 Credits</b> <b>No minimum GPA</b></p>	<p style="text-align: center;"><b>47 Credits</b> <b>3.0 minimum GPA</b> <b>C or above in all 47 credits</b></p>	<p style="text-align: center;"><b>47 Credits</b> <b>3.0 minimum GPA</b> <b>C or above in all 47 credits</b></p>
<p><b>English.....8 credits</b></p> <p><b>Math.....6-8 credits</b> (Algebra Two required) Math or Quantitative Reasoning course required all 4 years .(6 credits must be earned in grades 9-12.)</p> <p><b>Social Studies.....6 credits</b> (US History, Gov., Econ. and World History required)</p> <p><b>Science.....6 credits</b> (Biology &amp; Physical science required, 2 more credits from Biology, Chemistry Earth Space or Advanced Science)</p> <p><b>Physical Educ.....2 credits</b> (2 semesters)</p> <p><b>Health &amp; Wellness....1 credit</b></p> <p><b>Directed Electives...11 credits</b></p> <ul style="list-style-type: none"> <li>● Fine Arts</li> <li>● World Language</li> <li>● Career/Technical</li> </ul>	<p><b>English.....8 credits</b></p> <p><b>Math.....6-8 credits</b> (Algebra Two required) Math or Quantitative Reasoning course required all 4 years .(6 credits must be earned in grades 9-12.)</p> <p><b>Social Studies.....6 credits</b> (US History, Gov., Econ and World History required)</p> <p><b>Science.....6 credits</b> (Biology &amp; Physical science required, 2 more credits from Biology, Chemistry Earth Space or Advanced Science)</p> <p><b>Physical Educ.....2 credits</b> (2 semesters)</p> <p><b>Health &amp; Wellness.....1 credit</b></p> <p><b>Career Tech.....min 6 credits</b></p> <p><b>Directed Electives.....12 credits</b></p> <ul style="list-style-type: none"> <li>● Fine Arts</li> <li>● World Language</li> <li>● Career/Technical</li> </ul> <p><u><b>Complete One of the following:</b></u></p> <ol style="list-style-type: none"> <li>1. 6 DC's in Technical Area/Pathway</li> <li>2. State approved industry certification</li> </ol> <p style="text-align: center;"><b>AND</b></p> <p><u><b>Complete one of the following:</b></u></p> <ol style="list-style-type: none"> <li>1. Any one of the options (A-E) of the Core 40 with Academic Honors</li> <li>2. Earn Designated Scores on Work Keys or Accuplacer</li> </ol>	<p><b>English.....8 credits</b></p> <p><b>Math.....6-8 credits</b> (Algebra Two required) Math or Quantitative Reasoning course required all 4 years .(6 credits must be earned in grades 9-12.)</p> <p><b>Social Studies.....6 credits</b> (US History, Gov., Econ and World History required)</p> <p><b>Science.....6 credits</b> (Biology &amp; Physical science required, 2 more credits from Biology, Chemistry Earth Space or Advanced Science)</p> <p><b>Physical Educ.....2 credits</b> (2 semesters)</p> <p><b>Health &amp; Wellness...1 credit</b></p> <p><b>Fine Arts.....2 credits</b> (Art, Band, Choir, Music History, Theatre, Student Pubs)</p> <p><b>World Language.....6-8 Credits</b> (6 credits in one language)</p> <p><b>Directed Electives.....10 credits</b> <u><b>Complete One of the following:</b></u></p> <ul style="list-style-type: none"> <li>● 2 AP Courses</li> <li>● 6 college dual credits</li> <li>● 1 AP Course and 3 dual credits</li> <li>● 1750 on SAT reading/math/writing with minimum 530 on each section</li> <li>● 26 on ACT must take written portion</li> </ul>

## **Indiana Graduation Pathways Requirements**

To account for the rapidly changing, global economy, every K-12 student needs to be given the tools to succeed in some form of quality postsecondary education and training, including an industry recognized certificate program, an associate's degree program, or a bachelor's degree program.

Students in the graduating class of 2023 must satisfy all three of the following Graduation Pathway Requirements by completing one of the associated Pathway Options:

Graduation Requirements	Graduation Pathway Options
1) High School Diploma	Meet the statutorily defined diploma credit and curricular requirements
2) Learn and Demonstrate Employability Skills (Students must complete at least one of the following.)	Learn employability skills standards through locally developed programs. Employability skills are demonstrated by one the following: <ul style="list-style-type: none"><li>• Project-Based Learning Experience; OR</li><li>• Service-Based Learning Experience; OR</li><li>• Work-Based Learning Experience.</li></ul>
3) Postsecondary-Ready Competencies <sup>3</sup> (Students must complete at least one of the following.)	<ul style="list-style-type: none"><li>• Honors Diploma: Fulfill all requirements of either the Academic or Technical Honors diploma; OR</li><li>• ACT: College-ready benchmarks; OR</li><li>• SAT: College-ready benchmarks; OR</li><li>• ASVAB: Earn at least a minimum AFQT score to qualify for placement into one of the branches of the US military; OR</li><li>• State- and Industry-recognized Credential or Certification; OR</li><li>• Federally-recognized Apprenticeship; OR</li><li>• Career-Technical Education Concentrator<sup>4</sup>: Must earn a C average in at least two non-duplicative advanced courses (courses beyond an introductory course) within a particular program or program of study; OR</li><li>• AP/IB/Dual Credit/Cambridge International courses<sup>5</sup> or CLEP Exams: Must earn a C average or higher in at least three courses; OR</li><li>• Locally created pathway that meets the framework from and earns the approval of the State Board of Education.</li></ul>

