

Jeffersonville High School

2025-2026

COURSE DESCRIPTION GUIDE

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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.



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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 Jeffersonville High School Course Description Guide is a valuable tool for assisting families with appropriate course selections for the 202-2026 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 stay informed regarding the requirements for graduation from Jeffersonville High School. Every student must earn a Core 40 diploma **AND** complete one of the Indiana Graduation Pathways to receive a diploma. Graduation Pathway components include: Employability Skills, Project-Based Learning, Service-Based Learning, Work-Based Learning and Postsecondary-Ready Competency.

We encourage students to earn a Technical Honors and/or the Academic Honors Diploma with the Core 40 diploma. Specific diploma requirements and course sequences are in this guide. Our counselors will work with all students to ensure proper course selections.

All students are part of one of five career academies each with a focused plan of curriculum. Creating these smaller school environments within our large school offers tremendous opportunities for all students. Families are encouraged to discuss career aspirations and goals before selecting courses. Students should select courses that are of interest and meet their educational goals. It is important to select courses carefully because schedule changes are held to an absolute minimum once the master schedule is finalized.

We encourage parents and students to work together in choosing a career pathway and course of study. Collaboration among parents, students, teachers, and counselors will help provide the support students need in their journey to reach personal potential.

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

Sincerely,

Jeffersonville High School Administration

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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:

- *Business Administration*
- *Digital Design*
- *Finance and Investment*
- *Information Technology (Computer Science & Software Development)*
- *Marketing & Sales*

HEALTH SERVICES ACADEMY

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

Career Pathways:

- *Biomedical Sciences & Technology (Project Lead the Way)*
- *Dental Services*
- *Exercise Science*
- *Pharmacy*
- *Pre-Nursing*

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:

- *Construction*
- *Engineering (Project Lead the Way)*
- *Welding/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:

- *Education*
- *Hospitality Management*
- *Human & Social Services*
- *Law and Public Safety (Lawyer, Police, Fire/EMT, Military)*
- *Radio TV & Broadcasting*

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.

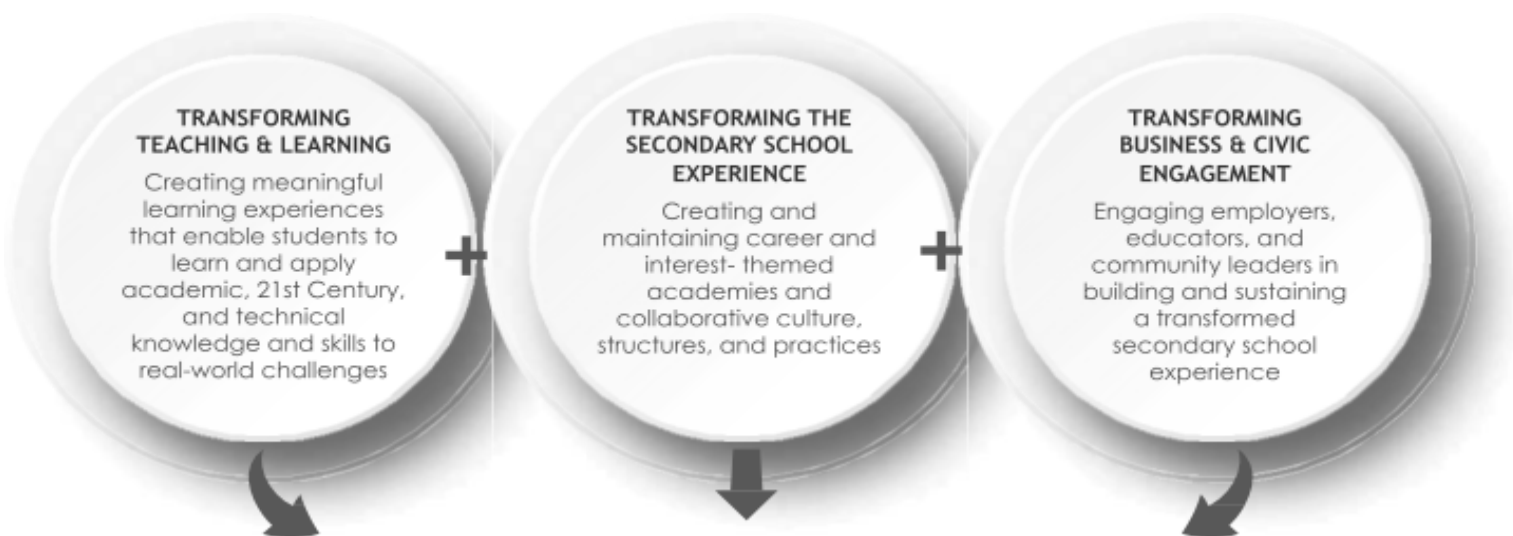
WHAT IS FORD NEXT GENERATION LEARNING?

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.

NEXT GENERATION LEARNERS





In Greater Clark, we believe all students need to learn and master the work ethic skills necessary to succeed in school and in life. As a result, we have created a PRIDE[®] program that teaches and positively reinforces **Persistence, Respectfulness, Initiative, Dependability, and Efficiency** to all of our students on a daily basis from preschool through 12th grade. The PRIDE[®] program was developed by a team of educators in cooperation with business and community leaders. The goal of PRIDE is to build students of strong character who will not only strengthen our school district, but eventually our entire community.

PRIDE[®] COMPONENTS

1. Behavior matrix which explains specific behavior expectations at school.
2. Direct and on-going teaching of behavioral expectation.
3. PRIDE[®] acknowledge system to positively reinforce appropriate behavior.
4. Progressive consequences for inappropriate behavior.
5. Data collection to decide on further lessons and other interventions.

GOVERNOR'S WORK ETHIC CERTIFICATE

As a culminating acknowledgment of PRIDE[®], Greater Clark County Schools created the Work Ethic Certificate, which is now the model for the Governor of Indiana's Work Ethic Certificate. The certificate, which can be earned by seniors, is recognized by many area employers and organizations who provide specific benefits to seniors who have earned the certificate. To earn the certificate, a senior must possess PRIDE[®] skills, have 98 percent attendance, have no more than one behavioral referral, have six hours of school or community service, and graduate with at least a "C" grade point average.

