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Educational Records – Transcripts & Report Cards

Academic Review Committee

Changes in Pre-enrolled Course Selections

Dropping and/or Adding Courses

Repeating a Course

Incomplete Grades

Early Graduation

Transfer Students

Correspondence Credit/Online Courses

Athletic Eligibility

NAIA & NCAA Division I/II Eligibility

2018-2019 PHS Scheduling Year

2018-2019 Area 31 Scheduling Year

Business Education

Professional Quakers Academy

PLTW Engineering & Technology Education

English

Family & Consumer Sciences

Fine Arts (Music Performance)

Fine Arts (Theatre)

Fine Arts (Visual)

Health & Physical Education
<table>
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<td>PLTW Biomedical Sciences</td>
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</tbody>
</table>
PLAINFIELD HIGH SCHOOL MISSION STATEMENT

Plainfield High School (PHS) creates a positive educational environment in order to prepare students for their present and future roles and encourages each individual to develop his or her potential by providing a wide range of curricular, co-curricular and extracurricular experiences.

INTRODUCTION TO PLAINFIELD HIGH SCHOOL

Plainfield High School is a comprehensive high school with a curriculum designed to allow students to complete requirements for graduation as prescribed by the Indiana Department of Education and the Plainfield Community School Corporation, as well as to prepare them for entry into post-secondary institutions, vocational programs, and entry-level employment.

Plainfield High School has been recognized by the State of Indiana as a Four-Star School. It is accredited by the Indiana Department of Education. This accreditation ensures that Plainfield High School’s curriculum and programs remain current and of high quality. This benefits students as they pursue higher education and employment.

MESSAGE TO STUDENTS AND FAMILIES

Plainfield High School is preparing students for the future by delivering instruction at the high school that is infused with engaging and relevant learning for the 21st Century. The Pathfinder Curriculum Handbook has been prepared to familiarize you with curricular opportunities at Plainfield High School and will explain graduation requirements, athletic eligibility, grading policies, course descriptions, advanced placement and dual-credit opportunities, college and career readiness resources, as well as any other matters pertaining to curriculum. Each student is encouraged to take time to focus on career and college goals while planning his/her academic schedule.

Each spring during pre-enrollment, students must make extremely important choices about the courses they will take the following year. You, the student, are the most important factor in this selection. Although teachers, counselors, and parents may advise you, it is you personally who is ultimately responsible for correct and wise choices. For that reason, you must study this guide carefully and give thoughtful consideration to your future goals. The best general advice is to select those subjects that interest you, understanding that all students must master an academic core of courses in order to graduate and pursue post-secondary and/or work opportunities.

Most PHS graduates earn a Core 40 with Academic Honors diploma (47 credits), Core 40 with Technical Honors diploma (47 credits) or Core 40 diploma (40 credits). Students in the classes of 2019 and beyond must pass the ISTEP+ Grade 10 Assessments in English/Language Arts and Math to earn a high school diploma.

KEY PRACTICES AT PLAINFIELD HIGH SCHOOL FOR EACH STUDENT:

- High personal expectations for each student
- A program of studies consisting of a challenging academic core and a career pathway major
- Problem-solving activities that actively engage students
- Challenging curriculum to serve a diversified student body
- Academic studies that teach concepts from the 4-year or 2-year college preparatory curriculum
- Blending of academic and career learning for college and career readiness
- Advisement including school counselors, teachers and parents

GRADUATION REQUIREMENTS AND DIPLOMA TYPES

The completion of a Core 40 diploma is an Indiana graduation requirement and the default diploma for Plainfield High School. Indiana’s Core 40 curriculum provides the academic foundation all students need to succeed in college and the workforce. A Core 40 diploma is required for admission to Indiana public colleges offering bachelor’s (4-year) degrees. A Core 40 curriculum is strongly recommended for admission to public colleges offering associate’s (2-year) degrees and certificates, or for entry into the workforce.
### ENGLISH
- English 9 or English 9 Honors
- English 10 or English 10 Honors
- English 11 or English 11 CP or English 11 Honors (CHAP) or AP Language
- English 12 or English 12 CP or AP Literature

### MATHEMATICS
All students must earn 6 math credits after entering high school. Math credits earned prior to entering grade 9 may meet specific course pre-requisites and may count toward the credit requirements for a diploma. However, 6 math credits must be earned during grades 9-12. Additionally, students must be enrolled in a math or quantitative reasoning course during each year of high school.
- Algebra I
- Geometry
- Algebra II

### SCIENCE
- Biology I
- Chemistry I Honors or Physics I Honors or Integrated Chemistry-Physics
- Any additional Core 40 science course

### SOCIAL STUDIES
- World History & Civilization or AP World History
- US History or US History/HIST102 IVY (DC) or US History Honors CHAP/HIST102 IVY (DC)
- US Government or AP US Government & Politics or US Government Honors: “We the People”
- Economics or AP Microeconomics

### PHYSICAL EDUCATION
- Physical Education I or Advanced PE I or Advanced PE I – Football
- Physical Education II or Advanced PE II or Advanced PE II – Football

### HEALTH & WELLNESS
- Health & Wellness Education

### PCSC LOCAL REQUIREMENT
- Preparing for College and Careers
- Personal Financial Responsibility
- PLTW: Introduction to Engineering Design/DESN101 IVY (DC)
- Digital Applications & Responsibility or Computer Graphics
  (Computer Graphics only offered at PCMS and is NOT available for high school credit)

### DIRECTED ELECTIVES
- World Languages
- Fine Arts
- Career & Technical Education

### ELECTIVES
- Academic courses within a college & career pathway are recommended

### 40 CREDITS REQUIRED FOR THE CORE 40 DIPLOMA

Students with unique circumstances examined by the Academic Review Committee (see page 16) that prohibit the completion of a Core 40 curriculum, may be able to graduate with less than a Core 40 diploma. In these instances, students are not able to opt-out of a Core 40 diploma until December of their junior year.

To graduate with less than the Core 40 diploma, the following formal opt-out process must be followed:
- The student, the student’s parent/guardian, and the student’s school counselor meet to discuss the student’s progress;
- The student’s post-secondary plans and 4-year course plan must be reviewed;
- The student’s parent/guardian determines whether the student will achieve greater educational benefits by completing the general diploma curriculum or the Core 40 curriculum;
- If the decision is made to opt out of completion of the Core 40 curriculum, the student is required to complete the graduation requirements for the general diploma and determine a career/academic sequence that the student will pursue.
# PLAINFIELD HIGH SCHOOL CORE 40 w/Academic Honors Diploma Graduation Requirements

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>8 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>• English 9 or English 9 Honors</td>
<td></td>
</tr>
<tr>
<td>• English 10 or English 10 Honors</td>
<td></td>
</tr>
<tr>
<td>• English 11 or English 11 CP or English 11 Honors (CHAP) or AP Language</td>
<td></td>
</tr>
<tr>
<td>• English 12 or English 12 CP or AP Literature</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATHEMATICS</th>
<th>8 credits (6 credits earned during grades 9-12)</th>
</tr>
</thead>
<tbody>
<tr>
<td>All students must earn 6 math credits after entering high school. Math credits earned prior to entering grade 9 may meet specific course pre-requisites and may count toward the credit requirements for a diploma. However, 6 math credits must be earned during grades 9-12. Additionally, students must be enrolled in a math or quantitative reasoning course during each year of high school.</td>
<td></td>
</tr>
<tr>
<td>• Algebra I</td>
<td></td>
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<tr>
<td>• Geometry</td>
<td></td>
</tr>
<tr>
<td>• Algebra II</td>
<td></td>
</tr>
<tr>
<td>• Any additional Core 40 math course</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SCIENCE</th>
<th>6 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Biology I</td>
<td></td>
</tr>
<tr>
<td>• Chemistry I Honors or Physics I Honors or Integrated Chemistry-Physics</td>
<td></td>
</tr>
<tr>
<td>• Any additional Core 40 science course</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>SOCIAL STUDIES</th>
<th>6 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>• World History &amp; Civilization or AP World History</td>
<td></td>
</tr>
<tr>
<td>• US History or US History/HIST102 IVY (DC) or US History Honors CHAP/HIST102 IVY (DC)</td>
<td></td>
</tr>
<tr>
<td>• US Government or AP US Government &amp; Politics or US Government Honors: “We the People”</td>
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<tr>
<td>• Economics or AP Microeconomics</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>WORLD LANGUAGES</th>
<th>6-8 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Earn 6 credits in one Core 40 world language</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>• Earn 4 credits each in two different Core 40 world languages</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>FINE ARTS</th>
<th>2 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Earn 2 Core 40 fine arts credits</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>PHYSICAL EDUCATION</th>
<th>2 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Physical Education I or Advanced PE I or Advanced PE I – Football</td>
<td></td>
</tr>
<tr>
<td>• Physical Education II or Advanced PE II or Advanced PE II – Football</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEALTH &amp; WELLNESS</th>
<th>1 credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Health &amp; Wellness Education</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PCSC LOCAL REQUIREMENT</th>
<th>2 courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Preparing for College and Careers</td>
<td></td>
</tr>
<tr>
<td>• Personal Financial Responsibility</td>
<td></td>
</tr>
<tr>
<td>• PLTW: Introduction to Engineering Design/DESN101 IVY (DC)</td>
<td></td>
</tr>
<tr>
<td>• Digital Applications &amp; Responsibility or Computer Graphics (Computer Graphics only offered at PCMS and is NOT available for high school credit)</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ELECTIVES</th>
<th>3-7 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Academic courses within a college &amp; career pathway are recommended</td>
<td></td>
</tr>
</tbody>
</table>

# 47 CREDITS REQUIRED FOR THE CORE 40 WITH ACADEMIC HONORS DIPLOMA

In addition to fulfilling the above requirements, students pursuing the Core 40 w/Academic Honors Diploma must:

- Earn a grade of a “C-” or better in courses that will count toward the diploma;
- Have a grade point average of a 2.7 or higher;
- Complete ONE of the following:
  - A) Earn 4 credits in 2 or more AP courses and take corresponding AP exams;
  - B) Earn 6 verifiable, transcripted college credits via courses designated as dual credit on the Indiana High School Course Titles Summary;
  - C) Earn a minimum of 3 verifiable, transcripted college credits via courses designated as dual credit on the Indiana High School Course Titles Summary AND earn 2 credits in AP courses and take corresponding AP exams;
  - D) Earn a SAT composite score of 1250 or higher and a minimum score of 560 on the math section and a 590 on the evidence based reading and writing section*;
  - E) Earn an ACT composite score of 26 or higher and complete the written section (ACT Plus Writing).
### PLAINFIELD HIGH SCHOOL CORE 40 w/TECHNICAL HONORS DIPLOMA GRADUATION REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENGLISH</strong></td>
<td>8 credits</td>
</tr>
<tr>
<td>• English 9 or English 9 Honors</td>
<td></td>
</tr>
<tr>
<td>• English 10 or English 10 Honors</td>
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<td>• English 11 or English 11 CP or English 11 Honors (CHAP) or AP Language</td>
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</tr>
<tr>
<td>• English 12 or English 12 CP or AP Literature</td>
<td></td>
</tr>
<tr>
<td><strong>MATHEMATICS</strong></td>
<td>6 credits (Earned during grades 9-12)</td>
</tr>
<tr>
<td>All students must earn 6 math credits after entering high school. Math credits earned prior to entering grade 9 may meet specific course pre-requisites and may count toward the credit requirements for a diploma, however 6 math credits must be earned during grades 9-12. Additionally, students must be enrolled in a math or quantitative reasoning course during each year of high school.</td>
<td></td>
</tr>
<tr>
<td>• Algebra I</td>
<td>2 credits</td>
</tr>
<tr>
<td>• Geometry</td>
<td>2 credits</td>
</tr>
<tr>
<td>• Algebra II</td>
<td>2 credits</td>
</tr>
<tr>
<td><strong>SCIENCE</strong></td>
<td>6 credits</td>
</tr>
<tr>
<td>• Biology I</td>
<td>2 credits</td>
</tr>
<tr>
<td>• Chemistry I Honors or Physics I Honors or Integrated Chemistry-Physics</td>
<td>2 credits</td>
</tr>
<tr>
<td>• Any additional Core 40 science course</td>
<td>2 credits</td>
</tr>
<tr>
<td><strong>SOCIAL STUDIES</strong></td>
<td>6 credits</td>
</tr>
<tr>
<td>• World History &amp; Civilization or AP World History</td>
<td>2 credits</td>
</tr>
<tr>
<td>• US History or US History/HIST102 IVY (DC) or US History Honors CHAP/HIST102 IVY (DC)</td>
<td>2 credits</td>
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<td>• US Government or AP US Government &amp; Politics or US Government Honors: “We the People”</td>
<td>2 credits</td>
</tr>
<tr>
<td>• Economics or AP Microeconomics</td>
<td>2 credits</td>
</tr>
<tr>
<td><strong>COLLEGE &amp; CAREER PATHWAY</strong></td>
<td>6 credits</td>
</tr>
<tr>
<td>• 6 credits in a related sequence from a career-technical program of study</td>
<td>6 credits</td>
</tr>
<tr>
<td><strong>PHYSICAL EDUCATION</strong></td>
<td>2 credits</td>
</tr>
<tr>
<td>• Physical Education I or Advanced PE I or Advanced PE I – Football</td>
<td>1 credit</td>
</tr>
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<td>• Physical Education II or Advanced PE II or Advanced PE II – Football</td>
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</tr>
<tr>
<td><strong>PCSC LOCAL REQUIREMENT</strong></td>
<td>2 courses</td>
</tr>
<tr>
<td>• Preparing for College and Careers</td>
<td>1-3 credits</td>
</tr>
<tr>
<td>• Personal Financial Responsibility</td>
<td></td>
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<tr>
<td>• PLTW: Introduction to Engineering Design IVY (DC)</td>
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<tr>
<td>• Digital Applications &amp; Responsibility or Computer Graphics (Computer Graphics only offered at PCMS and is NOT available for high school credit)</td>
<td></td>
</tr>
<tr>
<td><strong>ELECTIVES</strong></td>
<td>9-11 credits</td>
</tr>
<tr>
<td>• Academic courses within a college &amp; career pathway are recommended</td>
<td>9-11 credits</td>
</tr>
</tbody>
</table>

**47 CREDITS REQUIRED FOR THE CORE 40 WITH TECHNICAL HONORS DIPLOMA**

In addition to fulfilling the above requirements, students pursuing the Core 40 w/Technical Honors Diploma must:

- Earn a grade of a “C-“ or better in courses that will count toward the diploma;
- Have a grade point average of a 2.7 or higher;
- Earn 6 credits in the college and career preparation courses in a state-approved College & Career Pathway and **ONE** of the following:
  - State-approved, industry-recognized certification or credential -or-
  - Pathway dual credits from courses designated as dual credit on the Indiana High School Course Titles Summary resulting in 6 transcripted college credits
- Complete **ONE** of the following:
  A) Any one of the options (A – E) of the Core 40 w/Academic Honors (see page 5);
  B) Earn the following scores (or higher) on WorkKeys: Reading for Information – Level 6, Applied Mathematics – Level 6, and Locating Information – Level 5;
  C) Earn the following minimum score(s) on Accuplacer: Writing – 80, Reading – 90, Math – 75;
  D) Earn the following minimum score(s) on Compass: Algebra – 66, Writing – 70, Reading – 80.
COURSES TAKEN IN MIDDLE SCHOOL FOR HIGH SCHOOL CREDIT

High school credit will be awarded to middle school students who complete high school courses while in middle school. The courses will appear on the student’s high school transcript, and the grades will factor into the cumulative GPA. If a student is completing Algebra I in middle school, he/she must earn a grade of “C+” or higher in order to enroll in the next sequenced math course, which is Geometry. If the student does not earn a “C+” or higher in the middle school Algebra I course, he/she will retake Algebra I at the high school as a 9th grade student. Students may repeat any courses taken in middle school for high school credit to attempt a higher grade. Refer to “Repeating a Course” within the Policies & Procedures portion of this handbook (page 17).