## **State and National Testing**

All tenth grade students will participate in the Preliminary Scholastic Aptitude Test (**PSAT**) and eleventh grade students will participate in the Scholastic Aptitude Test (**SAT**) as well as have the option to take the Armed Services Vocational Aptitude Battery (ASVAB). The ACT and SAT will also be offered at other locations for a fee. Students will need to see their counselor for more information regarding testing.

## Advanced Placement

Students who choose to participate in the Advanced Placement courses will take the AP examination and earn transcribed AP credit. College Board Testing offers these examinations. If students score well on these tests, universities may offer them advanced placement in upper-class courses and/or grant them semester hours (credits) for those tests passed with specified scores. There will be a test fee for each AP exam.

### **New Washington High School Advanced Placement (AP) Courses**

AP Biology	AP Environmental Science
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### **New Washington High School Dual Credit Courses**

#### **Ivy Tech Community College**

Students may receive dual credit from Ivy Tech. These courses are provided free of charge to students. In order to receive dual credit from Ivy Tech, students will need to meet testing criteria through Knowledge Assessment, SAT, ACT or PSAT. Additionally students must complete a dual credit online application to Ivy Tech to receive dual credit (social security number is required to apply for dual credit at Ivy Tech). Once a student completes the Ivy Tech dual credit online application, he/she is eligible for all dual credits which he/she qualifies.

#### **Ivy Tech Dual Credit Classes**

English 11 Honors	Government Honors
English 12 Honors	Economics Honors
Speech (POL)	US History Honors
Psychology (POL)	Audio/Video Production Essentials
Calculus	Pre-Calculus Honors
Finite Mathematics	AP Biology
AP Environmental Science	Anatomy/Physiology
Biology II	Principles of Teaching
Spanish III	Spanish IV
Animal Science	Ag Power, Structure, Tech
Agribusiness Management	Adv Life Science, Animals

\*Courses offered for Dual Credit are based on teacher qualifications and staffing. These offerings are subject to change

### **College Certificate/Ivy Tech Degrees: NWHS**

Ivy Tech Community College and High Schools partner together to offer many Dual Credit courses. With proper course selections and by demonstrating college readiness, students may be able to complete the entire Indiana College Core (ICC) at their High School at no cost to the student.

The ICC prepares students for transfer to the bachelor-degree granting state institution of their choice. **If at least 30 credits are accumulated and a course from each category is completed, the ICC requirements have been met.** It is state-mandated that the entire block of 30 college credits will transfer to any public college/university in Indiana. This 30-credit hour block of courses is equivalent to a full year of college coursework. This achievement will be documented on their Ivy Tech transcript, and students will have the opportunity to participate in Ivy Tech's graduation even before their High School graduation! To help complete the ICC (which is also the first 30 credits of the Associates Degree in General Studies), high school students may also utilize courses held at the Ivy Tech Sellersburg campus for a special discounted rate.

<b>Ivy Tech Community College Indiana College Core (ICC) Course</b>	<b>High School Dual Credit Course Name State Approved Course Title)</b> (DOE	<b>DOE #</b>	<b>STGEC Credits Earned</b>	<b>STGEC Credits Planned</b>
<b>Written Communication (3 Credits Required)</b>				
ENGL 111 English Composition (3 credits)	English 11 Honors S1	1006		
<b>Speaking and Listening (3-6 Credits Required)</b>				
COMM 101 Fund. Of Public Speaking (3 credits)	Advanced Speech	1078		
<b>Quantitative Reasoning (3-12 Credits Required)</b>				
MATH 135 Finite Math (3 credits)	Finite Math	2530		
MATH 136 College Algebra (3 credits)	Pre-Calculus S1	2564		
MATH 137 Trig with Analytic Geometry (3 credits)	Pre-Calculus S2	2566		
MATH 211 Calculus I (4 credits)	Calculus	2544		
<b>Scientific Ways of Knowing (3-12 Credits Required)</b>				
BIOL 105 Biology I (5 credits)	Biology AP (must be 2 semesters)	3020		
BIOL 107 Biology II Diversity of Life	Advanced Science, College Credit	3090		
<b>Social and Behavioral Ways of Knowing (3-12 Credits Required)</b>				
ECON 101 Economics Fundamentals (3 credits)	Economics Honors	1514		
HIST 101 Survey of American History I (3 credits)	US History Honors S1	1562		
HIST 102 Survey of American History II (3 credits)	US History Honors S2	1562		
POLS 101 Introduction to American Government & Politics (3 credits)	US Government Honors	1560		
<b>Humanistic and Artistic Ways of Knowing (3-12 Credits Required)</b>				
ENGL 206 Introduction to Literature (3 credits)	English 12 Honors	1008		
SPAN 101 Spanish Level I (4 credits)	Spanish III S1	2124		
SPAN 102 Spanish Level II (4 credits)	Spanish III S2	2124		
SPAN 201 Spanish Level III (3 credits)	Spanish IV S1	2126		
SPAN 202 Spanish Level IV (3 credits)	Spanish IV S2	2126		
<b>Indiana College Core: 30 minimum credits needed</b>			<b>Earned:</b>	<b>Planned:</b>
			<b>Overall Total:</b>	