Fifth grade and eighth grade students also have the opportunity to earn the certificate by following the same criteria as seniors, with less required school or community service hours (eighth grade - four hours and fifth grade - two hours). In addition, fifth grade students must earn a PRIDE[®] score of at least seven out of eight possible points. The score measures a student's level of proficiency in **Persistence, Respectfulness, Initiative, Dependability and Efficiency** as determined by their classroom teacher.

Internships

Internships are paid 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. Internships require a student to complete two consecutive career or technical courses in their interest area, maintain a high academic standards and attendance standards.

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 pay close attention to the charts and make sure you are meeting your requirements.

Due to state legislation passed on December 11, 2024, the graduation requirements for the Class of 2029 and beyond have been updated. See page 12 for GCCS initial diploma programming plan. Course offerings and sequences are subject to change as the state continues to finalize the policies and guidelines. We encourage students and families to stay informed by regularly consulting with school counselors and reviewing updated information provided by the school district or Indiana Department of Education.

Diploma Requirements for Graduating Classes of 2026-2028



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

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

Schools may have additional local graduation requirements that apply to all students (not required for students with an IEP).

* Specifies the number of electives required by the state. High school schedules provide time for many more electives during the high school years. All students are strongly encouraged to complete a College and Career Pathway (selecting electives in a deliberate manner) to take full advantage of career and college exploration and preparation opportunities.

**SAT scores updated September, 2017

***WorkKeys assessment titles updated, 2018

CORE40 with Academic Honors (minimum 47 credits)

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

- Complete all requirements for Core 40.
- Earn 2 additional Core 40 math credits.
- Earn 6-8 Core 40 world language credits (6 credits in one language or 4 credits each in two languages).
- Earn 2 Core 40 fine arts credits.
- Earn a grade of a "C" or better in courses that will count toward the diploma.
- Have a grade point average of a "B" or better.
- Complete one of the following:
 - A. Earn 4 credits in 2 or more AP courses and take corresponding AP exams
 - B. Earn 6 verifiable transcribed college credits in dual credit courses from the approved dual credit list.
 - C. Earn two of the following:
 1. A minimum of 3 verifiable transcribed college credits from the approved dual credit list,
 2. 2 credits in AP courses and corresponding AP exams,
 3. 2 credits in IB standard level courses and corresponding IB exams.
 - D. Earn a composite score of 1250 or higher on the SAT and a minimum of 560 on math and 590 on the evidence based reading and writing section.**
 - E. Earn an ACT composite score of 26 or higher and complete written section
 - F. Earn 4 credits in IB courses and take corresponding IB exams.

CORE40 with Technical Honors (minimum 47 credits)

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

- Complete all requirements for Core 40.
- Earn 6 credits in the college and career preparation courses in a state-approved College & Career Pathway and one of the following:
 1. Pathway designated industry-based certification or credential, or
 2. Pathway dual credits from the approved dual credit list resulting in 6 transcribed college credits
- Earn a grade of "C" or better in courses that will count toward the diploma.
- Have a grade point average of a "B" or better.
- Complete one of the following,
 - A. Any one of the options (A - F) of the Core 40 with Academic Honors
 - B. Earn the following minimum scores on WorkKeys: Workplace Documents, Level 6; Applied Math, Level 6; and Graphic Literacy, Level 5.***
 - C. Earn the following minimum score(s) on Accuplacer: Writing 80, Reading 90, Math 75.
 - D. Earn the following minimum score(s) on Compass: Algebra 66 , Writing 70, Reading 80.

Diploma Requirements for Class of 2029 and beyond

English	8 credits	<ul style="list-style-type: none"> ● 2 credits: English 9 ● 2 credits: English 10/Communications or AP ● 2 credits: English 11 or AP ● 2 credits: English 12 or AP
Math	7 credits (4 earned in HS, QR in Gr 11 or 12) 8 credits Enroll Seal	<ul style="list-style-type: none"> ● 2 credits: Algebra 1 ● 2 credits: Geometry ● 2 credits: Algebra II ● 1 credit: Personal Finance ● *1credit: Adv Math for Enroll Seal
Science	7 credits	<ul style="list-style-type: none"> ● 2 credits: Biology ● 4 credits: ICP/Chem, Earth Sp, Adv Sci, *PBS *Chem required for Enroll H ● 1 credit: Computing Foundations
Social Studies	5 credits base 6 credits Enroll Seal	<ul style="list-style-type: none"> ● 2 credits: US History ● 1 credit: US Government ● 2 credits: Wld History ● *1 credit: Economics/ addtl SS for Enroll Seal
PE/Health	2 credits	<ul style="list-style-type: none"> ● 1 credit: Physical Education ● 1 credit: Health
College Careers	1 credit	<ul style="list-style-type: none"> ● 1 credit: Prep for College & Careers
Directed Electives	6 credits	<ul style="list-style-type: none"> ● 6 credits in CTE Pathway required for Base Diploma ● 4 credits in WL for Enroll Seal
Addtl Electives	6 credits	
Total	42 credits	

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 and beyond 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"> • Project-Based Learning Experience; OR • Service-Based Learning Experience; OR • Work-Based Learning Experience.
3) Postsecondary-Ready Competencies (Students must complete at least one of the following.)	<ul style="list-style-type: none"> • Honors Diploma: Fulfill all requirements of either the Academic or Technical Honors diploma; OR • ACT: College-ready benchmarks; OR • SAT: College-ready benchmarks; OR • ASVAB: Earn at least a minimum AFQT score to qualify for placement into one of the branches of the US military; OR • State- and Industry-recognized Credential or Certification; OR • Federally-recognized Apprenticeship; OR • Career-Technical Education Concentrator: Must earn a C average within a particular program or program of study; OR • AP/IB/Dual Credit/Cambridge International courses⁵ or CLEP Exams: Must earn a C average or higher in at least three courses; OR • Locally created pathway that meets the framework from and earns the approval of the State Board of Education.

State and National Testing

All tenth grade students will participate in the Preliminary Scholastic Aptitude Test (PSAT) and all 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 (AP)

Students who choose to participate in the Advanced Placement courses should take the AP examination in order to 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.