CLASS RANK & SENIOR ACADEMIC RECOGNITION

The weighted cumulative GPA is used to determine class rank at the completion of each semester. The senior valedictorian (class rank of 1) and senior salutatorian (class rank of 2) are determined at the end of eight semesters.

The senior “Top 20” is also calculated at the end of eight semesters. This distinction will be honored for the Class of 2019 and the Class of 2020.

Plainfield High School will begin using a collegiate-style system to honor senior graduates beginning with 2018. This system will be used exclusively for the Class of 2021 and beyond.

- **Summa Cum Laude**: Student graduating with an Honors or Technical Honors diploma and a weighted GPA of at least 4.5.
- **Magna Cum Laude**: Student graduating with an Honors or Technical Honors diploma and a weighted GPA of at least 4.2.
- **Cum Laude**: Student graduating with any PHS diploma and a weighted GPA of at least 4.0.

QUANTITATIVE REASONING COURSES

All students earning a Core 40, Core 40 w/Academic Honors (AHD), and/or Core 40 w/Technical Honors (THD) diploma are required to take a mathematics course or a quantitative reasoning course each year that they are enrolled in high school. Students receiving a General Diploma must earn two credits in a mathematics course or a quantitative reasoning course during their junior or senior year.

A quantitative reasoning course is a high school course that “advances a student’s ability to apply mathematics in real world situations and contexts” and that “deepens a student’s understanding of high school mathematics standards.”

The chart below provides a list of courses at PHS that have been determined to meet the criteria for quantitative reasoning courses for 2018-2019. Quantitative reasoning courses are also designated as such within course descriptions throughout this handbook.

<table>
<thead>
<tr>
<th>BEN DAVIS AREA 31 CAREER CENTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Advanced Manufacturing II</td>
</tr>
<tr>
<td>• Aviation Aerospace Engineering</td>
</tr>
<tr>
<td>• Aviation Maintenance</td>
</tr>
<tr>
<td>• Construction Trades II</td>
</tr>
<tr>
<td>• Construction Trades: HVAC II</td>
</tr>
<tr>
<td>• Landscape Management I</td>
</tr>
<tr>
<td>• Precision Machining I</td>
</tr>
<tr>
<td>• Precision Machining II</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BUSINESS EDUCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Advanced Accounting</td>
</tr>
<tr>
<td>• AdvAcct/ACCT100 VU (DC)</td>
</tr>
<tr>
<td>• Computer Science II: Programming</td>
</tr>
<tr>
<td>• Personal Financial Responsibility</td>
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</tbody>
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<table>
<thead>
<tr>
<th>ENGINEERING &amp; TECHNOLOGY EDUCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>• PLTW: Civil Engineering &amp; Architecture/DESN105 IVY (DC)</td>
</tr>
<tr>
<td>• PLTW: Engineering Design &amp; Development</td>
</tr>
<tr>
<td>• PLTW: Digital Electronics/EECT 112 IVY (DC)</td>
</tr>
<tr>
<td>• PLTW: Principles of Engineering/DESN104 IVY (DC)</td>
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</tbody>
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<table>
<thead>
<tr>
<th>SCIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>• AP Chemistry</td>
</tr>
<tr>
<td>• AP Physics 1: Algebra-Based</td>
</tr>
<tr>
<td>• AP Physics 2: Algebra-Based</td>
</tr>
<tr>
<td>• Chemistry I Honors</td>
</tr>
<tr>
<td>• Integrated Chemistry-Physics</td>
</tr>
<tr>
<td>• Physics I Honors</td>
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</tbody>
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<table>
<thead>
<tr>
<th>SOCIAL STUDIES</th>
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</thead>
<tbody>
<tr>
<td>• AP Microeconomics</td>
</tr>
<tr>
<td>• Economics</td>
</tr>
</tbody>
</table>

2018 – 2019 PATHFINDER CURRICULUM HANDBOOK back to table of contents 9
**CAREER & TECHNICAL EDUCATION COURSES**

All students earning a Core 40 diploma must attain at least 5 directed elective credits in order to graduate. Directed electives are courses in fine arts, world languages, and career & technical education (CTE). Career & technical education courses specialize in skilled trades, applied sciences, modern technologies, and career preparation. These courses are meant to prepare students for a wide variety of high-wage, high-skill and high demand careers. The chart below provides a current listing of CTE courses at PHS for the 2018-2019 school year. Career & technical education courses are also designated as such within course descriptions throughout this handbook.

**BEN DAVIS AREA 31 CAREER CENTER**

- All Area 31 Career Center courses except American Sign Language I & American Sign Language II are CTE courses

<table>
<thead>
<tr>
<th>BUSINESS EDUCATION</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Accounting</td>
<td></td>
</tr>
<tr>
<td>AdvAcct/ACCT100 VU (DC)</td>
<td></td>
</tr>
<tr>
<td>AdvBusCC: IntroAcct/ACCT100 VU (DC)</td>
<td></td>
</tr>
<tr>
<td>Administrative &amp; Office Management: School Store</td>
<td></td>
</tr>
<tr>
<td>Computer Science I</td>
<td></td>
</tr>
<tr>
<td>Computer Science II: Programming</td>
<td></td>
</tr>
<tr>
<td>Computer Tech Support – Instruction</td>
<td></td>
</tr>
<tr>
<td>Computer Tech Support – Field Experience</td>
<td></td>
</tr>
<tr>
<td>ICE – Related Instruction</td>
<td></td>
</tr>
<tr>
<td>ICE – On-the-Job Training</td>
<td></td>
</tr>
<tr>
<td>Introduction to Accounting</td>
<td></td>
</tr>
<tr>
<td>Introduction to Communications</td>
<td></td>
</tr>
<tr>
<td>Marketing in Hospitality</td>
<td></td>
</tr>
<tr>
<td>Merchandising</td>
<td></td>
</tr>
<tr>
<td>Preparing for College &amp; Careers</td>
<td></td>
</tr>
<tr>
<td>Principles of Business Management/BUSN101 IVY (DC)</td>
<td></td>
</tr>
<tr>
<td>Principles of Marketing/MKTG101 IVY (DC)</td>
<td></td>
</tr>
<tr>
<td>Sports &amp; Entertainment Marketing</td>
<td></td>
</tr>
<tr>
<td>Strategic Marketing/MKTG230 IVY (DC)</td>
<td></td>
</tr>
<tr>
<td>ICE-On-the-Job Training</td>
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</table>

<table>
<thead>
<tr>
<th>ENGINEERING &amp; TECHNOLOGY EDUCATION</th>
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</tr>
</thead>
<tbody>
<tr>
<td>PLTW: Intro to Engineering Design/DESN102 IVY (DC)</td>
<td></td>
</tr>
<tr>
<td>PLTW: Principles of Engineering Design/DESN104 IVY (DC)</td>
<td></td>
</tr>
<tr>
<td>PLTW: Civil Engineering &amp; Architecture/DESN105 IVY (DC)</td>
<td></td>
</tr>
<tr>
<td>PLTW: Engineering Design &amp; Development</td>
<td></td>
</tr>
<tr>
<td>PLTW: Digital Electronics/EECT 112 IVY (DC)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FAMILY &amp; CONSUMER SCIENCES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult Roles &amp; Responsibilities</td>
<td></td>
</tr>
<tr>
<td>Advanced Nutrition &amp; Wellness</td>
<td></td>
</tr>
<tr>
<td>Child Development</td>
<td></td>
</tr>
<tr>
<td>Education Professions I</td>
<td></td>
</tr>
<tr>
<td>Fashion &amp; Textiles Careers I</td>
<td></td>
</tr>
<tr>
<td>Introduction to Housing &amp; Interior Design</td>
<td></td>
</tr>
<tr>
<td>Nutrition &amp; Wellness</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SCIENCE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomy &amp; Physiology Honors</td>
<td></td>
</tr>
<tr>
<td>PLTW: Human Body Systems</td>
<td></td>
</tr>
<tr>
<td>PLTW: Medical Interventions</td>
<td></td>
</tr>
<tr>
<td>PLTW: Principles of Biomedical Sciences</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOCIAL STUDIES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>AdvSSCC: Criminal Justice I/CRIM101 IVY (DC)</td>
<td></td>
</tr>
</tbody>
</table>

**GRADUATION QUALIFYING EXAMS**

All students in the class of 2019 and 2020 must pass the ISTEP+ Grade 10 English/Language Arts Test and ISTEP+ Grade 10 Math Test to meet graduation testing requirements. Students must also take the ISTEP+ Grade 10 Science Test when the student completes Biology I. All students in the classes of 2021 and beyond will likely be required to take a Graduation Qualifying Exam and/or complete another graduation pathway in order to graduate with a Plainfield High School diploma. Currently, the State of Indiana has not determined the specifics of this process. Once the State has released more information about the process, that information be will shared with Plainfield students and families.

State law provides that a student who successfully meets the Core 40 requirements may still graduate without passing the ECAs. State law also provides that a student may graduate without passing the ECAs by successfully appealing the student’s test results under criteria adopted by the State Board criteria (IC 20-32-4-4). The student must have taken the graduation test in the subject area or areas in which the student did not achieve a passing score at least one (1) time every year during his sophomore, junior, and senior years in high school;

- Completed ECA remediation opportunities provided by the school;
- Maintained a minimum attendance rate of 95 percent (excused absences are not counted against the attendance rate);
- Maintain a “C” average (this will include a 1.7 GPA) in the courses required for graduation;
- Satisfied any other state and local graduation requirements; and
- Obtained a written recommendation supporting the request for the appeal from the student’s teacher(s) in the subject area(s) in which the student has not achieved a passing score.
**GRADING SCALE**

Plainfield High School has established the recommended grading scale below. Grading scales are provided to guide teachers when utilizing professional judgment in evaluating students. The semester grade is the product of a semester’s worth of coursework. All courses will have a final exam. The final exam will count as 15% (unless otherwise noted) of the final grade. Questions regarding course grading procedures and standards should be referred to the course instructor.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Cumulative GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>97-100%</td>
</tr>
<tr>
<td>A</td>
<td>93-96%</td>
</tr>
<tr>
<td>A-</td>
<td>90-92%</td>
</tr>
<tr>
<td>B+</td>
<td>87-89%</td>
</tr>
<tr>
<td>B</td>
<td>83-86%</td>
</tr>
<tr>
<td>B-</td>
<td>80-82%</td>
</tr>
<tr>
<td>C+</td>
<td>77-79%</td>
</tr>
<tr>
<td>C</td>
<td>73-76%</td>
</tr>
<tr>
<td>C-</td>
<td>70-72%</td>
</tr>
<tr>
<td>D+</td>
<td>67-69%</td>
</tr>
<tr>
<td>D</td>
<td>63-66%</td>
</tr>
<tr>
<td>D-</td>
<td>60-62%</td>
</tr>
<tr>
<td>F</td>
<td>59% and below</td>
</tr>
</tbody>
</table>

**GRADE POINT AVERAGE (GPA)**

Grade Point Averages (GPAs) are calculated at the end of each semester and are based on semester grades. A student’s cumulative GPA is the average of all semester grades completed by the student throughout high school. To calculate the GPA, each semester grade is given a point value. The total points are then added together and divided by the number of credits attempted (a grade of “F” or “WF” is considered a credit attempted). Each grade receives the following points:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>4.000</td>
</tr>
<tr>
<td>A</td>
<td>4.000</td>
</tr>
<tr>
<td>A-</td>
<td>3.667</td>
</tr>
<tr>
<td>B+</td>
<td>3.333</td>
</tr>
<tr>
<td>B</td>
<td>3.000</td>
</tr>
<tr>
<td>B-</td>
<td>2.667</td>
</tr>
<tr>
<td>C+</td>
<td>2.333</td>
</tr>
<tr>
<td>C</td>
<td>2.000</td>
</tr>
<tr>
<td>C-</td>
<td>1.667</td>
</tr>
<tr>
<td>D+</td>
<td>1.333</td>
</tr>
<tr>
<td>D</td>
<td>1.000</td>
</tr>
<tr>
<td>D-</td>
<td>0.667</td>
</tr>
<tr>
<td>F</td>
<td>0.000</td>
</tr>
</tbody>
</table>

| Honor Roll | 3.0 – 3.49 semester GPA |
| High_Honor Roll | 3.5 and higher semester GPA |

**GRADE-WEIGHTED COURSES**

Plainfield High School has adopted a cumulative GPA weighting system. In this system of weighting courses, points are added to the cumulative GPA. The weighted cumulative GPA is then used to determine class rank. The add-on formula used to calculate the points added to the cumulative GPA takes into account the number of grade-weighted credits earned/semesters a student has completed in high school. The points added will change each semester as more weighted credits are earned and more semesters toward graduation are completed.

Beginning with the class of 2021, Plainfield High School will refine the grade weighting system. Creating a two-tiered system rewards taking rigorous courses.

- Tier 1: All current weighted classes would receive the current 0.167 per course taken.
- Tier 2: All AP courses taken at PHS with a completed AP Test would receive 0.217 per course / test completed.
  - If a student took an online AP class, or an AP class at PHS but not the AP test, then they would receive Tier 1 weighting (0.167).

\[
\frac{0.167 \times \text{Number of grade weighted credits earned}}{\text{Semesters completed}} = \text{Total points added to Cumulative GPA}
\]

\[
\frac{(0.167 \times \text{Number of Tier I credits earned}) + (0.217 \times \text{Number of Tier II credits earned})}{\text{Semesters completed}} = \text{Total points added to Cumulative GPA}
\]

**Please Note**: Students who transfer to PHS with honors courses on their transcript will have their transcript reviewed by the guidance office. Upon verification that the courses target higher ability students, are considered more rigorous and would prepare a student for the next level, such as Advanced Placement (AP), the course will receive weighted value, provided it is offered and considered a weighted course at Plainfield High School. AP courses will be transferred and counted as weighted, provided the course is offered at Plainfield High School.
Grade-weighted courses offered at PHS for the 2018-2019 school year are listed below:

**BUSINESS EDUCATION**
- Principles of Marketing
- Principles of Marketing/MKTG101 IVY (DC)

**PLTW BIOMEDICAL SCIENCES**
- PLTW: Human Body Systems
- PLTW: Medical Interventions

**PLTW ENGINEERING & TECHNOLOGY EDUCATION**
- PLTW: Principles of Engineering/DESN104 IVY (DC)
- PLTW: Civil Engineering & Architecture/DESN105 IVY (DC)
- PLTW: Engineering Design & Development
- PLTW: Digital Electronics/ECTT 112 IVY (DC)

**SCIENCE**
- Anatomy & Physiology Honors
- Chemistry I Honors
- +AP Chemistry
- Physics I Honors
- +AP Physics 1: Algebra-Based
- +AP Physics 2: Algebra-Based
- +AP Biology

**ENGLISH**
- English 9 Honors
- English 10 Honors
- English 11 Honors – CHAP
- +AP English Language & Composition
- +AP English Literature & Composition
- Adv. Composition/ENGW131 IU (ACP)
- Advanced Speech/COLLP155 IU (ACP)

**SOCIAL STUDIES**
- +AP World History
- US History
- US History/HIST102 IVY (DC)
- US History Honors-CHAP/HIST102 IVY (DC)
- +US Government Honors – “We the People”
- +AP Government & Politics
- +AP Microeconomics
- Psychology/PSYC101 IVY (DC)
- AdvSSCC: Sociology/SOCI111 IVY (DC)
- CriminalJustice/CRIM101 IVY (DC)

**FINE ARTS**
- +AP Studio Art – Drawing Portfolio
- +AP Studio Art – 2D Design Portfolio
- +AP Music Theory

**MATH**
- Algebra II Honors
- College Algebra
- AdvMthCC: CollegeAlgebra/MATH102 VU (DC)
- Trigonometry
- Trigonometry/MATH104 VU (DC)
- Pre-Calculus/Trigonometry Honors
- Calculus/MathM211 IU (ACP)
- FiniteMath/MATH111 VU (DC)
- +AP Calculus AB
- +AP Calculus BC
- +AP Statistics

+ = Tier 2 weighted course (this is for the Class of 2021 and beyond)

**WORLD LANGUAGES**
- French IV
- German IV
- Spanish IV

Notes (applicable for Class of 2021 and beyond)
*If a student takes Calculus/Math211U (ACP) and takes the AP Calculus Exam Tier 2 weight will be added.
*Students earning credit in US Government Honors—“We the People” and AP Government & Politics will have Tier 2 weight added for each semester.
ADVANCED PLACEMENT (AP) COURSES

The Advanced Placement (AP) Program is sponsored by the College Board, a non-profit membership organization. The AP Program gives students an opportunity to experience college-level courses and exams while they are still in high school. The AP tests are scored on a 1 – 5 scale. Through this program, students may earn college credit, accelerated placement, or both for college. Because AP courses are equivalent to a college level course, students who take AP courses should expect to spend a considerable amount of time outside the classroom devoted to this rigorous coursework. As a general rule, expect to spend one hour of work per day outside the class per period. Book rental fees are usually higher for AP courses because students must purchase their own college textbook.