## **WEIGHTED GRADES**

Advanced Placement and Honors courses are considered “weighted” courses. The weight is not scaled to a grade for the course but is simply added to the final grade provided the student has earned credit for the course. Advanced Placement credit will be awarded only if the student sits for the AP test in the applicable course.

**Weighted factor: All Honors courses---1.0**

**All AP courses---2.0**

Calculation: At the end of the semester, the final grade calculation will be made by the student management system.

## **RE-TAKING A COURSE**

New Washington High School recognizes that there may be times when it is in the best interest of a student to re-take a specific course. The guidelines for re-taking a course are as follows:

- Only a course with a grade below a “C” can be repeated.
- Additional credit for re-taking the class will not be given.

## **GRADING SCALE**

- **A = 90-100; B = 80-89; C = 70-79; D = 60-69; F = 0-59**

## **GPA & WEIGHTED GRADES**

Both grades will be on the transcript and will be counted when calculating the student’s grade point average.

## **STUDENT ATHLETE ELIGIBILITY REQUIREMENT**

### **NCAA**

For students entering a NCAA Division I school the number of required full-year core courses is 16 (32 credits). The 16 units (32 credits) must include 4 years of English, 3 years of math (Algebra I or higher), 2 years of natural/physical science, 1 year of additional English, math or science, 2 years of social science, and 4 years of additional courses from any of the above areas or from foreign language, philosophy or comparative religion. Other requirements include minimum SAT Reasoning and ACT test scores that are determined by the student's cumulative GPA in core classes.

For students entering an NCAA Division 1 college or university on or after August 1, 2016 will need to meet new academic rules in order to receive athletics aid (scholarship), practice or compete their first year. This includes 10 of the 16 core courses must be complete before the seventh semester (senior year) of high school. 7 of those 10 courses must be in English, Math or Science. Minimum course GPA is 2.30. Prospective student-athletes should register with the eligibility center by their **junior year** of high school. Specific information about eligibility for all NCAA divisions can be found on the NCAA Eligibility Center website at [www.ncaaeligibilitycenter.org](http://www.ncaaeligibilitycenter.org).

Information on recruiting and eligibility can also be found on the NCAA website.

**Athletes must be aware that PLATO online courses for core areas will not be accepted through the NCAA Eligibility Center to participate at the collegiate level.**

### **NAIA**

For students entering an NAIA school they must meet two of the three following requirements.

1. Achieve a minimum of 18 on the ACT or 860 on the SAT.
2. Achieve a minimum overall high school GPA of 2.0 on a 4.0 scale.
3. Graduate in the top half of your high school classes.

Register with the NAIA Eligibility Center at [www.PlayNAIA.org](http://www.PlayNAIA.org).

## **ALTERNATIVE PHYSICAL EDUCATION CREDIT** **(ASPE)**

Greater Clark County Schools' students may earn physical education credit through an alternative supervised program (ASPE) during the fall, winter or spring sessions. ASPE does not count toward minimum course load requirements and IHSA eligibility.

ASPE has been approved only for the following activities:

All IHSA School Sponsored sports, including identified emerging sports

Cheerleading, Archery, Bowling

Marching Band\*, Winter Guard, Dance Team, STEP Team,, ROTC

- The application for ASPE is available from counselors or on the GCCS website. The application must be completed and signed by the student, parent, counselor, and coach/instructor.
- Students may earn a maximum of TWO (2) credits for ASPE (Physical Education II)
- Students must apply for each credit. Students will be limited to one (1) credit per sport season. Credit will be issued at the end of the semester.
- To receive one (1) credit, the student must participate in sixty (60) hours of direct instruction and **complete the entire sports season and finish the season in good standing.**
- The total sixty (60) hours and application must be completed and submitted to the guidance counselor by the due dates established at the school.

All students who complete the sixty (60) hours of direct instruction and complete the application process will receive an A for the physical education course and the grade will be issued by a licensed Physical Education teacher. Failure to provide the proper documentation, failure to meet the indicated deadlines, or participation in an activity/sport different from what was approved will result in no credit being issued. \*Students must choose whether to apply credit in the band/ROTC activity OR PE. Students may not be awarded credit in both simultaneously.

## **ALTERNATES**

Students must select an alternate (substitute) course for each elective. Students should exercise much care in choosing alternates since students may be scheduled into one or more alternative class selections.