Jeffersonville High School's Advanced Placement (AP) Courses

AP 2D Art & Design	AP Environmental Science
AP 3D Art & Design	AP Language and Composition
AP Biology II	AP Literature and Composition
AP Calculus AB	AP Music Theory
AP Calculus BC	AP Physics I
AP Comparative Government & Politics	AP Statistics
AP Computer Science Principles	AP United States Government
AP Economics	AP United States History

Indiana College Core Certificate/Associate's Degree

JHS has entered into a Dual Credit agreement with Ivy Tech to provide the opportunity for our students to earn college credits in specific disciplines to qualify for either an Indiana College Core Certificate (ICC) and/or an Associate's Degree in General Studies (AGS) from Ivy Tech. Students can earn credits toward the associate's degree at Ivy Tech from dual credit earned through Ivy Tech and IUS/ACP. Additionally, if a student received the minimum score of 3 on a qualifying AP exam, this test score will also allow credit to be issued toward the AGS/ICC if included on the IDOE AP Crosswalk. See following pages for checklists for the Associates Degree and the Indiana College Core Certificate. Your student's counselor and Ivy Tech dual credit staff can determine whether or not your student is eligible for the ICC and Associate's Degree.

****DUE TO LEGISLATION AND CHANGES IN TEACHER CREDENTIALING AT THE COLLEGE LEVEL, STUDENTS WISHING TO PURSUE THE IVY TECH CERTIFICATE/AGS, WILL BE REQUIRED TO TAKE MULTIPLE CLASSES ON IVY TECH'S CAMPUS. See counseling office for current requirements.**

Jeffersonville High School Dual Credit Courses

Planned Offerings for 25-26

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 Nexgen, SAT, ACT and PSAT. Additionally students must complete a dual credit online application through 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 for which he/she qualifies.

Indiana University ACP

Students may receive dual credit from Indiana University through the Advanced College Project (IUACP). In order to receive dual credit from Indiana University, students must meet the UNWEIGHTED GPA requirement. Additionally, students must complete an online registration process to receive dual credit (social security number is required).

Ivy Tech Dual Credit Classes

Anatomy/Physiology Honors	PLTW Civil Engineering/Architecture
AP English Language	PLTW Introduction to Engineering Design
AP English Literature	PLTW Principles of Engineering
AP US Government	Pre-Calculus Honors
AP US History	Principles of Welding
English 12 Honors	Shielded Metal Arc Welding
Finite Math Honors	Spanish III
French III	Spanish IV
French IV	Welding Technology Capstone
Gas Welding Processes	

Indiana University's Advanced College Project (ACP)

Advanced Speech
AP Biology II
Chemistry Honors
German III
German IV

Courses offered for Ivy Tech and IU ACP Dual Credit are based on teacher qualifications and staffing. These offerings are subject to change.

Grading Scale

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

GPA & 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. If a student is in a combined Honors and Advanced Placement course, the weight will be applied to the course title under which the student enrolled. Advanced Placement credit will be awarded only if the student sits for the AP test in the applicable course.

Weighted factor: All Honors/ACP 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

Jeffersonville High School recognizes that there may be times when it is in the best interest of a student to retake 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.
- Both grades will be on the transcript and will be counted when calculating the student’s grade point average.

Student Athlete Eligibility Requirements

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 1 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.

Students entering an NCAA Division I 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: completing 10 of the 16 core courses 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. 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 50% of your high school classes.

Register with the NAIA Eligibility Center at 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 IHSAA eligibility.

1. ASPE has been approved only for the following activities:
 - a. All IHSAA School Sponsored sports, including identified emerging sports
 - b. Cheerleading, Archery, Bowling
 - c. Marching Band, Winter Guard, STEP Team
 - d. ROTC – One credit per school year of participation
- 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 I/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.

Schedule Changes & 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 a course for graduation, scheduled into a course for which credit has already been granted, etc.). Students requesting to drop an AP/Honors class will be required to complete a form that requires parent and teacher signature for their request to be considered. A "Withdrawal 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

Jeffersonville High School has a selection of online courses in which students can enroll for the following purposes:

- (1) The student needs to recover a credit because he/she failed a class.
- (2) Students who request to take a required course through an online platform will be required to complete a form that must be approved by the principal and Director of Secondary Education.

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 and the Director of Secondary Education.

The Mitch Daniels Early Graduation Scholarship

The Mitch Daniels Early Graduation Scholarship is for students who graduate from a publicly supported high school at least one year early, after December 31, 2010. For more information go to: <http://www.in.gov/ssaci/2504.htm>

CAREER ACADEMY PATHWAYS

During the second semester of the freshman year, students select a career academy and pathway based on their future career plans.

BUSINESS & ENTREPRENEURSHIP ACADEMY PATHWAYS	ENGINEERING & MANUFACTURING ACADEMY PATHWAYS	HEALTH SERVICES ACADEMY PATHWAYS	PUBLIC SERVICE ACADEMY PATHWAYS
Business Administration	Construction	Dental Services (Prosser)	Education
Computer Science	PLTW Engineering	Patient Care (Prosser)	Hospitality Management
Cosmetology (Prosser)	Skilled Trades (Prosser)	Pharmacy (Prosser)	Human & Social Services
Digital Design	Welding	PLTW Biomedical Sciences	Public Safety (Prosser)
Finance & Investment		Pre-Nursing/Patient Care	Radio & TV Broadcasting
Marketing & Sales			

Specific required courses have been aligned to meet the Indiana Graduation Pathways. Please refer to the grade level specific Course Selection sheets for the pathway classes available on the JHS Website.

**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/guardians 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 JHS. We, along with your parents, are here to help you make wise decisions. Good luck!

FOUR YEAR PLAN

9th Grade			10th Grade	
English:	English:		English:	English:
Math:	Math:		Math:	Math:
Science:	Science:		Science:	Science:
Prep College/Careers	Personal Finance		World History:	World History:
PE	PE		Pathway Course:	Pathway Course:
Elective:	Elective:		Elective:	Elective:
Elective:	Elective:		Elective:	Elective:
11th Grade			12th Grade	
English:	English:		English:	English:
Math:	Math:		Econ/Govt:	Econ/Govt:
Science:	Science:		Math or QR:	Math or QR:
U.S. History:	U.S. History:		Pathway Course:	Pathway Course:
Pathway Course:	Pathway Course:		Elective:	Elective:
Elective:	Elective:		Elective:	Elective:
Elective:	Elective:		Elective:	Elective:

Jeffersonville High School

Academy Course Plans for 2025-2026

Career Pathways in gray are offered at Prosser.