A new law, PL 91, requires all Indiana public colleges and universities (including all 2-year and 4-year institutions and accompanying satellites) to award college credits for Indiana secondary school students that earn a score of 3 or higher on College Board’s AP exam(s). Indiana public colleges and universities may require a score higher than 3 to award credits for a course that is a requirement for a student’s major; if a university chooses to do so, it must still award a student elective credits that count toward his/her overall degree requirements to graduate from college. Students should visit www.transferIN.net to see how AP exam scores can transfer into college credits at Indiana colleges and universities.

Students signed up for AP courses are required to take the AP exams in May. Presently, the Indiana Department of Education pays for English, science and math exams for juniors and seniors enrolled in AP courses only, and therefore, there is no cost to PHS students in these grade levels for these exams. All other tests require a fee; approximately $93 per test. For a complete course description and other information regarding AP courses visit: http://apcentral.collegeboard.com/apc/public/courses/descriptions/index.html.

Advanced Placement courses offered at PHS for the 2018-2019 school year are listed below:

**ENGLISH**
- AP Language & Composition
- AP Literature & Composition

**FINE ARTS**
- AP Studio Art – Drawing Portfolio
- AP Studio Art – 2D Design
- AP Music Theory

**MATH**
- AP Calculus AB
- AP Calculus BC
- AP Statistics

**SCIENCE**
- AP Chemistry
- AP Physics 1: Algebra-Based
- AP Physics 2: Algebra-Based
- AP Biology

**SOCIAL STUDIES**
- AP World History
- AP Government & Politics AP
- Microeconomics

DUAL CREDIT (DC) AND ADVANCED COLLEGE PROJECT (ACP) COURSES

Dual Credit (DC) and Advanced College Project (ACP) courses allow students to earn credit toward a high school diploma as well as a college degree. Though these courses may seem expensive for a high school class, they offer a significant savings to many families when compared to tuition at post-secondary institutions. In addition to their financial advantages, dual credit courses prepare students for the rigor of college work, and help many students qualify for an Academic Honors Diploma.

Students may take courses on a college campus while in high school. Students must receive approval from the Academic Review Committee and take all placement examinations required by the university. The student and his/her parent/guardian are responsible for the cost of the program as well as transportation. PHS offers courses from Vincennes University (VU), Ivy Tech Community College (IVY), and Indiana University (IU) taught on the PHS campus both during the school day and after school hours.
There are a few details to keep in mind when considering enrolling in dual credit and/or ACP courses:

- Some courses have certain criteria that must be met, such as minimum test scores on the PSAT, SAT, ACT or ACCUPLACER exams. Prerequisites and testing requirements can be found below. Students must meet entry requirements and take the course for college credit to receive any grade weighting.
- Some courses may transfer as college credit, but do not transfer as the identical course at another university. This is known as “undistributed credit.” But, in most cases, a class will transfer into the accepting university. Students should visit [www.transferIN.net](http://www.transferIN.net) to see how available dual credit and ACP courses can transfer to Indiana colleges and universities.
- Tuition cost per credit hour is set by the university and subject to change (See Appendix A); Textbooks for dual credit courses are dictated by the universities and are an additional cost for taking the course.

### TESTING and PREREQUISITES for DC & ACP Courses

The chart below outlines the testing and prerequisite requirements for Dual Credit and Advanced College Project courses offered at Plainfield High School. Where testing requirements are mandatory in reading, writing or math, only one qualifying test score is needed in each category.

<table>
<thead>
<tr>
<th>Course Name</th>
<th>College</th>
<th>Credit Hours</th>
<th>Minimum Critical Reading Subscores</th>
<th>Minimum Reading Scores</th>
<th>Minimum Writing Skills Subscores</th>
<th>Minimum English/ Writing Scores</th>
<th>Minimum Math Test Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>PSAT  SAT  ACT  ACC</td>
<td>PSAT  SAT  ACT  ACC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Psychology/PSYC101</td>
<td>IVY</td>
<td>3</td>
<td>25  25  18  76</td>
<td>26  27  17  80</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AdvSSCC: Sociology/SCCI11</td>
<td>IVY</td>
<td>3</td>
<td>25  25  18  76</td>
<td>26  27  17  80</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CrimeJustice/CRIM101</td>
<td>IVY</td>
<td>3</td>
<td>25  25  18  76</td>
<td>26  27  17  80</td>
<td></td>
<td></td>
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<tr>
<td>US History/HIST102</td>
<td>IVY</td>
<td>3</td>
<td>25  25  18  76</td>
<td>26  27  17  80</td>
<td></td>
<td></td>
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<tr>
<td>US Hist Hon-CHAP/HIST102</td>
<td>IVY</td>
<td>3</td>
<td>25  25  18  76</td>
<td>26  27  17  80</td>
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<tr>
<td>PrincBusMgmt/BUSN101</td>
<td>IVY</td>
<td>3</td>
<td>25  25  18  76</td>
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<tr>
<td>PrincMktg/MKTG101</td>
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<td>25  25  18  76</td>
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<td>StrategicMarketing/MKTG230</td>
<td>IVY</td>
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<tr>
<td>College Algebra/MATH102</td>
<td>VU</td>
<td>3</td>
<td>25  25  18  76</td>
<td>26  27  17  80</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Trigonometry/MATH104</td>
<td>VU</td>
<td>3</td>
<td>25  25  18  76</td>
<td>26  27  17  80</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finite Math/MATH111</td>
<td>VU</td>
<td>3</td>
<td>25  25  18  76</td>
<td>26  27  17  80</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AdvBusCC: IntroAcct/ACCT100</td>
<td>VU</td>
<td>3</td>
<td>25  25  18  76</td>
<td>26  27  17  80</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AdvAccounting/ACCT100</td>
<td>VU</td>
<td>3</td>
<td>25  25  18  76</td>
<td>26  27  17  80</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>PLTW: IED/DESN101</td>
<td>IVY</td>
<td>3</td>
<td>25  25  18  76</td>
<td>26  27  17  80</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>PLTW: POE/DESN104</td>
<td>IVY</td>
<td>3</td>
<td>25  25  18  76</td>
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<td>3</td>
<td>25  25  18  76</td>
<td>26  27  17  80</td>
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<td></td>
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</tr>
<tr>
<td>PLTW: DE/ECTI12</td>
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<td>25  25  18  76</td>
<td>26  27  17  80</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>AdvancedSpeech/COLLP155</td>
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<td>3</td>
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<td>26  27  17  80</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Calculus/MATHM211</td>
<td>IU</td>
<td>4</td>
<td>25  25  18  76</td>
<td>26  27  17  80</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COLLEGE & CAREER READINESS**

Due to the wide variations in college admission requirements, students are urged to check with the admissions office of prospective colleges and visit prospective colleges’ websites when planning their high school programs. College course catalogs are available online at most college websites. Most colleges require at least 28 of the credits earned for high school graduation to be devoted to academic courses. Be aware that college entrance requirements do change. The 11th and 12th grade years are when students should take the SAT and ACT college entrance exams. Additionally, juniors have the opportunity to earn scholarship monies through the National Merit Program by taking the PSAT Examination. For more information about the SAT and ACT programs, please visit [http://www.collegeboard.com](http://www.collegeboard.com/) and [http://www.act.org/aap/index.html](http://www.act.org/aap/index.html).
To prepare for college, students should do the following:

- Take recommended college preparatory courses. The preferred curriculum for the best preparation for college is the Academic Honors Diploma. Indiana Core 40 is the minimum standard to be followed;
- Maintain the best possible grades in courses to improve your GPA;
- Take the PSAT exam (practice SAT) in the fall of both your sophomore and junior years;
- Students are recommended to then take the SAT and/or ACT in the spring of their junior year and once again in the fall of their senior year. Have SAT and ACT scores sent to Plainfield High School (CEEB school code is 152852) as well as to your prospective colleges. (See Appendix B for 2018-2019 ACT & SAT Test Dates)
- Apply to colleges early during fall of the senior year. Some colleges and highly competitive programs may require an early application. It is recommended that all students submit college applications by fall break of their senior year;
- Complete and submit the FAFSA (Free Application for Federal Student Aid) before March 10th of your senior year to be considered for state and federal financial aid. Visit www.fafsa.ed.gov for more information on the FAFSA.

**COLLEGE and CAREER PATHWAYS**

The state-approved Career Clusters and College & Career Pathways, along with the sequence of courses recommended for each Pathway and the Course Frameworks, can be accessed by clicking the Career Cluster links below or through Naviance. College & Career Pathways provide a way for schools to organize instruction and student experiences around 13 broad categories that encompass virtually all occupations from entry through professional levels. Use this site to build 4-Year Course Plans & Course Frameworks. Start with a Career Cluster by selecting one of the 13 Career Clusters below. Then study the Career Pathway Models for the chosen area, and select a more specific Career Pathway from that Cluster. Visit www.doe.in.gov/pathways to learn more about the Indiana College & Career Pathways.

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<tr>
<th>Agriculture</th>
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<tr>
<td>Arts, AV Technology &amp; Communication</td>
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<td>Education &amp; Training</td>
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<td>Hospitality &amp; Human Services</td>
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<td>Transportation</td>
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Visit https://netsolutions.dwd.in.gov/hh50/jobList.aspx for a listing of the 50 fastest growing, high-wage jobs of tomorrow. The Hoosier Hot 50 Jobs are ranked on wages and demand in 2022 for the state of Indiana. Even though Hoosier Hot 50 Jobs focuses on the jobs of tomorrow, there are several jobs that are hot now.
Plainfield High School utilizes Naviance Family Connection to assist students and parents with the management of the college and career planning process. We encourage students and parents to visit Naviance Family Connection often for important updates and messages from the guidance office, and to access links to valuable college and career websites.

**See Appendix C for more details on how to utilize Naviance, as well as student and parent log-in instructions.**

**PLAINFIELD OPPORTUNITY ACADEMY (POA)**

Plainfield Opportunity Academy (POA) provides a performance-based, non-traditional educational environment to entice and enable individuals in grades 11 and 12 to complete their high school education. The non-traditional program is designed with maximum flexibility to meet the diverse needs of enrolled students. While attending POA, students can expect a guided, self-paced online curriculum along with a structured and balanced work environment. Each applicant must be committed to earning a high school diploma. Students interested in attending POA should see their school counselor for more information and to receive an application. Students must receive administration approval before enrolling at POA.

**AREA 31 CAREER/TECHNICAL PROGAMS**

Career/Technical education is available through Ben Davis Area 31 Career Center for interested junior and senior students. The majority of the programs at Area 31 two-year programs. Students enrolling in these programs are strongly encouraged to complete the entire two years of the program. Students may earn up to three credits each semester per course based on the career center’s schedule. Many of the programs at Area 31 Career Center also offer dual credit with colleges such as Ivy Tech and Vincennes University. Students enrolled in these programs spend half of their school day at the Area 31 Career Center (or another designated site) and half of their day at Plainfield High School. Transportation to and from the Area 31 Career Center may be available for the 2018-2019 school year. Course descriptions of the various career programs offered at the Area 31 Career Center can be found in this handbook.
POLICIES AND PROCEDURES

EDUCATIONAL RECORDS – TRANSCRIPTS AND REPORT CARDS
In accordance with state law, Plainfield High School has transitioned to electronic submission of transcripts. Students who need transcripts sent to colleges and universities make their requests in Naviance and should submit a College Application Checklist (if needed for college applications). The counselor will then confirm the request and forward the transcript electronically. This transcript will serve as an official transcript when this process is followed.

Parents/guardians and students are encouraged to use PowerSchool (http://powerschool.plainfield.k12.in.us) to check grades regularly. PowerSchool usernames and passwords are provided at registration. Paper midterm report cards are no longer provided; however, semester report cards are sent home to parents/guardians. If you need your PowerSchool username or password, please contact the guidance office.

ACADEMIC REVIEW COMMITTEE
The Academic Review Committee is charged with overseeing petitions for academic exceptions to school policy and procedure at Plainfield High School. The committee is comprised of at least one classroom teacher, one school counselor and one administrator. The committee meets periodically, and as needed, in order to review petitions holistically and provide a collective judgement on said petitions while maintaining the integrity of school policy and procedure.

CHANGES IN PRE-ENROLLED COURSE SELECTIONS
The course offerings at Plainfield High School are based upon student requests during pre-enrollment. Therefore, it is necessary for students to determine their course selections with a commitment to complete those courses. In the event that a student would deem it necessary to make a change in his/her course selections, the student must do so by April 27, 2018.

School counselors may need to utilize alternate courses if (1) an original course selection is not offered due to insufficient enrollment or (2) the student has selected two courses which conflict on the student’s schedule. Once schedules are built for the entire school, counselors may adjust a student’s schedule to obtain balanced class sizes. School counselors will make adjustments to the students’ course selections based on courses failed in the second semester and/or courses taken during the summer.

DROPPING AND/OR ADDING COURSES
If a student wishes to request a schedule change that involves adding or dropping a course, he/she must complete a Schedule Change Request Form which includes the student’s name, grade level, course to add/drop, as well as the student’s and parent/guardian’s signature. Schedule changes are discouraged and such requests will be given close scrutiny. All changes must be approved by the Academic Review Committee. There will be no schedule changes to accommodate a teacher preference. Students may drop a course for a study hall without penalty within the first four weeks of the semester. Removal from a course after this date will result in a “WF” for the course which will appear on the student’s transcript and factor into their cumulative GPA. Students may not “WF” a class and then request to be a teacher assistant.

Course additions/drops generally will be reviewed by the Academic Review Committee for the following reasons:

- Request to take courses to qualify for the Academic Honors Diploma and/or Technical Honors Diploma;
- Request to UPGRADE to a higher-level course;
- Failure of a course required for graduation;
- Addition of a course to replace a study hall;
- Dropping a non-academic course for a study hall (only one study hall per semester is permitted).
REPEATING A COURSE
Students **must** repeat failed courses that are required for graduation. Students **may** repeat courses via correspondence/online programs such as Indiana Online Academy (IOA), Brigham Young University, Plato, etc. at any point during their high school careers. Students can transfer in a maximum of 6 non-Plainfield credits during their high school career via correspondence/online programs and are permitted to take a maximum of 9 credits (seven at Plainfield High School and two off-campus) per semester in total.

The following rules will apply when repeating a course:

1) When repeating an already passed course, the highest grade earned will appear on the transcript and factor into the cumulative GPA. The lower grade will be changed to “NC” (No Credit) and will not factor into the cumulative GPA.