## **SCHEDULE CHANGE/COURSE WITHDRAWAL POLICY**

**A request for a student schedule change MUST occur within the first two (2) weeks of the course.** After that time, any changes, other than programmatic changes, will result in the grade of **F** in the dropped course. Programmatic changes result when a teacher recommends that a student be moved to another level or class. In general, schedule change requests will only be granted for valid educational reasons (i.e., seniors needing course for graduation, scheduled into a course for which credit has already been granted, etc.). A “Withdrawn Failure (WF)” grade will be used for any student whose program is changed by a teacher or administrator from a traditional course of study to an alternative course of study.

### **Online Courses**

New Washington High School has a minimal selection of online courses in which students can enroll for the following purposes: (1) the student needs to recover a credit (2) the student would like to take a course not currently offered at NW (3) the student needs a core and/or elective class that cannot fit into his regular schedule. Students must see the counselor in order to enroll in any online course.



## **Early Graduation Procedure**

It is the belief of Greater Clark County Schools that the majority of students benefit by completing eight semesters of high school, and it is not in the best interest of most students to graduate early. However, students with extenuating circumstances may apply to graduate in fewer than eight semesters under the following guidelines:

Students may graduate **after 7 semesters** if:

- They demonstrate financial need, or
- They intend to start college a semester early in a program not serviced through GCCS Early College, or
- They are furthering their education through military enlistment and they have an enlistment contract that contains an education component, or
- They require special accommodations that cannot be serviced by any GCCS program.

Students may graduate **earlier than 7 semesters** if:

- They are furthering their education through military enlistment and they have an enlistment contract that contains an education component, or
- They intend to pursue the Mitch Daniels 6 semester Early Graduation Scholarship. Students are reminded that the GCCS Early College Dual Credit program may offer similar advantages. These students should indicate interest in 6 semester graduation during grade 10 in order to be scheduled for all requirements during grade 11.

Students requesting graduation in less than 8 semesters should do so when registering for their junior/senior year classes. An in-person parent conference with the student's counselor will be required as a component of application submission. Students requesting accelerated graduation later than this will not be denied solely on the basis of the timing of request. Official diplomas will not be awarded until the end of the school year. Students seeking accelerated graduation must petition their guidance counselor who will assist them in completing the GCCS Early Graduation Application. Once the application is complete, the counselor will gain approval from the principal or their designee.

## **The Mitch Daniels Early Graduation Scholarship**

There is a new scholarship for students who graduate from a publicly supported high school at least one year early. For more information go to: <http://www.in.gov/ssaci/2504.htm>

## The time to start planning is now!

### Every class and every year are important!

Make wise decisions as you prepare for your life's work. This special edition is designed to provide information about the many opportunities high school has to offer you. You must plan carefully to take advantage of the courses and pathways available to you. You and your parents should review and discuss the choices that are available and then make decisions that will best prepare you for the opportunities that await you after graduation. You are encouraged to become involved in all aspects of school life at NWHS. We, along with your parents, are here to help you make wise decisions. Good luck!

#### Four Year Plan

9 <sup>th</sup> Grade		10 <sup>th</sup> Grade	
English:	English:	English:	English:
Math:	Math:	Math:	Math:
Science:	Science:	Science:	Science:
Prep College/Careers	Prep College/Careers	World History:	World History:
PE	PE	Pathway Course	
11 <sup>th</sup> Grade		12 <sup>th</sup> Grade	
English:	English:	English:	English:
Math:	Math:	Econ/Gov't.	Econ/Gov't.
Science	Science	Math or QR	Math or QR
U.S. History:	U.S. History:	Pathway Course	
Pathway Course			

## NWHS Pathway Course Sequences for the Classes of 2024 and Beyond

### Business & Entrepreneurship Academy

#### ***Accounting***

High School Grade Level	Course Name	Notes
Sophomore (NWHS)	Principles of Business Management	
Junior (NWHS)	Accounting Fundamentals	
Senior (NWHS)	Advanced Accounting	

#### ***Radio/TV***

High School Grade Level	Course Name	Notes
Sophomore (NWHS)	Principles of Broadcasting	
Junior (NWHS)	Audio/Video Production Essentials	
Senior (NWHS)	Mass Media Performance	

#### ***Computer Programming/Databases***

High School Grade Level	Course Name	Notes
Prosser	Principles of Computing	
Prosser	Topics in Computer Science	
Prosser	Computer Science	

#### ***Networking***

High School Grade Level	Course Name	Notes
Prosser	Principles of Computing	
Prosser	Information Technology Fundamentals	
Prosser	Networking Fundamentals	

***Business Administration***

<b>Grade Level</b>	<b>Course Name</b>	<b>Notes</b>
Sophomore (NWHS)	Principles of Business Management	
Junior (NWHS)	Marketing Fundamentals	
Seniors (NWHS)	Accounting Fundamentals	