Business & Entrepreneurship Academy: Business Management and Administration (BM), Information Technology (IT), Arts, AV Tech and Communication (CM), Marketing (M), Finance & Accounting (FA)

Cluster	Career Pathway	10th Grade Course	11th Grade Course	12th Grade Course
BM	Business Administration	Principles of Business Mgmt (4562)	Marketing Fundamentals (5914)	Accounting Fundamentals (4524)
IT	Computer Science	Principles of Computing (7183)	Topics in Computer Science (0656)	Computer Science (0657)
CM	Digital Design	Principles of Digital Design (7140)	Digital Design Graphics (7141)	Interactive Media Design (7138)
FA	Finance & Investment	Principles of Business Mgmt (4562)	Personal Finance & Banking (7150)	Finance & Investment (5258)
M	Marketing & Sales	Principles of Business Mgmt (4562)	Marketing Fundamentals (5914)	Strategic Marketing (5918)
M	Entrepreneurship/Marketing*	Principles of Bus Mgmt (4562)	Principles Entrepreneurship (7154) New Venture Dev (7148) Small Business Operations (7147)	Principles of Business Mgmt (4562) Marketing Fundamentals (5914) Strategic Marketing (5918)
IT	Software Dev (Programming)*	Principles of Computing (7183)	Principles of Computing (7183) Website & Database Dev (7185) Software Development (7184)	Software Development Capstone (7253)
IT	Info Tech Operations (Cybersecurity)*	Principles of Computing (7183)	Principles of Computing (7183) Info Tech Fund (7180) Networking/Cyber Ops (7181)	Networking II: Cybersecurity Capstone(5245)
IT	Networking*	Principles of Computing (7183)	Principles of Computing (7183) Information Tech Fund (7180) Networking Fundamentals (7182)	Networking II: Infrastructure (4588)
HS	Cosmetology*	Principles of Bus Mgmt (4562)	Principles Barbering/Cosmo (7330) Barbering/Cosmo Fund (7331) Advanced Cosmetology (7332)	Barbering and Cosmetology Capstone (7334)

Engineering & Advanced Manufacturing Academy: Advanced Manufacturing (AM), Architecture & Construction (AC), Transportation, Dist & Logistics (TDL), STEM

Cluster	Career Pathway	10th Grade Course	11th Grade Course	12th Grade Course
AC	Const. Trades: Carpentry	Principles of Construction (7130)	CT: General Carpentry (7123)	CT: Framing & Finishing (7122)

STEM	Engineering	Intro to Engineering Design (4802)	Principles of Engineering (5644)	Civil Engineering & Architecture (5650)
AM	Welding	Principles of Welding Technology (7110)	Shielded Metal Arc Welding (7111) Gas Welding Processes (7101)	Welding Technology Capstone (7226)
STEM	Design Technology (Drafting)*	Intro to Engineering Design (4802)	Intro to Engineering Design (4802) Mech/Architectural Design (7196) BIM Architecture (7197)	Architectural Design Capstone (7225)
AC	Construction Trades - Carpentry*	IED (4802) or Princ of Adv Mnfg (7108)	Principles of Const Trades (7130) General Carpentry (7123) Framing and Finishing (7122)	Construction Trades Capstone (7242)
AC	Civil Construction (Heavy Equipment)*	IED (4802) or Princ of Adv Mnfg (7108)	Principles of Const Trades (7130) Civil Construction Fund (7121) Advanced Civil Construction (7118)	Civil Construction Capstone (7240)
AC	Construction Trades - Electrical*	IED (4802) or Princ of Adv Mnfg (7108)	Principles of Const Trades (7130) Electrical Fundamentals (7124) Advanced Electrical (7119)	Construction Trades Electrical Capstone (7263)
AC	HVAC*	IED (4802) or Princ of Adv Mnfg (7108)	Principles of HVAC (7131) HVAC Fundamentals (7125) HVAC Service (7126)	HVAC Capstone (7244)
AM	Industrial Automation & Robotics*	IED (4802) or Princ of Adv Mnfg (7108)	Principles of Adv Mnfg (7108) Adv Mnfg Technology (7103) Mechatronics Systems (7106)	Industrial Automation & Robotics Capstone (7224)
AM	Precision Machining*	IED (4802) or Princ of Adv Mnfg (7108)	Principles of Precision Mach (7109) Precision Machining Fund (7105) Adv Prec Machining (7107)	Precision Machining Capstone (7219)
AM	Welding Technology*	IED (4802) or Princ of Adv Mnfg (7108)	Principles of Welding Tech (7110) Shielded Metal Arc Welding (7111) Gas Welding Processes (7101)	Welding Technology Capstone (7226)
TDL	Aviation Management*	Intro to Engin Design (4802)	Principles of Aviation Mgmt (7214) Private Pilot Theory (7217) Aviation Safety & Operations (7207)	Aviation Management Capstone (7218)
TDL	Auto Collision Repair*	IED (4802) or Princ of Adv Mnfg (7108)	Principles of Collision Repair (7215) Automotive Body Repair (7204) Plastic Body Repair/Painting (7206)	Collision Repair Capstone (7380)
TDL	Automotive Services*	IED (4802) or Princ of Adv Mnfg (7108)	Principles Automotive Svcs (7213)	Automotive Service Capstone (7375)

			Brake Systems (7205) Steering & Suspensions (7212)	
TDL	Diesel*	IED (4802) or Princ of Adv Mnfg (7108)	Principles of Diesel Services (7216) Diesel Steering and Brakes (7210) Diesel Transmissions (7211)	Diesel Services Capstone (7221)

Health Services Academy: Health Sciences (HS)