2) When repeating a failed course, the passing grade will appear on the transcript and will factor into the cumulative GPA. A grade of “F” or “WF” will always remain on the transcript as an attempted credit unless the failing grade was earned while taking courses for high school credit in middle school. In this instance, the “F” or “WF” will be changed to “NC” (No Credit) and will not factor into the cumulative GPA. In all other instances, the cumulative GPA is based on the total number of credits attempted, not earned.

3) If students prefer to repeat a course in a teacher-led, classroom environment during the school year, they must do so during the semester/school year immediately following their initial enrollment in the course. For example, a student who wishes to repeat *English 10 Honors* in the classroom must do so during their junior/11th grade year. Students will be allowed to repeat a course in a teacher-led classroom as seat availability permits.

4) When repeating a course, a student may go from an honors level course to a regular level (provided academic standards are the same for the two courses), but will forfeit the grade weight. For example, a student who earns a “D+” in *English 10 Honors* may opt to take *English 10* for a higher grade but will forfeit the grade weight.

INCOMPLETE GRADES
An Incomplete (I) may be given under certain situations in lieu of a grade when a student does not complete the requirements of the course. The student must make arrangements with the teacher to fulfill those requirements. Teachers must submit final grades for each student upon completion of the course or indicate to the principal what arrangements have been made to remove the “Incomplete”. Accommodations for individual situations shall be made by the building principal as the need arises. Each student has two weeks, 10 school days, after the last day of the grading period to fulfill the requirements of the course upon returning from an extended absence (three days or more). Any work not made up will be recorded as failing. Exceptions to this policy must be approved by the administration.

EARLY GRADUATION
Seven semesters of full-time attendance are required for graduation; however, eight (8) semesters are highly recommended. Students applying for early graduation must carry a full course-load. Early graduates may not participate in most student activities after leaving PHS such as athletics, musical programs and drama activities. However, students may attend prom, participate in Evening of Distinction and in any other honors recognition programs. These students are also eligible to participate in commencement ceremonies in May and will not receive their actual diplomas until commencement in May.

If a student wishes to graduate after seven semesters, he/she is to comply with the following policies:

1) All graduation requirements must be met by the end of the 7th semester;

2) Must have a passing score on the *ISTEP+ Mathematics* and the *ISTEP+ English*, both required for graduation;

3) Must have completed the 2nd semester of *English 12* during summer school (Indiana Online Academy) prior to the start of senior year (cannot be concurrently enrolled in the 1st and 2nd semesters of *English 12* during the 7th semester);

4) Completed and signed (by both student and parent/guardian) **Request for Early Graduation Form** must be submitted to the guidance office for approval by June 1st of the junior year.

A junior requesting to graduate **at the end of the 6th semester, must meet all graduation requirements by the end of six semesters and provide reasons and written consent signed by his/her parents/guardians (complete the Early Graduation Form).** This written request must be presented to the Academic Review Committee by September 30th of the junior year. Students requesting to graduate after 6 semesters cannot be the valedictorian, salutatorian or members of the “Top 20” of their graduating class, if applicable. Students graduating at six semesters may earn cum laude honors if requirements are met. A junior who is approved to graduate at the end of the sixth semester will be permitted to participate in the commencement ceremony with the senior class. Juniors who are approved to graduate after 6 semesters should apply for the **Mitch Daniels Early Graduation Scholarship**, if they are planning to attend an Indiana college. For more information on this scholarship visit [www.in.gov/ssaci/](http://www.in.gov/ssaci/).
TRANSFER STUDENTS – ENROLLMENT
Students transferring to Plainfield High School must make an appointment with the guidance office. Course selections, enrollment forms, and health forms will be reviewed with the school counselor. Students removed for disciplinary reasons from another school may be denied admission to Plainfield High School during the semester in which the disciplinary action occurred. The principal will make the final decision in this situation.

TRANSFER STUDENTS – CREDITS
- If the transferring student attended a school in Indiana or another state, approved/accredited by that state’s department of education, coursework will be accepted at face value if those courses are approved curriculum offerings. For credit or coursework to be accepted for courses taken in such schools, either a copy of the transcript or other assurance of compliance with minimum requirements established by the State must be provided.
- A course will be transferred and placed on the transferring student’s transcript only if the school system where the course was taken awarded high school credit for the course. This would be especially applicable to high school courses taken while in middle school.
- Recognition of credits or coursework shall be granted when the proper assurance and the student’s transcript has been received. The Plainfield Community School Corporation reserves the right to accept or deny the transfer of credits or coursework. If the student is deemed eligible and accepted, proper placement and to be assured the student can demonstrate the learning which is prerequisite to a placement.
- Grade-weighted courses are transferred as such if the courses are offered at PHS for a grade-weight; If the honors level/grade-weighted course is not offered for a grade-weight at PHS, grade-weight for the transferred course will not be awarded.
- When a student transfers into the school corporation from a non-accredited high school, his/her previous courses will be evaluated by the Academic Review Committee. Examinations may be administered for the subject(s) in question if the panel deems it appropriate. The student will be responsible for supplying an outline or syllabus for the courses that he/she has completed. All Indiana and School Corporation graduation requirements must be met.
- Although credits from nonpublic schools may be granted and placed on a student’s transcript, no grades will be entered on the transcript or considered for class ranking. Only grades awarded for courses taken at PCSC or at a school approved or certified by a State education agency shall be considered in class ranking and for entering on the transcript.

CORRESPONDENCE CREDIT/ONLINE COURSES
A student considering completing coursework online through an institution such as IU Independent Studies, Indiana Online Academy, or Brigham Young University, should discuss this option with his/her school counselor. The Academic Review Committee must give written permission for the approval of the online credit toward graduation requirements. A maximum of six credits by online/night school may be applied toward graduation requirements. A student may be enrolled in a maximum of nine credit-bearing classes during any given semester (seven at Plainfield High School and two off-campus). All online coursework should be completed by May 1st. Cost of online or correspondence courses is the responsibility of the family. Only courses that are offered by accredited institutions approved by the state of Indiana will be approved.

ATHLETIC ELIGIBILITY
The Indiana High School Athletic Association regulations determine the minimum standards that a student must meet in order to participate in athletic contests with students of other schools. These regulations require a student, at the time of participating in such a contest, to have received passing grades at the end of their last grading period in a minimum of five credit-bearing courses. Semester grades take precedence. Athletes must be enrolled in a minimum of five credit-bearing courses. All students representing Plainfield High School in extracurricular athletic activities are subject to these standards.
NAIA & NCAA DIVISION I/II ELIGIBILITY

Please Note: All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will no longer be used. When registering for the SAT or ACT, use the code of 9999 to make sure the score is reported to the NCAA Eligibility Center. Division I and II student athletes must be certified by the NCAA Eligibility Center. Students should register at www.eligibilitycenter.org. Students should consult with their coaches and the guidance office at the end of the junior year or the fall of the senior year for more information.

Division I requirements for a full-qualifier (may receive athletics aid, practice, and compete during 1st year of enrollment):

1) Complete 16 core courses* – 4 years of English; 3 years of Mathematics (Algebra I or higher); 2 years of Natural/Physical Science (1 year of lab); 1 year of additional English, Mathematics, or Natural/Physical Science; 2 years of Social Science; 4 years of additional courses (from any aforementioned area, foreign language, or comparative religion/philosophy).

2) Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
   a. Seven of the 10 core courses must be English, math or science.

3) Have a minimum core-course GPA of 2.3.
   a. Grades earned in the 10 required courses required before the senior year are “locked in” for purposes of GPA calculation.
      i. A repeat of one of the “locked in” courses will not be used to improve the GPA if taken after the seventh semester begins.

4) Meet the competition sliding scale requirement of GPA and ACT/SAT score. Visit the NCAA Eligibility Center website at www.eligibilitycenter.org for specific GPA/testing specifics.

5) Graduate from high school.

Division II requirements for a full qualifier (may receive athletics aid, practice, and compete during 1st year of enrollment):

1) Complete 16 core courses* – 3 years of English; 2 years of Mathematics (Algebra I or higher); 2 years of Natural/Physical Science (1 year of lab); 3 years of additional English, Mathematics, or Natural/Physical Science; 2 years of Social Science; 4 years of additional courses (from any aforementioned area, foreign language, or comparative religion/philosophy).

2) Have a minimum core-course GPA of 2.2.

3) Have a minimum SAT score of 820 (Critical Reading/Math only) or an ACT sum of 68.

4) Meet the competition sliding scale requirement of GPA and ACT/SAT score. Visit the NCAA Eligibility Center website at www.eligibilitycenter.org for specific GPA/testing specifics.

NAIA Division III students must gain admission to the college, but do not have to register with the Eligibility Center.

*A list of PHS approved core-courses may be found on the NCAA Eligibility Center website at www.eligibility.org.

NAIA students must register at www.playnaia.org prior to college enrollment, and must have their SAT/ACT scores sent to the NAIA Eligibility Center using the following code, 9876. In order to be eligible with NAIA, a student must complete 2 out of the following 3:

- 2.0 GPA
- Graduate in top 50% of class
- Have a minimum 860 on SAT (math & verbal) or minimum 16 composite on the ACT
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<td>Merchandising</td>
<td>4162F/S Instrumental Ensemble – Percussion</td>
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<td>4170F/S Adv Concert Band – Wind Ensemble</td>
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<td>Introduction to Accounting</td>
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<td>42105 AP Music Theory*</td>
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<td>AdvAcct/ACCT100 VU (DC)</td>
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<td>Geometry Lab DB</td>
<td>2124R/S Spanish III</td>
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<td>2126F/S Spanish IV*</td>
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<td>0050F/S Basic Skills ISTEP Prep</td>
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<td>5608VF/VS</td>
<td>A31 Advanced Manufacturing I (AM)</td>
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<td>5606VF/VS</td>
<td>A31 Advanced Manufacturing II (AM)</td>
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<td>5510AVF/AVS</td>
<td>A31 Automotive Service Technology I (AM)</td>
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<td>5510PVF/PVS</td>
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<td>5546PVF/PVS</td>
<td>A31 Automotive Service Technology II (PM)</td>
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<td>A31 Aviation Flight and Operations Technology (AM)</td>
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<td>5520PVF/PVS</td>
<td>A31 Aviation Maintenance Technology (PM)</td>
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<td>A31 Collision Repair Technology I (AM)</td>
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<td>5544VF/VS</td>
<td>A31 Collision Repair Technology I (PM)</td>
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<td>A31 Computer Tech Support &amp; Networking (AM)</td>
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<td>A31 Computer Tech Support &amp; Networking (PM)</td>
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<td>5580AVF/AVS</td>
<td>A31 Construction Trades I (AM)</td>
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<td>5580PVF/PVS</td>
<td>A31 Construction Trades I (PM)</td>
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<td>5578AVF/AVS</td>
<td>A31 Construction Trades II (AM)</td>
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<td>A31 Construction Trades II (PM)</td>
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<td>5496VF/VS</td>
<td>A31 Construction Trades – HVAC I (AM)</td>
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<td>5498VF/VS</td>
<td>A31 Construction Trades – HVAC II (PM)</td>
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<td>5802AVF/AVS</td>
<td>A31 Cosmetology I (AM)</td>
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<td>5802PVF/PVS</td>
<td>A31 Cosmetology I (PM)</td>
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<tr>
<td>5806VF/VS</td>
<td>A31 Cosmetology II (PM)</td>
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<td>5822AVF/AVS</td>
<td>A31 Criminal Justice I (AM)</td>
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<td>5822PVF/PVS</td>
<td>A31 Criminal Justice I (PM)</td>
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<td>A31 Culinary Arts &amp; Hospitality I (PM)</td>
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<td>5346VF/VS</td>
<td>A31 Culinary Arts &amp; Hospitality II: Culinary Arts (AM)</td>
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<td>5203AVF/AVS</td>
<td>A31 Dental Careers I (AM)</td>
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<td>5203PVF/PVS</td>
<td>A31 Dental Careers I (PM)</td>
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<td>A31 Early Childhood Education I (PM)</td>
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<td>5406VF/VS</td>
<td>A31 Early Childhood Education II – Co-op (AM)</td>
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<td>5210PVF/PVS</td>
<td>A31 Emergency Medical Services (Fire &amp; Rescue II) (PM)</td>
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<td>5820VF/VS</td>
<td>A31 Fire &amp; Rescue I (PM)</td>
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<td>5572IVF/IVS</td>
<td>A31 Graphic Imaging Technology (AM)</td>
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<td>5282AVF/AVS</td>
<td>A31 Health Science Education I (AM)</td>
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<td>5282PVF/PVS</td>
<td>A31 Health Science Education I (PM)</td>
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<tr>
<td>5284VF/VS</td>
<td>A31 Health Science Education II – CNA Co-op (PM)</td>
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<tr>
<td>5286VF/VS</td>
<td>A31 Health Science Education II – Medical Assisting (PM)</td>
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<tr>
<td>5214AVF/AVS</td>
<td>A31 Health Science Education II – Pharmacy (AM)</td>
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<td>A31 Health Science Education II – Pharmacy (PM)</td>
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<td>5136VF/VS</td>
<td>A31 Landscape Management I (AM)</td>
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<td>5137AVF/AVS</td>
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<td>5137PVF/PVS</td>
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<td>5782VF/VS</td>
<td>A31 Precision Machining I (AM)</td>
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<td>A31 Precision Machining II (PM)</td>
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<td>5986RVF/RVS</td>
<td>A31 Radio &amp; Television I: Radio &amp; TV (AM)</td>
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<td>5992RVF/RVS</td>
<td>A31 Radio &amp; Television II: Radio &amp; TV (PM)</td>
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<tr>
<td>5601PVF/PVS</td>
<td>A31 Supply Chain Mgmt &amp; Logistics (PM)</td>
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<td>5622VS</td>
<td>A31 Tractor/Trailer Operation (PM)</td>
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<td>5776AVF/AVS</td>
<td>A31 Welding Technology I (AM)</td>
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<td>5776PVF/PVS</td>
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</table>
The following charts illustrate a variety of study sequences within the Business department. There are multiple paths that students may take. All final decisions should be made with the student’s school counselor.

**Business/Marketing Management**

- **Preparing for College & Careers** (9th or 10th)
- **Principles of Business Management** (9th)  
  *Required course to take advanced business*
- **Intro to Communications** (10th - 12th)
- **Principles of Marketing** (10th-12th)
- **Admin & Office Management - School Store** (11th)
- **Marketing in Hospitality & Tourism** (11th)
- **Merchandising** (11th)
- **Sports & Entertainment Marketing** (11th)
- **Strategic Marketing** (12th)

**Computer Science/Programming**

- **Intro to Computer Science** (9th)
- **Digital Apps & Responsibility** (9th)
- **Computer Science I** (10th)
- **Intro to Computer Science** (10th)
- **Computer Tech Support** (10th)
- **Computer Science I** (11th)
- **Intro to Computer Science** (11th)
- **Computer Science II: Programming** (11th)
- **Computer Tech Support** (12th)
- **Computer Science II: Programming** (12th)
- **Computer Science I** (12th)

**Accounting & Financial Services**

- **Principles of Business Marketing** (9th)
- **Intro to Accounting** (10th)
- **Advanced Accounting** (11th)
- **Personal Financial Responsibility** (11th)
- **ICE** (12th)

Department Chair: Mr. Jeff McKeon
DIGITAL APPLICATIONS & RESPONSIBILITY
Course Number: 4828 Grades 9 – 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD elective & directed elective course
• Prepare students to use technology in an effective and appropriate manner in school, in a job, or everyday life
• Learn what it means to be a good digital citizen and how to use technology, including social media, responsibly
• Expand their knowledge of how to use digital devices and software to build decision-making and problem-solving skills
Note: Successful completion of this course fulfills 1 of the 2 local requirement courses for graduation

PREPARING FOR COLLEGE AND CAREERS
Course Number: 5394 Grades 9 – 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD elective & directed elective course
• Acquire a self-profile and perform a self-assessment for post-secondary opportunities
• Explore the 16 national career clusters and the Indiana College and Career Pathways
• Develop a resume and cover letter and participate in an interview simulation
• Execute a six-week financial literacy program
Note: Successful completion of this course fulfills 1 of the 2 local requirement courses for graduation.