**Engineering & Advanced Manufacturing Academy*****Construction Trades***

<b>Grade Level</b>	<b>Course Name</b>	<b>Notes</b>
Prosser	Principles of Construction Trades	
Prosser	Construction Trades: General Carpentry	
Prosser	Surveying	

***Heavy Equipment***

<b>Grade Level</b>	<b>Course Name</b>	<b>Notes</b>
Prosser	Principles of Construction Trades	
Prosser	Heavy Equipment Fundamentals	
Prosser	Advanced Heavy Equipment Operations	

***Electrical***

<b>Grade Level</b>	<b>Course Name</b>	<b>Notes</b>
Prosser	Principles of Construction Trades	
Prosser	Electrical Fundamentals	

Prosser	Advanced Electrical	
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### ***HVAC***

Grade Level	Course Name	Notes
Prosser	Principles of HVAC	
Prosser	HVAC Fundamentals	
Prosser	HVAC Service	

### ***Machine Technology***

Grade Level	Course Name	Notes
Prosser	Principles of Precision Machining	
Prosser	Precision Machining Fundamentals	
Prosser	Advanced Precision Machining	

### ***Welding***

Grade Level	Course Name	Notes
Prosser	Principles of Welding Technology	
Prosser	Shielded Metal Arc Welding	
Prosser	Gas Welding Processes	

### ***Automotive Collision***

Grade Level	Course Name	Notes
Prosser	Principles of Collision Repair	
Prosser	Automotive Body Repair	
Prosser	Plastic Body Repair and Painting Fundamentals	

***Automotive Services Technology***

<b>Grade Level</b>	<b>Course Name</b>	<b>Notes</b>
Prosser	Principles of Automotive Services	
Prosser	Brake Systems	
Prosser	Steering and Suspension	

***Diesel***

<b>Grade Level</b>	<b>Course Name</b>	<b>Notes</b>
Prosser	Principles of Diesel Services	
Prosser	Diesel Steering and Brakes	
Prosser	Diesel Transmissions	

***Aviation Flight & Operations***

<b>High School Grade Level</b>	<b>Course Name</b>	<b>Notes</b>
Prosser	Principles of Aviation Management	
Prosser	Private Pilot Theory	
Prosser	Aviation Safety and Operations	

***Architecture***

<b>High School Grade Level</b>	<b>Course Name</b>	<b>Notes</b>
Prosser	Principles of Architecture, Engineering, & Construction	
Prosser	Construction Trades: General Carpentry	
Prosser	Surveying	

## Health Service Academy

### ***Nursing***

High School Grade Level	Course Name	Notes
Prosser	Principles of Healthcare	
Prosser	Medical Terminology	
Prosser	Healthcare Specialist: CNA	

### ***Pharmacy***

High School Grade Level	Course Name	Notes
Prosser	Principles of Healthcare	
Prosser	Medical Terminology	
Prosser	Pharmacy Tech	

### ***Dental***

High School Grade Level	Course Name	Notes
Prosser	Principles of Dental Careers	
Prosser	Dental Careers Fundamentals	
Prosser	Advanced Dental Careers	

### ***Sports Medicine***

High School Grade Level	Course Name	Notes
Sophomore (NWHS)	Principles of Exercise Science	
Junior (NWHS)	Kinesiology	
Senior (NWHS)	Human Performance	



## Public Service Academy

### ***Horticulture & Landscape***

High School Grade Level	Course Name	Notes
Prosser	Principles of Agriculture	
Prosser	Horticultural Science	
Prosser	Landscape and Turf Management	

### ***Cosmetology***

High School Grade Level	Course Name	Notes
Prosser	Principles of Barbering and Cosmetology	
Prosser	Barbering and Cosmetology Fundamentals	
Prosser	Advanced Cosmetology	

### ***Criminal Justice***

High School Grade Level	Course Name	Notes
Prosser	Principles of Criminal Justice	
Prosser	Law Enforcement Fundamentals	
Prosser	Corrections and Cultural Awareness	

### ***Fire & Rescue***

High School Grade Level	Course Name	Notes
Prosser	Principles of Fire & Rescue	
Prosser	Fire Fighting Fundamentals	
Prosser	Advanced Fire Fighting	

***Ag Mechanical and Engineering***

High School Grade Level	Course Name	Notes
Sophomore (NWHS)	Principles of Agriculture	
Junior (NWHS)	Agriculture Power, Structure and Technology)	
Senior (NWHS)	Ag Structures, Fabrication, & Design	

***Agriscience - Animals***

High School Grade Level	Course Name	Notes
Sophomore (NWHS)	Principles of Agriculture	
Junior (NWHS)	Animal Science	
Senior (NWHS)	Adv Life Sci, Animals	

***Culinary Arts***

High School Grade Level	Course Name	Notes
Prosser	Principles of Culinary & Hospitality	
Prosser	Nutrition	
Prosser	Culinary Arts	

***Early Childhood***

High School Grade Level	Course Name	Notes
Prosser	Principles of Early Childhood Education	
Prosser	Early Childhood Education Curriculum	
Prosser	Early Childhood Education Guidance	