Cluster	Career Pathway	10th Grade Course	11th Grade Course	12th Grade Course
HS	Biomedical Sciences & Tech	Principles of Biomedical Sci (5218)	Human Body Systems (HBS) (5216)	Medical Interventions (5217)
HS	Pre-Nursing	Principles of Healthcare (7168)	Medical Terminology (5274)	Healthcare Specialist (7166)
HS	Health Science - Pre-Nursing* (CNA)	Principles of Biomed Science (5218) or Principles of Healthcare (7168)	Principles of Healthcare (7168) Medical Terminology - NLPS (5274) Healthcare Specialist: CNA (7166)	Healthcare Specialist Capstone (7255)
HS	Pharmacy Technician*	Principles of Biomed Science (5218) or Principles of Healthcare (7168)	PBS (5218)/HBS (5216) or AP Science	Principles of Healthcare (7168) Medical Terminology - NLPS (5274) Pharmacy Tech (7167)
HS	Central Service Tech/ Sterile Processing	Principles of Biomed Science (5218) or Principles of Healthcare (7168)	Principles of Healthcare (7168) Medical Terminology - NLPS (5274) Central Service Tech Fund (7163)	Central Service Technician Capstone (7257)
HS	Dental*	Principles of Biomed Science (5218) or Principles of Healthcare (7168)	Principles of Dental Careers (7315) Dental Careers Fund (7316) Advanced Dental Careers (7317)	Dental Careers Capstone (7318)

Public Service Academy: Civic Arts (CA), Education & Training (ED), Agriculture, Food & Natural Res (AG), Hospitality & Tourism (HT), Law, Public Safety, Corrections & Security (LP), Human Services (HS)

Cluster Name	Career Pathway	Sophomore Course	Junior Course Name	Senior Course Name
HT	Culinary Arts	Principles of Culinary and Hospitality (7173)	Nutrition (7171)	Culinary Arts (7169)
ED	Education	Principles of Teaching (7161)	Child & Adolescent Development (7157)	Teaching & Learning (7162)
HS	Human & Social Services	Principles of Human Services (7176)	Understanding Diversity (7174)	Relationships & Emotions (7177)

CM	Radio and Television Broadcasting	Principles of Broadcasting (7139)	Audio & Video Production Essentials (7306)	Mass Media Production (7307)
AG	Landscape Management	Principles of Human Services (7176)	Principles of Agriculture (7117) Horticultural Science (5132) Landscape and Turf Mgmt (7115)	Landscape Management Capstone (7234)
AV	Digital Design (IT Media)*	Principles of Computing (7183)	Principles of Digital Design (7140) Digital Design Graphics (7141) Interactive Media Design (7138)	No second year
ED	Early Childhood	Principles of Human Services (7176)	Principles Early Child Educ (7160) Early Childhood Educ Curr (7158) Early Child Educ Guidance (7159)	Early Childhood Education Capstone (7259)
HT	Culinary Arts*	Principles of Culinary and Hospitality (7173)	Principles/Culinary Hospitality (7173) Nutrition (7171) Culinary Arts (7169)	Culinary Capstone (7233)
LP	Criminal Justice*	Principles of Human Services (7176)	Principles of Criminal Justice (7193) Law Enforcement Fund (7191) Corrections/Cultural Aware (7188)	Criminal Justice Capstone (7231)
LP	Fire & Rescue*	Principles of Human Services (7176)	Principles of Fire and Rescue (7195) Fire Fighting Fundamentals (7189) Advanced Fire Fighting (7186)	Fire and Rescue Capstone/EMT (7229)

Course Offerings by Department

***= 1 SEMESTER COURSE **= 2 SEMESTER COURSE**

BUSINESS AND MARKETING

** ACCOUNTING FUNDAMENTALS Prerequisite: Principals of Business Management	(12)
** FINANCE & INVESTMENT Prerequisite: Principles of Business Management	(12)
** MARKETING FUNDAMENTALS Prerequisite: Principles of Business Management	(11, 12)
** PERSONAL FINANCE & BANKING Prerequisite: Principles of Business Management	(11, 12)
** PREP FOR COLLEGE & CAREERS / PERSONAL FINANCIAL RESPONSIBILITY Required for incoming 9th grade students	(9)
** PRINCIPLES OF BUSINESS MANAGEMENT	(10)
** STRATEGIC MARKETING Prerequisite: Management Fundamentals or Marketing Fundamentals	(12)

COMPUTER TECHNOLOGY

* COMPUTING FOUNDATIONS Must pass for graduation.	(9)
** PRINCIPLES OF COMPUTING	(10)
** TOPICS IN COMPUTER SCIENCE Prerequisite: Principles of Computing	(11, 12)
** COMPUTER SCIENCE Prerequisite: Principles of Computing	(12)
** AP COMPUTER SCIENCE PRINCIPLES Prerequisite: Grade of A or B in Algebra I.	(11, 12)

ENGINEERING AND MANUFACTURING

** PRINCIPLES OF CONSTRUCTION	(10)	
** CT: GENERAL CARPENTRY Prerequisite: Principles of Construction	(11)	
** CT: FRAMING & FINISHING Prerequisite: CT: General Carpentry	(12)	
** CONSTRUCTION TRADES CAPSTONE Prerequisite: CT: General Carpentry	(12)	
** PLTW INTRODUCTION TO ENGINEERING DESIGN	(9, 10)	DC
** PLTW PRINCIPLES OF ENGINEERING Prerequisite: Introduction to Engineering Design	(10, 11)	DC
** PLTW CIVIL ENGINEERING & ARCHITECTURE Prerequisite: Principles of Engineering	(11, 12)	DC
** PLTW AEROSPACE ENGINEERING Prerequisite: Principles of Engineering	(11, 12)	
** PLTW ENGINEERING DESIGN & DEVELOPMENT Prerequisite: Civil Engineering & Architecture	(12)	
** PRINCIPLES OF WELDING TECHNOLOGY	(10)	DC
** GAS WELDING PROCESSES Prerequisite: Principles of Welding Technology	(11)	DC
** SHIELDED METAL ARC WELDING Prerequisite: Principles of Welding Technology	(11)	DC
** WELDING TECHNOLOGY CAPSTONE Prerequisite: Gas Welding & Shielded Metal Arc Welding	(12)	DC

FAMILY AND CONSUMER SCIENCES (FACS)

** PRINCIPLES OF CULINARY & HOSPITALITY	(10)	
** NUTRITION Prerequisite: Principles of Culinary & Hospitality	(11)	
** CULINARY ARTS	(12)	
** PRINCIPLES OF HUMAN SERVICES	(10)	
** UNDERSTANDING DIVERSITY Prerequisite: Principles of Human Services	(11)	
** RELATIONSHIPS & EMOTIONS	(12)	