INTRODUCTION TO COMMUNICATIONS
Course Numbers: 4790F – 4790S Grades 10 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course
• Identify and use modern communication to exchange messages and information
• Explore the application of the tools, materials, and techniques used to design, produce, use, and assess systems of communication
• Produce graphic and electronic media as applied communication technologies
• Explore the various technical processes used to link ideas and people through the use of electronic and graphic media
• Study an overview of communication technology; the way it has evolved, how messages are designed and produced, and how people may profit from creating information services and products
• Explore mass media communication processes including radio and television broadcasting, publishing and printing activities, telecommunication networks, recording services, computer and data processing networks, and other related systems
• Use the design process to solve design projects in each communication area.

PRINCIPLES OF BUSINESS MANAGEMENT
Course Number: 4562 Grades 9 – 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD elective & directed elective course
PRINCBUSMGMT/BUSN101 IVY (DC)
Prerequisite: Please refer to the testing prerequisite chart on p.14 for qualifying test scores
Course Number: 4562D Grades 9 – 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD elective & directed elective course
• Focus on the roles and responsibilities of managers
• Focus on opportunities and challenges of ethically managing a business in the free-enterprise system
• Attain an understanding of management, team building, leadership, problem-solving steps and process that contribute to the achievement of organizational goals
• Study the management of human and financial resources
Note: Students will earn 3 Ivy Tech college credits upon successful completion of the 4562D PrincBusMgmt/BUSN101 IVY (DC) course.

PRINCIPLES OF MARKETING
Course Number: 5914F – 5914S Grades 10 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course
PRINCMKTG/MKTG101 IVY (DC)
Prerequisite: Please refer to the testing prerequisite chart on p.14 for qualifying test scores
Course Number: 5914DF – 5914DS Grades 10 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course
• Provide introduction of importance of marketing in global economy
• Apply advanced concepts of marketing functions: advertising, selling, distribution, financing, marketing information management, pricing, and product service management
• Focus on consumer behavior and marketing
• Study business management
• Emphasize problem solving and critical thinking skills
• Complete advanced projects and collaboration
• Emphasize oral and written communication skills in dual credit course
Note: This is a grade-weighted course; Participation in DECA is recommended for this course; Students will earn 3 Ivy Tech college credits upon successful completion of the 5914DF/S PRINCMKTG/MKTG101 IVY (DC) course.
MARKETING IN HOSPITALITY AND TOURISM

Prerequisite: Principles of Marketing
Course Number: 5982 Grades 11 – 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD elective & directed elective course
- Develop student understanding of marketing in hospitality, travel and tourism industry
- Gain experiences in marketing information management, pricing, product/service management, promotion, and selling in the hospitality, travel, and tourism industry

Note: This course will be offered during the 2019-2020 school year.

MERCHANDISING – FASHION

Prerequisite: Principles of Marketing
Course Number: 5962 Grades 11 – 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD elective & directed elective course
- Explore the marketing of apparel and accessories
- Cover skills related to apparel design, selling, pricing, distribution, fashion promotion, visual merchandising, fashion cycles, fashion theories and career opportunities in the fashion industry

Note: Participation in DECA is recommended for this course.
Note: This course will be offered during the 2018-2019 school year.

SPORTS AND ENTERTAINMENT MARKETING

Prerequisite: Principles of Marketing
Course Number: 5984 Grades 11 – 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD elective & directed elective course
- Develop marketing concepts related to sports and entertainment industries
- Develop problem solving and critical thinking skills
- Focus on marketing in sports/entertainment industries in group projects
- Emphasize written and oral communication skills

Note: This course will be offered during the 2018-2019 school year.

INTRODUCTION TO ACCOUNTING

Course Numbers: 4524F – 4524S Grades 10 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course

ADV BusCC: Intro Acct/ACCT100 VU (DC)

College tuition: $75, payable to Vincennes University
Course Numbers: 4564ADF – 4564ADS Grades 11 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course
- Introduce the language of business using Generally Accepted Accounting Principles (GAAP)
- Explain the rules and procedures for proprietorships and partnerships using double-entry accounting
- Emphasize accounting principles as they relate to both manual and automated financial systems
- Involve understanding, analyzing, and recording business transactions and preparing, analyzing, and interpreting financial reports as a basis for decision making
- Apply instructional strategies that include the use of computers, projects, simulations, case studies, and business experiences requiring the application of accounting theories and principles

Note: This course is strongly suggested for college-bound business students; Students will earn 3 Vincennes University college credits upon successful completion of the 4564ADF-4564ADS AdvBusCC: IntroAcct/ACCT100 VU (DC) course; Dual-credit is only available to students in grades 11 and 12.

ADVANCED ACCOUNTING

Prerequisite: Introduction to Accounting
Course Numbers: 4522F – 4522S Grades 11 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course

ADV ACCOUNTING/ACCT100 VU (DC)

Prerequisite: Introduction to Accounting
College tuition: $75, payable to Vincennes University
Course Numbers: 4522DF – 4522DS Grades 11 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course
- Provide instruction in finance and business fundamentals as they relate to financial institutions, financial planning, business and personal financial services, investment and securities, risk management, and corporate finance
- Provide opportunities to develop attitudes and apply skills and knowledge in the area of finance

Note: This course is strongly suggested for college-bound business students; Students who have not previously earned college credits via the Intro to Accounting course may enroll in the 4522DF-4522DS IntroAcct/ACCT100 VU (DC) course. Students will earn 3 Vincennes University college credits upon successful completion of this course.

PERSONAL FINANCIAL RESPONSIBILITY

Course Number: 4540 Grades 11 – 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD elective & directed elective course
- Learn to identify and manage personal financial resources to meet the financial needs and wants of individuals and families
- Develop skills in financial responsibility and decision making; identify sources of income, savings and investing
- Understand banking, budgeting, record-keeping, insurance and credit card debt
- Use project-based approach through authentic settings to support knowledge attainment
- Use real-life simulation in form of budget challenge

Note: Successful completion of this course fulfills 1 of the 2 local requirement courses for graduation.
INTRODUCTION TO COMPUTER SCIENCE
Course Number: 4803 Grades 9 – 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD elective & directed elective course
- Explore a broad understanding of the areas comprising computer science
- Focus on the areas of computer programming, gaming/mobile development, and artificial intelligence/robotic

COMPUTER SCIENCE I
Prerequisite: Introduction to Computer Science
Course Numbers: 4801F – 4801S Grades 10 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course
- Learn the fundamental concepts of programming through explanations and effects of commands and hands-on utilization of lab equipment to produce correct and accurate outputs
- Learn program algorithm development, input/output techniques, looping, modules, selection structures, file handling, flowcharting, pseudo coding, and hierarchy charts as a means of solving problems
- Create file layouts, print charts, program narratives, user documentation and system flowcharts for business problems

COMPUTER SCIENCE II: PROGRAMMING
Prerequisite: Computer Science I
Course Numbers: 5236F – 5236S Grades 11 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course
- Explore and build skills in programming and a basic understanding of the fundamentals of procedural program development using structured, modular elements
- Learn the role of data types, variables, structures, addressable memory locations, arrays and pointers and data oriented program functions

COMPUTER TECH SUPPORT – INSTRUCTION
Course Numbers: 5230IF – 5230IS Grades 10 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course

COMPUTER TECH SUPPORT – FIELD EXPERIENCE
Prerequisite: Digital Applications & Responsibility OR IC Tech OR Computer Programming/Science OR Instructor approval; Application required
Course Numbers: 5230EF – 523ES Grades 10 – 12
TWO SEMESTERS 2 – 4 Credits
Core 40, AHD & THD elective & directed elective course
- Explore how computers work
- Learn the functionality of hardware and software components as well as suggested best practices in maintenance and safety issues
- Learn how to assemble and configure a computer, install operating systems and software, and troubleshoot hardware and software problems

Note: Students will be trained as technology technician interns and will assist with troubleshooting computer/device issues of students and staff; Students can enroll in consecutive years of Computer Tech Support – Field Experience; Students can earn a maximum of 6 credits for this course

STRATEGIC MARKETING
Course Numbers: 5918F – 5918S Grade 12
Prerequisite: Principles of Marketing
STRAĐTGTKG/MKTG230 IVY (DC)
Course Numbers: 5918DF – 5918DS Grade 12
Prerequisite: Principles of Marketing; Please refer to the testing prerequisite chart on p.14 for qualifying test scores
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course
- Build upon the foundations of marketing and apply the functions of marketing at an advanced level
- Study the basic principles of consumer behavior and examine the application of theories from psychology, social psychology, and economics
- Study the relations hip between consumer behavior and marketing activities
Note: Participation in DECA is recommended for this course; Students will earn 3 Ivy Tech college credits upon successful completion of the 5918DF/S STRATMKTG/MKTG230 IVY (DC) course.
Note: This course will be offered during the 2019-2020 school year.

ADMIN & OFFICE MANAGEMENT – SCHOOL STORE
Prerequisite: Intro to Business OR Principles of Business Management OR Principles of Marketing AND instructor approval
Course Numbers: 5268F – 5268S Grades 11 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course
- Apply functions of marketing at an advanced level
- Study basic principles of consumer behavior
- Study relationship between consumer behavior and marketing activities
- Perform operations associated with retail sales, including being required at times to operate the store at sporting events
- Maintain 80% in class work to be able to work in the store
INTERDISCIPLINARY COOPERATIVE EDUCATION – ICE
Prerequisite: A minimum of four credits in a logical sequence of course from program areas related to a career pathway
ICE Related Instruction
Course Numbers: 5902RF – 5902RS Grade 12
TWO SEMESTERS 2 credits
Core 40, AHD & THD elective & directed elective course
- Learn concepts, skills and attitudes basic to occupational competence
- Explore, through group and individualized assignments, types of occupations in which students have been placed in their on-the-job experience
ICE On-the-Job Training
Course Numbers: 5902JF – 5902JS Grade 12
TWO SEMESTERS 2 – 4 Credits
Core 40, AHD & THD elective & directed elective course
- Apply concepts, skills and attitudes learned during ICE Related Instruction as well as other course
- Acquire skills and knowledge through direct supervision of experienced employees who serve as on-the-job trainers/supervisors
Note: Students can earn a maximum of 6 credits for this course.

EDUCATION PROFESSIONS I
Prerequisite: Cumulative GPA of at least 2.5 or higher; Application required
Course Numbers: 5408F – 5408S Grade 12
TWO SEMESTERS 2 or 4 Credits
Core 40, AHD & THD elective & directed course
- Work directly with the Education Professions I coordinator and the cooperating supervising teachers
- Write reflective journals based on field experience
- Create unique and meaningful displays to engage student learning
- Develop standards-based lessons approved by supervising teachers
- Present lessons in a formal instructional setting
- Investigate education philosophy
- Learning organization, classroom management, instructional process and lesson planning
Note: Designed for seniors interested in a career in teaching, early education and/or a field working directly with children; If students leave the building for this experience, they must provide their own transportation; Evaluation consists of completed tasks that are submitted to the Education Professions I coordinator (50%) and the supervising teacher’s evaluation (50%) of cooperation, practical performance and teaching performance; Students should expect a total workload consistent with other academic courses; Students will be evaluated through project-based assessments related to their experiences over the course of the semester.

CAREER EXPLORATION INTERNSHIP
Prerequisite: Must be in ‘good standing’ to graduate
Course Numbers: 0530F-0530S Grade 12
TWO SEMESTERS 2-4 credits
Core 40, AHD & THD elective & directed elective course
- Unpaid work experience in the public or private sector that provides for workplace learning in an area of student career interest
- Intended to expose students to broad aspects of a particular industry or career cluster area by rotating through a variety of work sites or departments.
- Make the connection between academic learning and their work-related experiences. Specific instructional objectives for the internship must be written to clarify the expectations of all parties – the student, parent, employer, and instructor.
- Students develop skills in: (1) employability, (2) understanding the economic process, and (3) career decision making and planning
Note: Only a limited number of spaces are available.

PEER TUTORING
Prerequisite: Cumulative GPA of at least 2.0; Application required including two teacher recommendations AND an interview.
Course Numbers: 0520F-0520S Grades 10-12
ONE or TWO Semesters 1 or 2 Credits
Core 40, AHD & THD elective
- Assist student in the Life Skills program with in school jobs, implementation of physical and/or occupational, therapy, cooking, and other household chores
- Interact with students in the Life Skills program who have cognitive, emotional and/or physical disabilities
- Provide positive social peer relationships
- Learn about the challenges, struggles, and joys of working with individuals with disabilities
- Complete a research paper on a disability or class activities, or write a narrative reviewing peer tutor experiences
Note: Only a limited number of spaces are available.

GOVERNOR’S WORK ETHIC CERTIFICATE
The State Workforce Innovation Council views the WEC as an important tool that can help provide a pipeline of skilled high school graduates in today’s workforce. The WEC will help connect students to employers and require a basic understanding of necessary employability skills for today’s in demand jobs.
PHS hopes to work with local employers to offer the WEC during the 2018-2019 school year.
Project Lead the Way (PLTW):

**ENGINEERING**

Technology Education focuses on technological knowledge and competence. It is designed to help students understand and participate in the technological society today and tomorrow. An emerging pathway within the Technology Education Department is Project Lead the Way.

Project Lead the Way is a pre-engineering curricula; the name, often shortened to PLTW, refers to a series of courses offered nationwide to promote careers in engineering and connect math and science courses to technology in a more high-tech project-oriented environment. This series of courses is designed around the use of a computer in constructing products, solving problems and developing skills in engineering communication.

For students working toward a Core 40, Core 40 with Technical Honors, or Core 40 with Academic Honors Diploma, these courses will count as directed electives. Project Lead the Way courses are completed for dual credit, meaning that students earn high school and college credit simultaneously through agreements Plainfield High School has with Purdue University and Ivy Tech Community College. As with any dual credit course, other universities may choose to accept these credits in transfer. These college credits typically apply as Engineering Technology credits or elective credits toward another major. Students who plan to pursue other careers also benefit from these courses and enjoy the challenge they bring.

The following chart illustrates a variety of study sequences within the PLTW Engineering Technology Education department. There are multiple paths that students may take. All final decisions should be made with the student’s school counselor.

Department Chair: Mr. Edward Schmitt
PLTW: INTRO ENGINEERING DESIGN/DESN101 IVY (DC)
Prerequisite: Algebra I or concurrent enrollment
Course Numbers: 4812DF – 4812DS Grades 9 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course
• Review design process skills
• Develop technical sketching and drawing skills
• Acquire computer modeling skills
• Interpret geometry of design models
• Discover engineering and reverse engineering tactics and skills
• Master advance computer modeling software (Inventor)
• Design and create mock-ups using a 3D Printer
• Utilize creative problem solving skills individually and in groups to complete design challenges
Note: Successful completion of this course fulfills 1 of the 2 local requirement courses for graduation; Students will earn 3 Ivy Tech college credits upon successful completion of this course.

PLTW: PRINCIPLES OF ENGINEERING/DES104 IVY (DC)
Prerequisite: Intro to Engineering Design
Course Numbers: 4814DF – 4814DS Grades 10 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course
• Build mechanisms, structures, and control systems
• Apply energy and power sources to construction projects
• Optimize project creation through CAD software
• Test material properties and attributes
• Construct creative project solutions using engineering and mathematical skills
• Obtain statistics and ballistic experience through hands-on application
Note: This is a grade-weighted course; Students will earn 3 Ivy Tech college credits upon successful completion of this course.

PLTW: CIVIL ENGINEER & ARCHIT/DES105 IVY (DC)
Prerequisite: Principles of Engineering
Course Numbers: 4820DF – 4820DS Grades 11 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course
• Discover the history of architecture and civil engineering
• Recognize and comprehend a diverse set of architectural styles and features
• Design residential and commercial floor plans and building models
• Assess building materials and structural integrity
• Develop new CAD skills working with Autodesk Revit, an architectural design software
• Utilize creative problem solving skills to create new engineering and architectural designs
Note: This is a grade-weighted course; Students will earn 3 Ivy Tech college credits upon successful completion of this course.