**Education Careers**

High School Grade Level	Course Name	Notes
Sophomore	Principles of Teaching	
Junior	Child/Adolescent Development	
Senior	Teaching and Learning	

## NWHS Master Course List 2023-24

### Language Arts

English 9

English 9 Honors

English 10

English 10 Honors

English 11

English 11 Honors (DC)

English 12

English 12 Honors (DC)

Speech (DC)

Principles of Broadcasting

Audio/Video Production Essentials (DC)

Mass Media

### Mathematics

Algebra I

Algebra I Honors

Geometry

Geometry Honors

Algebra II

Algebra II Honors

Finite Math (DC)

Pre-Cal/Trig (DC)

Calculus (DC)

### Science

Int Chem/Physics

Biology I

Chemistry I

Earth/Space Sci

Biology II (DC)

AP Environmental Science (DC)

Principles of Exercise Science

Kinesiology

Health Science Education II

Physics (online)

### Social Studies

World Hist/Civ

US History

US History Honors (DC)

US Government

US Government Honors (DC)

Economics

Economics Honors (DC)

Psychology Honors (DC)

### Health/PE

Health

Sec PE I

Sec PE II

Elective PE

### Spanish

Spanish I

Spanish II

Spanish III (DC)

Spanish IV (DC)

### Business

Prin of Bus Mngmnt

Accounting Fundamentals

Advanced Accounting

Management Fundamentals

Dig Apps/Respon

### Fine Arts

Chorus

Band

Theatre Arts I

Student Media I

Student Media II

Intro to Art

Advanced Art

### Agriculture

Principles of Agriculture

Animal Science

Ag Power, Str, Tech

Agribus Mngmnt

Ag Fabrication/Design

**Education**

Peer Tutoring

Adv Life Sci, Animals

Student Assistant

Supervised Ag Exp

Principles of Teaching

**College/Career**

Capstone (DC) (AGS only)

Credit Recovery

Prep for College/Careers

Prosser Career Center

Work Based Learning

## **Prosser Courses Grades 11-12 Only**

Prosser Career Education Center provides high-quality career and technical education (CTE) programs for high school students throughout southern Indiana. With an average enrollment of 1,350 students enrolled in 24 different career preparation programs, Prosser is the largest career center in the state of Indiana. Prosser students have the opportunity to earn multiple college credits and nationally recognized certifications for successfully completing the CTE program. With proper planning, students can earn the Technical and/or Academic Honor's diploma.

Junior and senior students will attend Prosser for half of the instructional school day, while the other half of the instructional day will be utilized to complete academic requirements at the home school. Most programs offer two years of career preparation training, but many students will choose to attend for only one year. Students complete Intent-to-Enroll forms in early spring the year before they will attend. Students wanting to attend Prosser need to meet with their home school counselor to ensure the Prosser career program matches future goals as well as desired diploma type.

For more information about each program, including dual college credit and certification opportunities, go to [www.prossercareers.com](http://www.prossercareers.com)

## **Prosser Course Offerings**

### **Career Cluster: Advanced Manufacturing**

#### **1. Industrial Automation and Robotics**

Description:	In this program students will learn about today's industrial & manufacturing technologies in a hands-on environment. Students will learn about industrial safety, basics of electricity, fluid power, mechanical principles, AutoCAD, blueprint reading, industrial control wiring, motor controls, PLC's, 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.
Junior Year:	7108 Principles of Advanced Manufacturing 7103 Advanced Manufacturing Technology 7106 Mechatronics Systems
Senior Year:	2022 - 5688 Industrial Technical Maintenance II 2023 - 7224 Industrial Automation and Robotics Capstone
Dual Credits:	Ivy Tech
Certifications:	

#### **2. Precision Machining**

Description:	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 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.
Junior Year:	7109 Principles of Precision Machining 7105 Precision Machining Fundamentals 7107 Advanced Precision Machining
Senior Year:	2022 - 5784 Precision Machining II 2023 - 7219 Precision Machining Capstone
Dual Credits:	Vincennes
Certifications:	

#### **3. Welding Technology**

Description:	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. This program includes classroom and lab experiences that lead students to AWS Certifications.
Junior Year:	7110 Principles of Welding Technology 7111 Shielded Metal Arc Welding 7101 Gas Welding Processes
Senior Year:	2022 - 5778 Welding Technology II 2023 - 7226 Welding Technology Capstone
Dual Credits:	Ivy Tech
Certifications:	

## **Career Cluster: Agriculture, Food, and Natural Resources**

### **4. Landscaping**

Description:	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.
Junior Year:	7117 Principles of Agriculture 5132 Horticultural Science 7115 Landscape and Turf Management
Senior Year:	2022/ 2023 - 7234 Landscape Management Capstone
Dual Credits:	Vincennes
Certifications:	

## **Career Cluster: Architectural and Construction**

### **5. Civil Construction (Heavy Highway)**

Description:	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. Curriculum includes knowledge of safety and preventative maintenance, surveying, road construction, and basic earthwork construction.
Junior Year:	7130 Principles of Construction Trades 7121 Civil Construction Fundamentals 7118 Advanced Civil Construction
Senior Year:	2022 - 5495 Construction Trades: Heavy Equipment II 2023 - 7240 Civil Construction Capstone
Dual Credits:	Ivy Tech
Certifications:	<b>NCCER Core, Operator 1, Operator 2</b>