HEALTH SERVICES

** PRINCIPLES OF HEALTHCARE	(10)
** MEDICAL TERMINOLOGY Prerequisite: Principles of Healthcare	(11, 12)
** HEALTHCARE SPECIALIST Prerequisite: Principles of Healthcare	(12)

ART

* ADVANCED TWO DIMENSIONAL ART I/II Prerequisite: Intro to 2D Art	(10, 11, 12)
** AP 2D ART & DESIGN Prerequisite: Permission from the instructor	(12)
** AP 3D ART & DESIGN Prerequisite: Permission from the instructor	(12)
** CERAMICS I/II Prerequisite: Intro to 3D Art	(10, 11, 12)
** CERAMICS III/IV Prerequisite: Ceramics I/II	(11, 12)
* INTRO TO THREE DIMENSIONAL ART	(9, 10, 11, 12)
* INTRO TO TWO DIMENSIONAL ART	(9, 10, 11, 12)
** PAINTING I/II	(10, 11, 12)
** PHOTOGRAPHY I/II Application required.	(9)
** PRINCIPLES OF DIGITAL DESIGN	(10)
** DIGITAL DESIGN GRAPHICS	(11)
** GRAPHIC DESIGN LAYOUT	(12)

BAND

Students are required to participate in performance opportunities outside of the school day that support and extend learning in the classroom. Prerequisite: Previous school band experience

** ADVANCED CONCERT BAND (Wind Symphony)	(9, 10, 11, 12)
** APPLIED MUSIC: GUITAR	(9, 10, 11, 12)
** APPLIED MUSIC: DRUMLINE	(9, 10, 11, 12)

** BEGINNING CONCERT BAND	(9, 10, 11, 12)
** BEGINNING CONCERT BAND: PERCUSSION	(9, 10, 11, 12)
** INTERMEDIATE CONCERT BAND: BRASS	(9, 10, 11, 12)
** INTERMEDIATE CONCERT BAND: WOODWINDS	(9, 10, 11, 12)
** INSTRUMENTAL ENSEMBLE I (Concert Percussion)	(9, 10, 11, 12)
** INSTRUMENTAL ENSEMBLE II (Chamber Percussion) Prerequisite: Audition and Instructor approval	(9, 10, 11, 12)
** JAZZ ENSEMBLE: BEGINNING Corequisite: Must be enrolled in a concurrent band class or Instructor approval.	(9, 10, 11, 12)
** JAZZ ENSEMBLE: VARSITY Prerequisite: Instructor Approval	(10, 11, 12)
** AP MUSIC THEORY	(11, 12)
* PIANO & ELECTRONIC KEYBOARD I	(9, 10, 11, 12)

CHORUS

** ADVANCED CHORUS (Women's Concert Choir) Prerequisite: Beginning Chorus (Girls) / Instructor approval	(10, 11, 12)
** BEGINNING CHORUS (BOYS) Prerequisite: Previous Vocal Experience Preferred	(9, 10, 11)
** BEGINNING CHORUS (GIRLS) Prerequisite: Previous Vocal Experience Preferred	(9)
** CHAMBER ENSEMBLE (Chamber Choir) Prerequisite: Audition/Instructor approval	(10, 11, 12)

THEATRE

** ADVANCED ACTING I/II Prerequisite: Advanced Theatre Arts I/II	(11, 12)
** ADVANCED THEATRE ARTS I/II Prerequisite: Theatre Arts I/II	(10, 11, 12)
** MUSICAL THEATRE	(11,12)
** THEATRE ARTS I/II	(9, 10, 11, 12)
** THEATRE PRODUCTION I/II Prerequisite: Instructor approval required	(12)

HEALTH AND PHYSICAL EDUCATION

- * HEALTH AND WELLNESS **(REQUIRED)** (8, 9)
All 8th grade students in GCCS should complete their Health credit online.
- * PHYSICAL EDUCATION I **(REQUIRED)** (9)
- * PHYSICAL EDUCATION II **(REQUIRED)** (9, 10)
- * ELECTIVE PE: SPORTS PERFORMANCE (Does not count as PE requirement) (9, 10, 11, 12)
Co-requisite: Participation in a school sport
- * ELECTIVE PE: TEAM SPORTS (Does not count as PE requirement) (10, 11, 12)
Prerequisite: Must have B or higher in PE I/PE II or an A in prior year of Team Sports.

JROTC

- ** JROTC I (9, 10, 11, 12)
Application Required
- ** JROTC II (10, 11, 12)
Prerequisite: JROTC I, or consent of Senior JROTC Instructor
- ** JROTC III (11, 12)
Prerequisite: JROTC II, or consent of Senior JROTC Instructor
- ** JROTC IV (12)
Prerequisite: JROTC III, or consent of Senior JROTC Instructor

RADIO AND TELEVISION

- ** PRINCIPLES OF BROADCASTING (10)
Prerequisite: Application and interview.
- ** AUDIO/VIDEO PRODUCTION (11)
Prerequisite: Principles of Broadcasting
- ** MASS MEDIA PRODUCTION (12)

ENGLISH

Prerequisite for all Honors and AP classes: Grade of A or B in previous English class and teacher recommendation.

** AP ENGLISH LANGUAGE & COMPOSITION	(11)	DC
** AP ENGLISH LITERATURE & COMPOSITION	(12)	DC
** ENGLISH 9 / ENGLISH 9 HONORS	(9)	
** ENGLISH 10 / ENGLISH 10 HONORS	(10)	
** ENGLISH 11 / ENGLISH 11 HONORS	(11)	
** ENGLISH 12	(12)	
** ENGLISH 12 HONORS	(12)	DC