PLTW: ENGINEERING DESIGN AND DEVELOPMENT
Prerequisite: Principles of Engineering
Course Numbers: 4828DF – 4828S Grades 11 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course
• Apply knowledge and skills gained in previous
• PLTW classes to design a solution to a selected problem
• Formulate a solvable problem statement that will be the basis of your self-inspired innovation
• Collaborate with teams to research, design, test, and construct a solution to an open-ended engineering problem
• Research the product development life cycle and design process as a guide for possible solutions
• Present and defend your solution to a panel of third party reviewers at the conclusion of the course
Note: This is a grade-weighted course; Although dual-credit may be awarded via Purdue University, it is non-transferable.

PLTW: DIGITAL ELECTRONICS/EECT 112 IVY DC
Prerequisite: Intro to Engineering Design, Principles of Engineering, Enrolled or completed Algebra II
Course Numbers: 4826DF – 4826DS Grades 11 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course
• Calculate voltage, current, and/or resistance for components in a complex circuit
• Translate circuit designs, truth tables, design requirements into logic expressions
• Simplify circuits using Boolean algebra theorems and DeMorgan’s theorems
• Implement the best combinational logic circuit design
• Apply knowledge of logic gates to select an appropriate gate for the circuit design
• Troubleshoot the design of a circuit by analysis and comparison to the truth table.
Note: This is a grade-weighted course; Students will earn 3 Ivy Tech college credits upon successful completion of this course.
## ENGLISH/LANGUAGE ARTS

### SENIOR LEVEL COURSES

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CREDITS</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP English Literature &amp; Composition</td>
<td>2</td>
<td>AP English Language (&quot;B&quot; or higher); English 11 Honors-CHAP (&quot;B&quot; or higher); English 11 CP (&quot;A&quot; or higher)</td>
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<tr>
<td>Adv Speech/COLLP155 IU (ACP)</td>
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<tr>
<td>English 12</td>
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<tr>
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</tr>
<tr>
<td>Creative Writing</td>
<td>1</td>
<td>Grade of &quot;B&quot; or higher in previous English course</td>
</tr>
<tr>
<td>Classical Literature</td>
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<td>Grade of &quot;C&quot; or higher in previous English course</td>
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<tr>
<td>Student Media: Advanced Newsmagazine</td>
<td>1-2</td>
<td>Student Media: Intermediate Yearbook</td>
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<td>Student Media: Intermediate Newsmagazine</td>
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<td>Student Media: Beginning Yearbook</td>
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<tr>
<td>Student Media: Beginning Newsmagazine</td>
<td>1-2</td>
<td>Journalism (&quot;B&quot; or higher); Mass Media (&quot;B&quot; or higher); Instructor invitation</td>
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<tr>
<td>Student Media: Advanced Yearbook</td>
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<tr>
<td>Journalism</td>
<td>1</td>
<td>Grade of &quot;C&quot; or higher in previous English course</td>
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<tr>
<td>Language Arts Lab – GQE Remediation</td>
<td>1-2</td>
<td>&quot;DNP&quot; on English 10 ECA or ISTEP+ English/Language Arts Test</td>
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<tr>
<td>English as a New Language</td>
<td>1-2</td>
<td>Participation in ENL Program</td>
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### JUNIOR LEVEL COURSES

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<td>Mass Media</td>
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<tr>
<td>Journalism</td>
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<tr>
<td>Language Arts Lab – GQE Remediation</td>
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<td>English as a New Language</td>
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### SOPHOMORE LEVEL COURSES

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<td>English 10 Honors</td>
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<td>English 9 Honors (&quot;B&quot; or higher); English 9 (&quot;A&quot; or higher)</td>
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<td>English 10</td>
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<td>Participation in ENL Program</td>
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### FRESHMAN LEVEL COURSES

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<td>English 9 Honors</td>
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<td>Advanced English 8 (&quot;B&quot; or higher); English 8 (&quot;A&quot; or higher); Teacher recommendation</td>
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<td>Journalism</td>
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<tr>
<td>English as a New Language</td>
<td>1-2</td>
<td>Participation in ENL Program</td>
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</tbody>
</table>

Department Chair: Mrs. Liza Payton
To minimize book fees, some English classes will require students to acquire their own novels. Students may purchase their own copies new or used, rent a digital edition, or borrow from the library.

**ENGLISH 9**
Course Numbers: 1002F – 1002S Grade 9
TWO SEMESTERS 2 Credits
Core 40, AHD & THD English/Language Arts course
- Learn fundamental skills in grammar, composition, speech, and literature
- Focus on activities in spelling, vocabulary, the writing process, speech outlines/delivery and study techniques
- Analyze reading selections from a variety of genres, including short stories, poetry, drama, nonfiction, informational, and technical materials
- Introduce library resources and MLA format
- Practice in-depth writing exercises, including character sketches, essay questions, literary analysis, etc.

**ENGLISH 9 HONORS**
**Prerequisite:** Advanced English 8 (“B” or higher) OR Advanced English 8 (“A” or higher) AND teacher recommendation
Course Numbers: 1002FH – 1002SH Grade 9
TWO SEMESTERS 2 Credits
Core 40, AHD & THD English/Language Arts course
- Read challenging literature, including novels, plays, short stories, poetry, and nonfiction texts
- Develop skills in literary analysis
- Write expository and argumentative essays
- Study vocabulary and etymology
- Practice language grammar and conventions
- Research and present on a persuasive topic
**Note:** This is a grade-weighted course; A summer reading assignment is required for this course. Students will be assessed on their summer reading within the beginning weeks of the school year.

**ENGLISH 10**
Course Numbers: 1004F – 1004S Grade 10
TWO SEMESTERS 2 Credits
Core 40, AHD & THD English/Language Arts course
- Review fundamental skills in grammar, composition, literature, spelling, vocabulary, and the writing process
- Develop skills in reading comprehension and vocabulary
- Study a variety of genres, including short story, drama, informational and technical materials, and nonfiction
- Produce a variety of essays, including informative research, literary, and technical
- Deliver and evaluate effective speeches
- Practice effective research strategies, including locating sources, making bibliography and note cards, creating outlines, using parenthetical documentation, and compiling a works cited page

**ENGLISH 10 HONORS**
**Prerequisite:** English 9 Honors (“B” or higher) OR English 9 (“A” or higher)
Course Numbers: 1004FH – 1004SH Grade 10
TWO SEMESTERS 2 Credits
Core 40, AHD & THD English/Language Arts course
- Interpret and analyze a broad selection of literature and nonfiction in terms of their historical and social significance and the author’s use of stylistic devices
- Determine the meanings of words and word parts as they are used in context, including figurative and connotative meanings
- Demonstrate understanding and mastery of standard written English
- Produce analytical, argumentative, and narrative compositions that show effective treatment of the stages of the writing process
- Evaluate and integrate multiple sources of information presented in different mediums (written and visual) in both a written and spoken format
**Note:** This is a grade-weighted course; A summer reading assignment is required for this course. Students will be assessed on their summer reading within the beginning weeks of the school year.

**LANGUAGE ARTS LAB-GQE Remediation**
**Prerequisite:** “DNP” on English 10 ECA
Course Number: 1010RF-1010RS Grade 11
ONE or TWO Semesters 1 or 2 credits
Core 40, AHD, & THD elective course
- Include content that continues to develop and refine the understanding of English 10 standards
- Receive an elective credit for students passing this course
**Note:** This course is designed for students who have passed English 10 but have not yet passed the ISTEP English/Language Arts Test.
ENGLISH 11
Course Numbers: 1006F – 1006S  Grade 11
TWO SEMESTERS  2 Credits
Core 40, AHD & THD English/Language Arts course
• Produce written work covering the following skills: persuasive theme, literary theme, and technical writing
• Introduce research techniques and write a multiple page research paper
• Improve writing style by varying sentence structures
• Read various forms of texts, including a study of American literary selections
• Read a variety of informational text

ENGLISH 11 COLLEGE PREP
Prerequisite: English 10
Course Numbers: 1006CPF – 1006CPS  Grade 11
TWO SEMESTERS  2 Credits
Core 40, AHD & THD English/Language Arts course
• Prepare students to become clear, concise writers of organized prose
• Produce a minimum of four literary and persuasive essays
• Study a variety of American literary selections and genres, including a novel and a play, encompassing the 1600s to the present
• Display a keen understanding of the techniques and the methods involved in the practice of research
• Complete a comprehensive study in the process of writing a research paper
• Practice effective speaking and listening, develop vocabulary, and review spelling skills
• Review and study vocabulary and etymology
Note: Recommended for students who plan to pursue a post-secondary academic path.

ENGLISH 11 HONORS – CHAP (Cultural Heritage of American People)
Prerequisite: English 10 Honors (“B” or higher) OR English 10 (“A” or higher) AND AP World History (“C+” or higher) OR World History (“B+” or higher)
Course Numbers: 1006FH – 1006SH  Grade 11
TWO SEMESTERS  2 Credits
Core 40, AHD & THD English/Language Arts course
• Review previously studied reading, writing, vocabulary, and language strategies as prescribed by IAS for Language Arts 11-12
• Develop vocabulary skills by focusing on roots and word parts
• Write for a variety of purposes (analysis, argument, narrative) with a focus on developing style and voice
• Utilize research skills for writing and presentation
• Read various texts, with a focus on American literature, (novels, short stories, poems, dramatic literature, articles, essays, informational texts) for the purpose of analyzing their relationships to targeted periods and events in American history
Note: This is a grade-weighted course; A summer reading assignment is required for this course. Students will be assessed on their summer reading within the beginning weeks of the school year. This is a grade-weighted course; Course; Students are expected to take the AP English Language and Composition exam in May.

ENGLISH 12
Course Numbers: 1008F – 1008S  Grade 12
TWO SEMESTERS  2 Credits
Core 40, AHD & THD English/Language Arts course
• Review previously learned writing, grammar, vocabulary, and reading strategies as dictated by Indiana English 12 standards
• Introduce and practice workplace writing and communicating techniques
• Introduce and study various British literature works
• Complete extensive reading, writing, and presentation activities
• Participate daily as an integral part of the course

**Note to Seniors:**
If you have not taken English 9 Honors & English 10 Honors, PHS recommends enrolling in regular Speech as a Pre-requisite to enrolling in ACP DC Speech.
ADVANCED COMPOSITION/ENG W131 IU (ACP)

Prerequisite: Cumulative GPA of 2.7 or higher in College
Tuition: $75, payable to Indiana University
Course Numbers: 1098ACP  Grade 12
ONE SEMESTER  1 Credit
Core 40, AHD & THD English/Language Arts course
- Teach students who already have a good command of basic writing skills to become clear, concise writers of organized prose
- Write a minimum of four essays and one extended literary research paper
- Study a variety of global literary selections and genres, including a novel, a Shakespearean play, and a variety of themes over several important time periods and cultures.
- Concentrate on the techniques and the methods involved in the practice of researching and writing
- Practice effective speaking and listening
- Cover etymology review and vocabulary study

Note: Recommended for students who plan to pursue a post-secondary academic path.

ADVANCED SPEECH/COLLP155 IU (ACP)

Prerequisite: Cumulative GPA of 2.7 or higher in College
Tuition: $75, payable to Indiana University
Course Number: 1078ACP  Grade 12
ONE SEMESTER  1 Credit
Core 40, AHD & THD elective course
- Introduce fundamental concepts and skills for effective public speaking
- Includes an advanced study of rhetoric, audience analysis, outlining, research, delivery, critical listening and evaluation, presentational aids, and use of appropriate technology
- Explore the power of argumentation and its influence on culture, media, and person

Note: This is a grade-weighted course; Advanced Speech/COLLP155 IU (ACP) is recommended for college-bound students; Students will earn 3 Indiana University college credits upon completion of this course.

AP ENGLISH LITERATURE AND COMPOSITION

Prerequisite: AP Language and Composition (“B” or higher) OR English 11 Honors CHAP (“B” or higher) OR English 11 CP (“A” or higher)
Course Numbers: 1058F – 1058S  Grade 12
TWO SEMESTERS  2 Credits
Core 40, AHD & THD English/Language Arts course
- Trace the development of drama and the novel
- Study works of authors such as Homer, Sophocles, Shakespeare, Austen, Tolstoy, Ibsen, Rostand, James, Huxley, Shaw, O’Neill, and Fitzgerald
- Examine significant British literary pieces including Beowulf, The Canterbury Tales, Le Morte d’Arthur, and Lord of the Flies
- Analyze writing style of selected authors, as well as analyze and develop personal writing style
- Compose literary analysis research paper, various essays, and timed writings
- Develop vocabulary through word study and literary context

Note: Contributing to class discussions and oral presentations

English Electives

ENGLISH AS A NEW LANGUAGE I

Prerequisite: Placement in ENL Program
Course Number: 1012FI – 1012SI  Grades 9 – 12
TWO SEMESTERS  1 – 4 Credits
Core 40, AHD & THD English/Language Arts course
- Study language, literature composition, and oral communication
- Study English vocabulary used in fictional texts and content-area texts
- Speak and write English to function within the regular school setting and an English-speaking society
- Deliver oral presentations appropriate to respective levels of English proficiency

Note: This course is designed for Limited English Proficient (LEP) students to improve proficiency in listening, speaking, reading, writing, and comprehension of Standard English. The nature of this course allows for successive semesters of instruction at advanced levels (up to a maximum of four credits).