### **6. Construction Trades - Carpentry**



Description:	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 <i>Builders' Ridge</i> subdivision to be sold on the open real estate market.
Junior Year:	7130 Principles of Construction Trades 7123 Construction Trades: General Carpentry 7122 Construction Trades: Framing and Finishing
Senior Year:	2022 - 5578 Construction Trades II 2023 - 7242 Construction Trades Capstone
Dual Credits:	Ivy Tech
Certifications:	<b>NCCER Core, Carpentry Level 1, Carpentry Level 2</b>

## 7. Construction Trades - Electrical

Description:	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 Associates Degree with Vincennes University can be achieved through this same program. All on our campus.
Junior Year:	7130 Principles of Construction Trades 7124 Electrical Fundamentals 7119 Advanced Electrical
Senior Year:	2022 - 5688 Industrial Technical Maintenance II 2023 - 7263 Construction Trades Electrical Cap
Dual Credits:	Ivy Tech
Certifications:	<b>NCCER Electrical 1</b>

## 8. Construction Trades - HVAC

Description:	HVAC students learn all aspects of the fundamentals of residential and commercial HVAC. Curriculum will focus on the skills and knowledge required for trouble-shooting, 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.
Junior Year:	7131 Principles of Heating, Ventilation, and Air Conditioning (HVAC) 7125 HVAC Fundamentals 7126 HVAC Service

Senior Year: 2022 - 5498 Construction Trades: HVAC II  
2023 - 7244 HVAC Capstone  
Dual Credits: Ivy Tech  
Certifications:

### **Career Cluster: Arts, AV Tech and Communication**

#### **9. Digital Design (Interactive Media) - One Year Program**

Description: Interactive media students study the creation of digitally generated or enhanced projects using the most current industry base software available. Students will learn to manipulate text, photos, graphics, animations, sound, and video into creative projects. Studies also include professional business practices, the importance of ethics, communication skills, teamwork and making deadlines. This is a one year course.

Junior Year: 7140 Principles of Digital Design  
7141 Digital Design Graphics  
7138 Interactive Media Design

Senior Year: No Second Year

Dual Credits: No Dual Credits

Certifications: No Certifications

### **Career Cluster: Business Management**

#### **10. Entrepreneurship/ Marketing and Finance**

Description: 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 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, participate in teamwork, public speaking, pitching, tours, guest speakers, and workshops.

Junior Year: Entrepreneurship Pathway  
7154 Principles of Entrepreneurship  
7148 New Venture Development  
7147 Small Business Operation

Senior Year: Strategic Marketing Pathway  
4562 Principles of Business Management  
5914 Marketing Fundamentals  
5918 Strategic Marketing

Dual Credits: Ivy Tech

Certifications:

### **Career Cluster: Education and Training**

#### **11. Early Childhood**

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

Junior Year:	7160 Principles of Early Childhood Education 7158 Early Childhood Education Curriculum 7159 Early Childhood Education Guidance
Senior Year:	2022 Same as above 2023 Unknown at this point
Dual Credits:	Ivy Tech (In Development)
Certifications:	

## **Career Cluster: Health Sciences**

### **12. Health Careers**

Description:	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. 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.
Junior Year:	7168 Principles of Health 5274 Medical Terminology 7166 Healthcare Specialist: CNA
Senior Year:	Still in Development
Dual Credits:	Ivy Tech
Certifications:	

### **13. Central Service Technician (Sterile Processing)**

Description:	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.
Junior Year:	7168 Principles of Health 5274 Medical Terminology 7163 Central Service Technician Fundamentals
Senior Year:	2022/ 2023: 7257 Central Service Technician Capstone
Dual Credits:	Ivy Tech
Certifications:	

### **14. Dental Careers**

Description:	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.
Junior Year:	7315 Principles of Dental Careers 7316 Dental Careers Fundamentals 7317 Advanced Dental Careers

Senior Year: 2022: 5204 Dental Careers II  
2023: 7318 Dental Careers Capstone  
Dual Credits: Ivy Tech  
Certifications:

## **15. Pharmacy Technician (Taught After Regular School Hours)**

Description: 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 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 emphasis on the development of problem-solving skills for safe pharmacy practices.

Junior Year: 7168 Principles of Healthcare  
5274 Medical Terminology  
7167 Pharmacy Tech

Senior Year:  
Dual Credits:  
Certifications:

### **Career Cluster: Hospitality**

## **16. Culinary Arts**

Description: 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.

Junior Year: 7173: Principles of Culinary and Hospitality  
7171: Nutrition  
7169: Culinary Arts

Senior Year: 2022: 5458 Culinary Arts and Hospitality II: Hospitality Management  
2023: 7233 Culinary Arts Capstone

Dual Credits: Vincennes  
Certifications:

### **Career Cluster: Human Services**

## **17. Cosmetology**

Description: 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 the two-year period to be eligible to test for the Indiana Cosmetology License.