ENGLISH ELECTIVES

* ACP ADVANCED SPEECH & COMMUNICATION Prerequisite: 2.7 Unweighted GPA required for Dual Credit	(12)	DC
* CREATIVE WRITING	(9, 10, 11, 12)	
* FILM LITERATURE: FANTASY	(10, 11, 12)	
* GENRES IN LIT: FOLKTALES, FABLES & MYTHS	(9, 10)	
* GENRES IN LIT: YOUNG ADULT LITERATURE	(9, 10)	
** JOURNALISM	(9, 10, 11, 12)	
* LITERARY MOVEMENTS: HISTORICAL FICTION	(9, 10, 11, 12)	
* NOVELS: SCIENCE FICTION	(10, 11, 12)	
** STUDENT MEDIA: NEWSPAPER I Prerequisite: Journalism and/or Photography. Application is required.	(10, 11, 12)	
** STUDENT MEDIA: NEWSPAPER II Prerequisite: Newspaper I	(10, 11, 12)	
** STUDENT MEDIA: YEARBOOK I Prerequisite: Journalism and/or Photography. Application is required.	(10, 11, 12)	
** STUDENT MEDIA: YEARBOOK II Prerequisite: Yearbook I	(10, 11, 12)	
* THEMES IN LIT: HOLOCAUST	(11, 12)	
* THEMES IN LIT: MYTHOLOGY	(11, 12)	

ENGLISH AS A NEW LANGUAGE

** ENL LEVEL I	(9, 10, 11, 12)
** ENL LEVEL II	(9, 10, 11, 12)
** ENL LEVEL III	(9, 10, 11, 12)

MATHEMATICS

Prerequisite for all Honors and AP classes: Grade of A or B in previous Math course and teacher recommendation.

Students taking a mathematics course will be expected to have an appropriate SCIENTIFIC calculator. Instruction will be geared toward the use of the Texas Instrument TI-30 (any model).

** ALGEBRA I LAB Prerequisite: Teacher/counselor recommendation	(9)	
** ALGEBRA I / ALGEBRA I HONORS	(9)	
** ALGEBRA II / ALGEBRA II HONORS Prerequisite: Algebra I (both semesters) / Algebra I Honors	(10, 11, 12)	
** AP CALCULUS AB Prerequisites: Pre-Calculus Honors and teacher recommendation	(12)	DC
** AP CALCULUS BC Prerequisite: teacher recommendation	(12)	
** AP STATISTICS Prerequisites: Algebra I, Algebra II, Geometry & teacher recommendation	(11, 12)	
** BUSINESS MATH	(12)	
** FINITE MATHEMATICS Prerequisites: Algebra I, Algebra II, & Geometry	(11, 12)	
** FINITE MATH HONORS Prerequisite: Algebra I, Algebra II, Geometry & teacher recommendation	(11, 12)	DC
** GEOMETRY / GEOMETRY HONORS Prerequisite: Algebra I & II	(9, 10, 11, 12)	
** PRE-CALCULUS / TRIGONOMETRY Prerequisites: Algebra I, Algebra II, & Geometry	(11, 12)	
** PRE-CALCULUS / TRIGONOMETRY HONORS Prerequisites: Geometry Hrs and Algebra II Hrs (with A or B for both semesters)	(11, 12)	DC

SCIENCE

** ADVANCED SCIENCE, SPECIAL TOPICS: PREHISTORIC LIFE (DINOSAURS)	(11, 12)	
** ANATOMY AND PHYSIOLOGY HONORS Prerequisites: Biology and Chemistry (Grade of A or B), Teacher Recommendation	(11, 12)	DC
** AP BIOLOGY II & LAB (2 periods) Prerequisites: Biology I and/or Chemistry I with teacher recommendation	(11, 12)	DC
** AP ENVIRONMENTAL SCIENCE Prerequisites: C or higher in Biology and physical science.	(11, 12)	
** AP PHYSICS I: ALGEBRA - BASED	(11, 12)	
** BIOLOGY I / BIOLOGY I HONORS Prerequisites: For Honors - teacher recommendation, standardized test scores	(9, 10)	
** CHEMISTRY I Prerequisites: Biology I and Algebra I with at least a C average in each required	(10, 11, 12)	
** CHEMISTRY I HONORS Prerequisites: Biology I Hrs and Algebra I Hrs with at least a B average in each required, unweighted GPA of 2.7 and teacher recommendation	(10, 11, 12)	DC
** EARTH/SPACE SCIENCE	(11, 12)	
** INTEGRATED CHEMISTRY/PHYSICS (ICP)	(9)	
** PHYSICS I Co-requisite: Algebra II	(11, 12)	
** PLTW PRINCIPLES OF BIOMEDICAL SCIENCES Prerequisite: Biology I Honors or concurrent enrollment in Biology I	(9, 10)	
** PLTW HUMAN BODY SYSTEMS Prerequisite: Principles of Biomedical Sciences	(10, 11, 12)	
** PLTW MEDICAL INTERVENTIONS Prerequisite: Human Body Systems	(11, 12)	
** PLTW BIOMEDICAL INNOVATION Prerequisite: Medical Interventions	(12)	

SOCIAL STUDIES

** AP COMPARATIVE GOVERNMENT & POLITICS Prerequisite: A or B in previous Social Studies class	(11, 12)	
** AP MICROECONOMICS Prerequisite: A or B in previous Social Studies class	(12)	
** AP U.S. GOVERNMENT AND POLITICS Prerequisite: A or B in previous Social Studies class	(12)	DC

** AP U.S. HISTORY	(11)	DC
Prerequisite: A or B in previous Social Studies class		
** WORLD HISTORY AND CIVILIZATION	(10)	
** WORLD HISTORY AND CIVILIZATION HONORS	(10)	
** U.S. HISTORY	(11)	
* U.S. GOVERNMENT	(12)	
* ECONOMICS	(12)	

SOCIAL STUDIES ELECTIVES

** CURRENT PROBLEMS, ISSUES, & EVENTS	(9, 10, 11, 12)	
* ETHNIC STUDIES	(9, 10, 11, 12)	
* INDIANA STUDIES	(9, 10, 11, 12)	

WORLD LANGUAGE

Prerequisite for all Level I World Languages: Must have a C in previous English course

** FRENCH I	(9, 10, 11, 12)	
** FRENCH II	(9, 10, 11, 12)	
** FRENCH III HONORS	(11, 12)	DC
** FRENCH IV HONORS	(12)	DC
** GERMAN I	(9, 10, 11, 12)	
** GERMAN II	(9, 10, 11, 12)	
** GERMAN III HONORS	(11, 12)	DC
** GERMAN IV HONORS	(12)	DC
** LANGUAGE FOR HERITAGE SPEAKERS I	(9, 10, 11, 12)	
** LANGUAGE FOR HERITAGE SPEAKERS II	(10, 11, 12)	
** LANGUAGE FOR HERITAGE SPEAKERS III	(11, 12)	
** SPANISH I	(9, 10, 11, 12)	
** SPANISH II	(9, 10, 11, 12)	
** SPANISH III HONORS	(11, 12)	DC
** SPANISH IV HONORS	(12)	DC