CLASSICAL LITERATURE

Prerequisite: “C” or higher in previous English course
Course Number 1026  Grades 10 – 12
ONE SEMESTER  1 Credit
Core 40, AHD & THD elective course
- Introduce the classical myths as invaluable resources for understanding the art and thought of Western traditions and culture
- Provide a vast set of stories and symbols for writers, artists, and thinkers from the ancient world to modern times
- Introduce the major myths of Greek and Roman cultures and how they are represented in modern interpretations
- Include a study of vocabulary that will enhance literary and cultural knowledge
- Explore the lore and influence of mythology
- Investigate the purpose and function of myths, discussing the theoretical aspects of its power
- Require students to complete individual and group projects and submit written work

CREATIVE WRITING

Prerequisite: “B” or higher in previous English course
Course Number: 1092  Grades 10 – 12
ONE SEMESTER  1 Credit
Core 40, AHD & THD elective course
- Produce creative writing in the areas of poetry, short stories, and plays
- Maintain a writing journal to generate raw material
- Reinforce basic writing techniques
- Analyze elements of successful creative writing
- Produce publishable, original creative writing
- Assemble a collection of personal work

Note: This is a grade-weighted course; A summer reading assignment is required for this course. Students will be assessed on their summer reading within the beginning weeks of the school year. Students are expected to take the AP English Literature and Composition exam in May.
<table>
<thead>
<tr>
<th>COURSE</th>
<th>PREREQUISITE</th>
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<th>GRADES</th>
<th>SEMESTER</th>
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<td>• Study vocabulary from Latin and Greek roots with</td>
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<td>weekly accumulative assessments</td>
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<td>• Write in response to reading and literary analysis</td>
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<td>• Create varied projects in response to reading</td>
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<td>and literary analysis</td>
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<td>• Practice skills tested on the ACT and SAT</td>
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<td>language tests</td>
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<td>• Read independently from college-bound/grade-</td>
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<td>level appropriate booklists</td>
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<td>• Present informally and formally on novel related</td>
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<td></td>
<td>• Contrast journalistic photography style with art</td>
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<td></td>
<td>• Focus on photojournalistic story-telling format</td>
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<td>• Learn fundamentals of photography composition</td>
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<td>• Explore conceptual creativity</td>
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<td>• Practice decision making based on sound ethical</td>
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<td>• Evaluate and analyze a variety of digital</td>
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<td>photographic images</td>
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<td></td>
<td>• Discover tactics used to edit and enhance</td>
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<td></td>
<td>photographs in an ethical manner</td>
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<td>Note: Students must provide their own digital</td>
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<td></td>
<td>cameras with zoom and flash capabilities, and</td>
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<td></td>
<td>digital disks for photography assignments.</td>
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<td></td>
<td>Phones are not considered cameras for this class.</td>
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<tr>
<td>JOURNALISM</td>
<td>“C” or higher in previous English course</td>
<td>1080</td>
<td>9–12</td>
<td>1</td>
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<tr>
<td></td>
<td>Core 40, AHD &amp; THD elective course</td>
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<td></td>
<td>• Analyze press history and the importance of</td>
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<td></td>
<td>journalism in society</td>
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<td></td>
<td>• Study ethics and student press law in the</td>
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<td>context of real-life situations</td>
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<td></td>
<td>• Learn elements of news and news values</td>
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<td></td>
<td>• Compare news writing with opinion writing,</td>
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<tr>
<td></td>
<td>including reviews, editorials, columns, and</td>
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<td></td>
<td>letters to the editor</td>
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<td></td>
<td>• Delve into in-depth reporting, including</td>
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<td></td>
<td>investigative journalism</td>
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<td>• Examine interviewing techniques and how to</td>
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<tr>
<td></td>
<td>incorporate quotations into writing</td>
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<tr>
<td>SPEECH</td>
<td>“C” or higher in previous English course</td>
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<td>10–12</td>
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<td>Core 40, AHD &amp; THD elective course</td>
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<td></td>
<td>• Introduce the fundamentals of communication</td>
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<td></td>
<td>and public speaking</td>
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<td>• Include study of researching techniques,</td>
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<td></td>
<td>developing outlines, writing manuscripts, and</td>
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<td></td>
<td>presenting a variety of speeches, including</td>
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<td>informational, persuasive, motivational,</td>
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<td>demonstrational, impromptu, and extemporaneous</td>
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<td></td>
<td>• Incorporate technology with the use of</td>
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<td>presentation software</td>
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<td>• Develop skills in interpersonal and intrapersonal</td>
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<td>communication, ethics, and group discussion</td>
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<td>Note: Speech is recommended for college-bound</td>
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<td>students; 11th and 12th grade students are strongly</td>
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<td>encouraged to take Advanced Speech/SPCHS121 IU</td>
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<td>DEBATE</td>
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<td>10–12</td>
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<td></td>
<td>• Introduce tools of reasoning, organizing</td>
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<td>information, research, building cases</td>
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<td>• Provide multiple opportunities for refutation</td>
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<td></td>
<td>and rebuttal in practical applications</td>
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<td>• Expose to students to “real life” debate</td>
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<td></td>
<td>experiences and observations</td>
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<td>Note: It is encouraged that students take Speech</td>
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<td>prior to Debate</td>
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</tbody>
</table>
STUDENT MEDIA – BEGINNING NEWSMAGAZINE
Prerequisite: Journalism (“B” or higher) OR Mass Media (“B” or higher) OR teacher recommendation
Course Numbers: 1086FBN – 1086SBN Grades 10 – 12
ONE or TWO SEMESTERS 1 or 2 credits
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirement

STUDENT MEDIA – INTERMEDIATE NEWSMAGAZINE
Prerequisite: Student Media – Beginning Newsmagazine
Course Numbers: 1086FIN – 1086SIN Grades 11 – 12
ONE or TWO SEMESTERS 1 or 2 credits
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirement

STUDENT MEDIA – ADVANCED NEWSMAGAZINE
Prerequisite: Student Media – Intermediate Newsmagazine
Course Numbers: 1086FIN – 1086SIN Grade 12
ONE or TWO SEMESTERS 1 or 2 credits
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirement
• Produce the Quaker Shaker newsmagazine for the student body and community
• Take photos, write stories, interview students, conduct polls, and other tasks related to production of newsmagazine
• Sell ads to local businesses
• Attend mandatory monthly work nights and other out-of-school activities, including club meetings and sporting events
• Participate in journalism-focused field trips
• Learn principles of journalistic writing, design, ethics, problem solving, teamwork, leadership, and organizational skills
Note: Students must provide their own digital cameras with zoom and flash capabilities, and digital disks for photography assignments.

STUDENT MEDIA – BEGINNING YEARBOOK
Prerequisite: Journalism (“B” or higher) OR Mass Media (“B” or higher) OR teacher recommendation
Course Numbers: 1086FY – 1086SBY Grades 10 – 12
ONE or TWO SEMESTERS 1 or 2 credits
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirement

STUDENT MEDIA – INTERMEDIATE YEARBOOK
Prerequisite: Student Media – Beginning Yearbook
Course Numbers: 1086FYI – 1086SIY Grades 11 – 12
ONE or TWO SEMESTERS 1 or 2 credits
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirement

STUDENT MEDIA – ADVANCED YEARBOOK
Prerequisite: Student Media – Intermediate Yearbook
Course Numbers: 1086FAY – 1086SAY Grade 12
ONE or TWO SEMESTERS 1 or 2 credits
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirement
• Produce the Silhouettes yearbook for the student body and community
• Take photos, write stories, interview students, conduct polls, and other tasks related to production of yearbook
• Sell ads to local businesses
• Attend mandatory monthly work nights and other out-of-school activities, including club meetings and sporting events
• Participate in journalism-focused field trips
• Learn principles of journalistic writing, design, ethics, problem solving, teamwork, leadership, and organizational skills
Note: Students must provide their own digital cameras with zoom and flash capabilities, and digital disks for photography assignments.
# FAMILY & CONSUMER SCIENCES

## SENIOR LEVEL COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
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</thead>
<tbody>
<tr>
<td>Adult Roles &amp; Responsibilities</td>
<td>1</td>
<td>None</td>
</tr>
<tr>
<td>Intro to Housing &amp; Interior Design</td>
<td>1</td>
<td>None</td>
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<tr>
<td>Child Development</td>
<td>1</td>
<td>None</td>
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<tr>
<td>Advanced Nutrition &amp; Wellness</td>
<td>1</td>
<td>Nutrition &amp; Wellness</td>
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<tr>
<td>Nutrition &amp; Wellness</td>
<td>1</td>
<td>None</td>
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<tr>
<td>Fashion &amp; Textiles Careers I</td>
<td>2</td>
<td>None</td>
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</tbody>
</table>

## JUNIOR LEVEL COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>Adult Roles &amp; Responsibilities</td>
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<td>None</td>
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<tr>
<td>Intro to Housing &amp; Interior Design</td>
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<td>None</td>
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<td>Child Development</td>
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<td>Advanced Nutrition &amp; Wellness</td>
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<td>Nutrition &amp; Wellness</td>
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<tr>
<td>Nutrition &amp; Wellness</td>
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<tr>
<td>Fashion &amp; Textiles Careers I</td>
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## SOPHOMORE LEVEL COURSES

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<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Intro to Housing &amp; Interior Design</td>
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<td>None</td>
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<tr>
<td>Child Development</td>
<td>1</td>
<td>None</td>
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<td>Advanced Nutrition &amp; Wellness</td>
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<td>Fashion &amp; Textiles Careers I</td>
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## FRESHMEN LEVEL COURSES

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<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Intro to Housing &amp; Interior Design</td>
<td>1</td>
<td>None</td>
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<tr>
<td>Nutrition &amp; Wellness</td>
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<td>None</td>
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<tr>
<td>Fashion &amp; Textiles Careers I</td>
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</table>

Department Chair: Mr. Michael Carpenter
**FASHION AND TEXTILES CAREERS I**

Course Number: 5420F – 5420S  Grades 9 – 12
TWO SEMESTERS  2 Credits
Core 40, AHD & THD elective & directed elective course
- Learn to sew through laboratory experience
- Focus on fashion careers
- Evaluate fiber and textiles
- Use design skills for apparel and textiles
- Demonstrate the use of tool and equipment
- Produce, alter and repair apparel
- Evaluate elements of fashion merchandising
- Explore components of customer service
- Evaluate general operational procedures required for success in fashion careers and business

**INTRODUCTION TO HOUSING AND INTERIOR DESIGN**

Course Number: 5350  Grades 9 – 12
ONE SEMESTER  1 Credit
Core 40, AHD & THD elective & directed elective course
- Plan and design spaces in a house, industrial or commercial setting
- Determine wants and needs inside and out of a living or working space
- Recognize the impact technology has on the housing industry
- Use principles and elements of design in a home environment
- Make decisions to decorate the interior of a house, furniture arrangement, color choice and design
- Use technology to create a safe and functional home or commercial space
- Understand presentation techniques that a customer would expect in this industry

**NUTRITION AND WELLNESS**

Course Number: 5342  Grades 9 – 12
ONE SEMESTER  1 Credit
Core 40, AHD & THD elective & directed elective course
- Emphasize laboratory experiences, cooking
- Adapt recipes to increase healthy life choices
- Design and present aesthetically pleasing food
- Measure ingredients accurately
- Practice accident prevention; preventing injury with electrical and fire safe
- Use nutritional guidelines to plan meals with controlled portion sizes
- Analyze nutrition labels
- Understand the 6 main nutrients and their functions
- Calculate food costs
- Describe a variety of careers in the foodservice industry
- Explore professional chefs and others in the foodservice industry

**ADVANCED NUTRITION AND WELLNESS**

Prerequisite: Nutrition and Wellness  Grades 10 – 12
Course Number: 5340
ONE SEMESTER  1 Credit
Core 40, AHD & THD elective & directed elective course
- Emphasize laboratory experiences and computer projects
- Continue to expand skills from Nutrition and Wellness
- Utilize proper procedures for receiving, storing, cooking, holding, cooling, reheating and serving of food
- Evaluate trends in the food industry for career opportunities
- Calculate quantity food costs
- Apply basic nutritional needs to each part of the life cycle
- Evaluate, compare, and contrast diets that are commonly followed

**CHILD DEVELOPMENT**

Course Number: 5362  Grades 10 – 12
ONE SEMESTER  1 Credit
Core 40, AHD & THD elective & directed elective course
- Study growth and development of children
- Develop understanding of becoming a nurturing and effective caregiver
- Study parenting skills including support systems
- Study emotional, physical, psychological, and mental development from conception to age five
- Develop and experiment with age appropriate activities for children in different settings

**ADULT ROLES AND RESPONSIBILITIES**

Course Number: 5330  Grades 11 – 12
ONE SEMESTER  1 Credit
Core 40, AHD & THD elective & directed elective course
- Develop knowledge, skills, attitudes, and behaviors that students will need as they prepare to take the next steps toward adulthood in today’s society
- Understand the study of interpersonal standards, lifespan roles and responsibilities, individual and family resource management, and financial responsibility and resources
- Utilize a project-based approach that promotes higher order thinking, communication, leadership, management processes, and fundamentals to college and career success is recommended in order to integrate these topics into the study of adult roles and responsibilities
- Develop the foundation for continuing and postsecondary education in all career areas related to individual and family life
# FINE ARTS (Music Performance)

<table>
<thead>
<tr>
<th>SENIOR &amp; JUNIOR LEVEL COURSES</th>
<th>CREDITS</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Music Theory</td>
<td>1</td>
<td>Music Theory &amp; Composition</td>
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<tr>
<td>Music Theory &amp; Composition</td>
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<td>None</td>
</tr>
<tr>
<td>Piano &amp; Electric Keyboard II</td>
<td>1</td>
<td>Piano &amp; Electric Keyboard I</td>
</tr>
<tr>
<td>Piano &amp; Electric Keyboard I</td>
<td>1</td>
<td>None</td>
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<tr>
<td>Advanced Chorus – Mixed (Belles et Beaux)</td>
<td>2</td>
<td>Audition and/or director approval</td>
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<tr>
<td>Advanced Chorus – Women (Les Chanteuses)</td>
<td>2</td>
<td>Audition and/or director approval</td>
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<tr>
<td>Intermediate Chorus – Women (Elles Chantent)</td>
<td>2</td>
<td>Audition and/or director approval</td>
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<tr>
<td>Beginning Chorus – Women</td>
<td>2</td>
<td>None</td>
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<tr>
<td>Beginning Chorus – Men</td>
<td>2</td>
<td>None</td>
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<tr>
<td>Advanced Concert Band – Wind Ensemble</td>
<td>2</td>
<td>Audition and/or director approval</td>
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<tr>
<td>Intermediate Orchestra</td>
<td>2</td>
<td>Strings only course!;Previous instrumental string experience and</td>
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<tr>
<td>Instrumental Ensemble – Percussion Studio</td>
<td>2</td>
<td>Percussionists w/previous instrumental experience and director</td>
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<tr>
<td>Jazz Band</td>
<td>2</td>
<td>Previous instrument experience and director approval</td>
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<tr>
<td>Intermediate Concert Band</td>
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<td>Previous instrument experience and director approval</td>
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<tr>
<td>Music Theory &amp; Composition</td>
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<tr>
<td>Piano &amp; Electric Keyboard II</td>
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Department Chair: Mr. Michael Carpenter
INTERMEDIATE CONCERT BAND
**Prerequisite: Previous instrument experience and director approval**
Course Numbers: 4168F – 4168S  
Grades 9 – 12
2 SEMESTERS  2 Credits
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirement
- Perform creative music in front of large crowds at concerts, competitions, and events
- Perform in various locations such as auditoriums, concert halls, stadiums, and other local venues
- Discover principles of leadership in a setting with peers
- Excel at performing music at the highest level
*Note:* This is the major performing group for the high school instrumental department; Students are expected to attend Band Camp during the summer after completing grades 10, 11, or 12. Every four years concert band takes a trip as members of the marching band.

JAZZ BAND
**Prerequisite: Previous instrument experience and director approval**
Course Number: 4164F  
Grades 9 – 12
1 SEMESTER  1 Credit
Fulfills AHD fine arts requirement
- Perform some of the most sophisticated jazz literature
- Explore different sub-genres of jazz music
- Excel at performing music at the highest level
- Perform in many venues including auditoriums, concert halls, stadiums, and other local venues
*Note:* Rehearsals are often scheduled outside of the school day.

INTERMEDIATE ORCHESTRA
**Prerequisite: Previous instrument experience and director approval; Strings-only class!**
Course Numbers: 4172F – 4172S  
Grades 9 – 12
2 SEMESTERS  2 Credits
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirement
- Develop and refine elements of musicianship including tone production, technical skills, intonation, music reading skills, listening skills analyzing music, studying historically significant styles of orchestral literature, and integration of other applicable disciplines
- Experience improvising, conducting, playing by ear, and sight-reading
- Develop the ability to understand and convey the composer’s intent in performance of music
- Perform in many venues including auditoriums, concert halls, stadiums, and other local venues

BEGINNING CHORUS
**Prerequisite: None**
Course Numbers: 4182FM – 4182SM  
Grades 9 – 12
2 SEMESTERS  2 Credits
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirement
- Introduce and practice basic vocal technique
- Learn and practice the reading of music notation
- Develop and practice critical listening skills
- Study and perform simple choral literature
- Participate in performance opportunities outside of the classroom

ADVANCED CONCERT BAND – WIND ENSEMBLE
**Prerequisite: Audition required**
Course Number: 4170S  
Grades 9 – 12
1 SEMESTER  1 Credit
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirement
- Perform band literature at the collegiate level
- Perform at concerts and contests
- Discover principles of leadership in a setting with peers
- Excel at performing music at the highest level
*Note:* This class is geared for advanced musicians; Students are expected to attend Band Camp during the summer after completing grades 10, 11, or 12. Every four years wind ensemble takes a trip as members of the marching band.