Junior Year: 7330 Principles of Cosmetology  
7331 Cosmetology Fundamentals  
7332 Advanced Cosmetology

Senior Year: 2022: 5806 Cosmetology II  
2023: 7334 Cosmetology Capstone

Dual Credits: Vincennes

Certifications: **State Boards**

## **Career Cluster: Information Technology**

### **18. Cyber Security “Information Technology Operations”**

Description: In this course, students will learn fundamental cybersecurity topics including computer repair, the basics of cryptography, software security, networking fundamentals, 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.

Junior Year: 7183 Principles of Computing  
7180 Information Technology Fundamentals  
7181 Networking and Cybersecurity Operations

Senior Year: 2022: 5245 Networking II: Cybersecurity Capstone  
2023: 7249 Cybersecurity Operations Capstone

Dual Credits: Ivy Tech

Certifications:

### **19. Software Development (Programming)**

Description: 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. 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.

Junior Year: 7183 Principles of Computing  
7185 Website and Database Development  
7184 Software Development

Senior Year: 2022: 5250 Computer Science III: Databases  
2023: 7253 Software Development Capstone

Dual Credits: Ivy Tech

Certifications:

### **20. Networking**

Description: 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.

Junior Year: 7183 Principles of Computing  
7180 Information Technology Fundamentals  
7182 Networking Fundamentals

Senior Year: 2022: 4588 Networking II: Infrastructure  
2023: 7251 Networking Capstone

Dual Credits: Vincennes

Certifications:

## **Career Cluster: Public Safety**

### **21. Criminal Justice**

Description: 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, 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.

Junior Year: 7193 Principles of Criminal Justice  
7191 Law Enforcement Fundamentals  
7188 Corrections and Cultural Awareness

Senior Year: 2022: 5824 Criminal Justice II  
2023: 7231 Criminal Justice Capstone

Dual Credits: Vincennes

Certifications:

### **22. Fire Rescue and EMT**

Description: 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.

Junior Year: 7195 Principles of Fire and Rescue  
7189 Fire Fighting Fundamentals  
7186 Advanced Fire Fighting

Senior Year: 2022: 5826 Fire and Rescue II  
2023: 7229 Fire and Rescue Capstone - EMT Certification

Dual Credits: Ivy Tech

Certifications: **Firefighter I, Firefighter II**

## **Career Cluster: STEM**

### **23. Design Technology (Drafting)**

Description: 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 2D drafting to 3D modeling. This course will utilize the most current computer-aided design (CAD) and 3D modeling software available.

Junior Year: 4802 Introduction to Engineering Design  
7196 Mechanical and Architectural Design  
7197 BIM Architecture

Senior Year: 2022: 5652 Architectural Drafting and Design II  
2023: 7225 Architectural Design Capstone

Dual Credits: Ivy Tech

Certifications:

## **Career Cluster: Transportation, Distribution, and Logistics**

### **24. Automotive Services**

Description:	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.
Junior Year:	7213 Principles of Automotive Services 7205 Brake Systems 7212 Steering and Suspensions
Senior Year:	2022: 5546 Automotive Services Technology II 2023: 7375 Automotive Service Capstone
Dual Credits:	Vincennes
Certifications:	

### **25. Automotive Collision Repair**

Description:	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.
Junior Year:	7215 Principles of Collision Repair 7204 Automotive Body Repair 7206 Plastic Body Repair and Paint Fundamentals
Senior Year:	2022: 5544 Automotive Collision Repair II 2023: 7380 Collision Repair Capstone
Dual Credits:	Vincennes
Certifications:	<b>ICAR</b>

### **26. Aviation Careers**

Description:	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.
Junior Year:	7214 Principles of Aviation Management 7217 Private Pilot Theory 7207 Aviation Safety and Operations
Senior Year:	2022: 5524 Aviation Flight 2023: 7218 Aviation Management Capstone (Unsure how this will look)
Dual Credits:	Vincennes
Certifications:	

### **27. Diesel Services**



Description:	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.
Junior Year:	7216 Principles of Diesel Technology 7210 Diesel Steering and Brakes 7211 Diesel Transmissions
Senior Year:	2022: 5624 Diesel Service Technology II 2023: 7221 Diesel Services Capstone
Dual Credits:	Vincennes
Certifications:	

**Students who wish to pursue a Prosser/Vincennes University Early College certificate or degree or an Ivy Tech Certificate or degree should strive to enroll in as many high school dual credit courses as possible prior to graduation.**

**Some suggested courses, or their equivalents, which Prosser students should take at their home high school are:**

- ENGL 101 - English Composition I (3 hrs.)
- 100-Level or higher Mathematics (3 hrs.)
- Social Science Elective (3 hrs.) such as History, Psychology, or Sociology
- COMM 143 – Speech (3 hrs.)

**Visit our website for more information: [www.prossercareers.com](http://www.prossercareers.com)**