PROSSER - 11th & 12th Grade Only

Prosser Career Education Center provides high-quality career and technical education (CTE) programs for 11th and 12th grade high school students throughout southern Indiana. With an average enrollment of 1,350 students enrolled in 26 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 Honors 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

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:	7224 Industrial Automation and Robotics Capstone
Dual Credits:	Ivy Tech
Certifications:	SACA Cert(s)

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:	7219 Precision Machining Capstone
Dual Credits:	Vincennes
Certifications:	NIMS

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:	7226 Welding Technology Capstone
Dual Credits:	Ivy Tech
Certifications:	AWS 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:	7234 Landscape Management Capstone
Dual Credits:	Vincennes
Certifications:	No 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:	7240 Civil Construction Capstone
Dual Credits:	Ivy Tech
Certifications:	NCCER Heavy Equipment, HH Level 1

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:	7242 Construction Trades Capstone
Dual Credits:	Ivy Tech
Certifications:	NCCER Carpentry Level 1

7. Construction Trades - Electrical (Electricity)

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:	7263 Construction Trades Electrical Cap
Dual Credits:	Ivy Tech
Certifications:	NCCER Electrical 1

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: 7244 HVAC Capstone
Dual Credits: Ivy Tech
Certifications: **NATE HVAC Support Technician**

9. Construction Trades - Plumbing and Pipefitting

Junior Year: 7133 Principles of Plumbing and Pipefitting
7129 Plumbing and Pipefitting Fundamentals
7120 Advanced Plumbing and Pipefitting
Senior Year: 7264 Plumbing and Pipefitting Capstone
Dual Credits: Ivy Tech
Certifications:

Career Cluster: Arts, AV Tech and Communication

10. 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

11. 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: **Microsoft Office Specialist Associate**

Career Cluster: Education and Training

12. 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:	759 Early Childhood Education Capstone
Dual Credits:	Ivy Tech
Certifications:	CDA Certification

Career Cluster: Health Sciences

13. Health Careers - Certified Nursing Aide (CNA)

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 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.
Junior Year:	7168 Principles of Health 5274 Medical Terminology 7166 Healthcare Specialist: CNA
Senior Year:	No Second Year
Dual Credits:	Ivy Tech
Certifications:	CNA Certification, Dementia Care, CPR

14. Certified Clinical Medical Assistant (CCMA)

Description:	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.
Junior Year:	Health Careers - Certified Nursing Aid (CNA)
Senior Year:	7255 Healthcare Specialist Capstone
Dual Credits:	Ivy Tech
Certifications:	Certified Medical Assistant (CMA), Certified Phlebotomy Technician (CPT)

15. CNA Plus

Description:	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 .
Junior Year:	Health Careers - Certified Nursing Aid (CNA)
Senior Year:	7255 Healthcare Specialist Capstone
Dual Credits:	Ivy Tech
Certifications:	No Certifications

16. Pre-Nursing

Description:	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..
Junior Year:	Health Careers - Certified Nursing Aid (CNA)
Senior Year:	7255 Healthcare Specialist Capstone
Dual Credits:	Ivy Tech
Certifications:	No Certifications

17. 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:	7257 Central Service Technician Capstone
Dual Credits:	Ivy Tech
Certifications:	CST Certification

18. 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:	7318 Dental Careers Capstone
Dual Credits:	Ivy Tech

Certifications: **Radiation Health & Safety**

19. 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: No First Year.

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

Dual Credits: No Certifications

Certifications: **Pharmacy Tech Certification**

Career Cluster: Hospitality

20. 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: 7233 Culinary Arts Capstone

Dual Credits: Vincennes

Certifications: **ProStart Certification, ServSafe**

Career Cluster: Human Services

21. 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: **Indiana State Board of Cosmetology License**

Career Cluster: Information Technology

22. Cyber Security

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: 7249 Cybersecurity Operations Capstone

Dual Credits: Ivy Tech

Certifications: **A+, Network+, Security+, Cisco CyberOps, CCST, Linux Essentials**

23. 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: 7253 Software Development Capstone

Dual Credits: Ivy Tech

Certifications: **PCEP**

24. Cloud and Server Operations (Networking)

Description: Cloud and Server Operations provides students with the general understanding of cloud computing concepts through a detailed overview of core services security architecture pricing and support. Students will also learn to implement, administer, and troubleshoot Information systems using the Microsoft Windows clients and servers in an enterprise environment. Students will be introduced to managing applications, files, folders, and devices in a Windows active directory environment. Additionally students have the chance to understand and apply Linux and Virtualization concepts.

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

Senior Year: 7251 Networking Capstone

Dual Credits: Vincennes

Certifications: **A+, ITF+, Network+, CST Networking, IT Essentials, CCNA**

Career Cluster: Public Safety

25. 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:	7231 Criminal Justice Capstone
Dual Credits:	Vincennes
Certifications:	No Certifications

26. 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:	7229 Fire and Rescue Capstone
Dual Credits:	Ivy Tech
Certifications:	Firefighter I

Career Cluster: STEM

27. 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:	7225 Architectural Design Capstone
Dual Credits:	Ivy Tech
Certifications:	Certified Solidworks Associate Certificate, AutoCad Inventor

Career Cluster: Transportation, Distribution, and Logistics

28. 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:	7375 Automotive Service Capstone
Dual Credits:	Vincennes
Certifications:	Toyota Maintenance Cert or ASC

29. 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:	7380 Collision Repair Capstone
Dual Credits:	Vincennes
Certifications:	ICAR Auto Collision I Certificate

30. 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 7207 Aviation Safety and Operations
Senior Year:	7218 Aviation Management Capstone (Unsure how this will look)
Dual Credits:	Vincennes
Certifications:	Part 107 – Commercial Drone Operator

31. 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:	7221 Diesel Services Capstone
Dual Credits:	Vincennes
Certifications:	Toyota Maintenance Certification

Students who wish to pursue a Prosser/Vincennes University Early College 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/Vincennes University Early College 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 Prosser’s website for more information: www.prossercareers.com