INTERMEDIATE CHORUS (ELLES CHANTENT)
**Prerequisite: Audition and/or director approval**
Course Numbers: 4186F – 4186S  
Grades 10 – 12
2 SEMESTERS  2 Credits
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirement
- Review and practice previously learned vocal techniques and reading of music notation
- Develop and practice critical listening skills
- Study and perform intermediate choral literature
- Participate in performance opportunities outside of the classroom
**ADVANCED CHORUS (LES CHANTEUSES)**

*Prerequisite: Audition and/or director approval*

Course Numbers: 4188LCF – 4188LCS  
Grades 10 – 12  
Two Semesters  
2 Credits  
Core 40, AHD & THD elective & directed elective course  
Fulfills AHD fine arts requirement  
- Review and practice previously learned vocal techniques and reading of music notation  
- Continue to develop and practice critical listening skills  
- Study and perform advanced choral literature  
- Participate in performance opportunities outside of the classroom

**ADVANCED CHORUS (BELLES ET BEAUX)**

*Prerequisite: Audition and/or director approval*

Course Numbers: 4188F – 4188S  
Grades 10 – 12  
Full Year  
2 Credits  
Core 40, AHD & THD elective & directed elective course  
Fulfills AHD fine arts requirement  
- Review and practice previously learned vocal techniques and reading of music notation  
- Continue to develop and practice critical listening skills  
- Study and perform advanced choral literature  
- Learn and perform choreographed popular show choir literature  
- Participate in numerous performance opportunities outside of the classroom

**PIANO AND ELECTRONIC KEYBOARD I**

*Prerequisite: Piano & Electronic Keyboard I OR instructor approval*

Course Numbers: 4204I  
Grades 9 – 12  
One Semester  
1 Credit  
Core 40, AHD & THD elective & directed elective course  
Fulfills AHD fine arts requirement  
- Introduce and practice proper posture, hand positions, rhythms, dynamics and articulation  
- Learn and practice the reading of music notation  
- Compose simple melodies and harmonic accompaniments  
- Explore and perform simple piano ensemble music  
- Perform simple piano literature in a variety of styles  
- Explore and perform intermediate piano ensemble music  
- Perform intermediate level piano literature in a variety of styles

**MUSIC THEORY I**

*Prerequisite: Music Theory I*

Course Numbers: 4208  
Grades 10 – 12  
One Semester  
1 Credit  
Core 40, AHD & THD elective & directed elective course  
Fulfills AHD fine arts requirement  
- Incorporate prior knowledge of music organizational methods from common day experiences  
- Explore methods that are used to analyze and write music  
- Build connections from current music to music theory  
- Develop an understanding of elements that create unique different musical styles  
- Explore the historical significance of music theory  

**AP MUSIC THEORY**

*Prerequisite: Music Theory I*

Course Numbers: 4210S  
Grades 11 – 12  
One Semester  
1 Credit  
Core 40, AHD & THD elective & directed elective course  
Fulfills AHD fine arts requirement  
- Incorporate prior knowledge of music organizational methods learned in Music Theory I  
- Explore a variety of methods that are used to analyze and write music  
- Critique personal work as well as that of others  
- Discover where composers utilize the concepts taught in music theory in their own music  
- Experiment by creating music while following rules and patterns in music theory principles  
- Develop an understanding of elements that create unique different musical styles  
- Integrate aspects of melody, harmony, texture, rhythm, form, musical analysis, and composition  

**PIANO AND ELECTRONIC KEYBOARD II**

*Prerequisite: Piano & Electronic Keyboard I OR instructor approval*

Course Numbers: 4204II  
Grades 9 – 12  
One Semester  
1 Credit  
Core 40, AHD & THD elective & directed elective course  
Fulfills AHD fine arts requirement  
- Review previously learned proper posture, hand positions, rhythms, dynamics, articulation and music notation  
- Introduce and practice new rhythms, chord structures and music notation  
- Compose more complex melodies and harmonic accompaniments  
- Explore and perform intermediate piano ensemble music  
- Perform intermediate level piano literature in a variety of styles
### FINE ARTS (Theatre & Visual Arts)

#### SENIOR & JUNIOR LEVEL COURSES

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<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tr>
<td>Theatre Arts</td>
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<tr>
<td>AP Studio Art – Drawing Portfolio</td>
<td>2</td>
<td>At least two advanced 2D art courses (&quot;B&quot; or higher)</td>
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<tr>
<td>AP Studio Art – 2D Design Portfolio</td>
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<td>Sculpture</td>
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<td>Jewelry</td>
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<tr>
<td>Ceramics II</td>
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<td>Ceramics I (&quot;B&quot; or higher)</td>
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<td>Photography II</td>
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**THEATRE ARTS**
Course Number: 4242 Grades 9 – 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirements
  • Improvise scenes  
  • Express thoughts, feelings, moods, and characters by applying techniques of voice, gestures, facial expressions, and body movement  
  • Learn and use various approaches to scene study, including script analysis, character analysis, blocking, and memorization techniques  
  • Explore interest in theatre  
  • Develop self-confidence

**ADVANCED THEATRE ARTS**
Prerequisite: Theatre Arts
Course Number: 4240 Grades 9 – 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD elective & directed elective course Fulfills AHD fine arts requirements
  • Build upon skills learned in Theatre Arts  
  • Improvise dialogue  
  • Identify physical, social, and psychological dimensions and qualities of characters  
  • Create consistent characters  
  • Demonstrate analytical skills by explaining roles and comparing various forms of artistic expression and interpretation  
  • Explore the nature of theatre and its major style periods  
  • Continue developing self-confidence

**THEATRE PRODUCTION**
Prerequisite: Theatre Arts (“C” or higher) OR teacher approval
Course Number: 4248 Grades 9 – 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD elective & directed elective course Fulfills AHD fine arts requirements
  • Gain knowledge of technical theatre  
  • Experience many aspects of technical theatre, including prop making, lighting and sound design, rigging, stage management, publicity, and theatre management
**VISUAL ARTS**

The following applies to all art classes:

- Students search for meaning, significance, and direction in their work through an in-depth analysis of historical and contemporary art from a variety of cultural groups identifying relationships between context, form and function.
- Art criticism: students search for meaning, significance and direction in their work by critically examining the relationships between context, form, function, and meaning in their own work and in historical and contemporary art.
- Aesthetics: students search for meaning, significance, and direction in their work by: 1) formulating evaluations of historic and contemporary art, 2) responding to personal questions about the nature of art, 3) reflecting on their changing definitions of art, and 4) assessing their ideas in relation to the art community.
- Production: students search for meaning, significance and direction in their work by choosing and evaluating subject matter, symbols, and ideas that communicate intended meaning in their artwork. In addition, students: 1) use organizational principles and functions to solve specific visual problems, 2) apply media, techniques, and processes with sufficient skill to communicate intended meaning, and 3) produce works for their portfolios, which demonstrate a sincere desire to explore a variety of ideas and problems.

### INTRODUCTION TO 2D ART

**Course Number:** 4000  
**Grades:** 8 – 12  
**ONE SEMESTER:** 1 Credit  
**Core 40, AHD & THD elective & directed elective course**  
Fulfills AHD fine arts requirements
- Explore various two dimensional media and techniques
- Acquire skills necessary for knowledgeable and creative expression in design
- Communicate personal vision and meaning in class assignments
- Identify and incorporate the elements and principles of design in artworks
- Engage in research and inquiry into historical, social and cultural context of art objects
- Critique personal work as well as that of peers
- Learn visual arts-related vocabulary

**Note:** Completion of this course with a passing grade is a prerequisite for students to enroll in all other visual arts courses; Students will be expected to maintain a sketchbook.

### ADVANCED 2D ART

**Prerequisite:** Intro to 2D Art (“B” or higher)  
**Course Number:** 4004  
**Grades:** 9 – 12  
**ONE SEMESTER:** 1 Credit  
**Core 40, AHD & THD elective & directed elective course**  
Fulfills AHD fine arts requirements
- Incorporate prior knowledge of the elements and principles of design into new works
- Explore a variety of two dimensional art media, including advanced projects in painting, drawing and printmaking
- Experiment with new art materials and processes
- Investigate contemporary artists and artworks
- Critique personal work as well as that of others
- Obtain a personal artistic style
- Engage in research and inquiry into historical, social and cultural context of art objects

**Note:** Grade 9 students are able to enroll in this course only if they completed Intro to 2D Art in 8th grade; Students will be expected to maintain a sketchbook.

### DRAWING I

**Prerequisite:** Intro to 2D Art  
**Course Number:** 4060I  
**Grades:** 9 – 12  
**ONE SEMESTER:** 1 Credit  
**Core 40, AHD & THD elective & directed elective course**  
Fulfills AHD fine arts requirements
- Incorporate prior knowledge of the elements and principles of design into new works
- Communicate visually through class work
- Explore a variety of drawing mediums and techniques
- Focus on realistic rendering, craftsmanship and personal artistic style
- Introduce ancient art history as well as art traditions from around the world
- Critique personal work as well as that of peers
- Write about a variety of topics as they pertain to art aesthetics, production and criticism

**Note:** Grade 9 students are able to enroll in this course only if they completed Intro to 2D Art in 8th grade; Students will be expected to maintain a sketchbook.

### DRAWING II

**Prerequisite:** Drawing I  
**Course Number:** 4060II  
**Grades:** 9 – 12  
**ONE SEMESTER:** 1 Credit  
**Core 40, AHD & THD elective & directed elective course**  
Fulfills AHD fine arts requirements
- Incorporate prior knowledge of the elements and principles of design into new works
- Communicate visually through class work
- Build upon previous knowledge of drawing mediums and techniques
- Emphasize realistic rendering, craftsmanship and personal artistic style for the purpose of building a portfolio
- Continue to explore ancient art history as well as art traditions from around the world
- Critique personal work as well as that of peers
- Write about a variety of topics that pertain to art aesthetics, production and criticism

**Note:** Grade 9 students are able to enroll in this course only if they completed Intro to 2D Art in 8th grade; Students will be expected to maintain a sketchbook.
FINE ARTS (Visual)

PAINTING I

Prerequisite: Intro to 2D Art
Course Number: 4064I
Grades 9 – 12
ONE SEMESTER
1 Credit
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirements
• Incorporate prior knowledge of the elements and principles of design into new works
• Communicate visually through class work
• Explore a variety of painting mediums and techniques
• Focus on realistic rendering, craftsmanship and personal artistic style
• Introduce the beginnings of western art traditions as well as modern art traditions
• Critique personal work as well as that of peers
• Write about a variety of topics that pertain to art aesthetics, production and criticism

Note: Grade 9 students are able to enroll in this course only if they completed Intro to 2D Art in 8th grade; Students will be expected to maintain a sketchbook.

PAINTING II

Prerequisite: Painting I
Course Number: 4064II
Grades 9 – 12
ONE SEMESTER
1 Credit
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirements
• Incorporate prior knowledge of the elements and principles of design into new works
• Communicate visually through class work
• Build upon previous knowledge of painting mediums and techniques
• Emphasize realistic rendering, craftsmanship and personal artistic style for the purpose of building a portfolio
• Introduce 19th Century art as well as early 20th Century art
• Critique personal work as well as that of peers
• Write about a variety of topics that pertain to art aesthetics, production and criticism

Note: Grade 9 students are able to enroll in this course only if they completed Intro to 2D Art in 8th grade; Students will be expected to maintain a sketchbook.

PAINTING III

Prerequisite: Painting II
Course Number: 4064III
Grades 11 – 12
ONE SEMESTER
1 Credit
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirements
• Incorporate prior knowledge of the elements and principles of design into new works
• Communicate visually through class work
• Build upon previous knowledge of painting mediums and techniques
• Emphasize realistic rendering, craftsmanship and personal artistic style for the purpose of building a portfolio
• Introduce contemporary art made after 1945
• Critique personal work as well as that of peers
• Write about a variety of topics that pertain to art aesthetics, production and criticism

Note: Grade 9 students are able to enroll in this course only if they completed Intro to 2D Art in 8th grade; Students will be expected to maintain a sketchbook.

PHOTOGRAPHY I

Prerequisite: Intro to 2D Art
Course Number: 4062I
Grades 9 – 12
ONE SEMESTER
1 Credit
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirements
• Incorporate prior knowledge of the elements and principles of design into new works
• Focus on craftsmanship, visual communication and personal artistic style
• Introduce the art history of the invention of photography
• Attain an understanding of the mechanics of cameras as well as the darkroom process
• Provide the student with exposure to current photography technology
• Critique personal work as well as that of peers
• Write about a variety of topics that pertain to art aesthetics, production and criticism

Note: Grade 9 students are able to enroll in this course only if they completed Intro to 2D Art in 8th grade; Students will be expected to maintain a sketchbook.

PHOTOGRAPHY II

Prerequisite: Photography I
Course Number: 4062II
Grades 9 – 12
ONE SEMESTER
1 Credit
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirements
• Incorporate prior knowledge of the elements and principles of design into new works
• Emphasize craftsmanship, visual communication and personal artistic style for the purpose of building a portfolio
• Introduce the art history behind early photographs as well as camera/lens types
• Build on previous knowledge of the mechanics of cameras as well as the darkroom process
• Provide the student with exposure to current photography technology
• Critique personal work as well as that of peers
• Write about a variety of topics that pertain to art aesthetics, production and criticism

Note: Grade 9 students are able to enroll in this course only if they completed Intro to 2D Art in 8th grade; Students will be expected to maintain a sketchbook.
CERAMICS I
Prerequisite: Intro to 2D Art
Course Number: 4040I
ONE SEMESTER 1 Credit
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirements
• Incorporate prior knowledge of the elements and principles of design into new works
• Learn a variety of techniques used to create both functional and ornamental ceramics
• Develop a vocabulary of ceramic terms
• Explore a variety of glazes and glazing techniques
• Develop a knowledge of clay stages and firing process
• Critique personal work as well as that of others
• Emphasize design and planning
Note: Grade 9 students are able to enroll in this course only if they completed Intro to 2D Art in 8th grade; Students will be expected to maintain

CERAMICS II
Prerequisite: Ceramics I ("B" or higher)
Course Number: 4040II
ONE SEMESTER 1 Credit
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirements
• Incorporate prior knowledge of the elements and principles of design into new works
• Learn a variety of advanced techniques to make both functional and ornamental ceramics
• Continue to develop a vocabulary of ceramic terms
• Introduce wheel throwing process and techniques
• Explore a variety of glazes and advanced glazing techniques
• Critique personal work as well as that of others
• Emphasize design and planning
Note: Grade 9 students are able to enroll in this course only if they completed Intro to 2D Art in 8th grade; Students will be expected to maintain a sketchbook.

JEWELRY
Prerequisite: Intro to 2D Art
Course Number: 4042
ONE SEMESTER 1 Credit
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirements
• Incorporate prior knowledge of the elements and principles of design into new works
• Learn a variety of techniques to make both functional and ornamental jewelry
• Explore a variety of media, including paper, clay, glass, metals, plastic and found objects
• Research historical origins and purpose of jewelry
• Develop a working knowledge of materials and tools
• Critique personal work as well as that of others
• Emphasize design and planning
Note: Grade 9 students are able to enroll in this course only if they completed Intro to 2D Art in 8th grade; Students will be expected to maintain a sketchbook.

SCULPTURE
Prerequisite: Intro to 2D Art
Course Number: 4044
ONE SEMESTER 1 Credit
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirements
• Incorporate prior knowledge of the elements and principles of design into new works
• Create three-dimensional work while exploring a variety of media, including wood, plastic, paper-mache, glass, and found objects
• Develop a working knowledge of materials and tools
• Investigate techniques such as carving, molding and assembly
• Explore surface treatments
• Critique personal work as well as that of others
• Emphasize design and planning
Note: Grade 9 students are able to enroll in this course only if they completed Intro to 2D Art in 8th grade; Students will be expected to maintain a sketchbook.

AP STUDIO ART – DRAWING PORTFOLIO
Prerequisite: "B" or higher in at least two of the following courses: Adv 2D Art, Drawing I, Drawing II, Painting I, Painting II, Painting III, Photography I, Photography II
Course Number: 4048F – 4048S
TWO SEMESTERS 2 Credits
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirement
• Produce a minimum of 24 works of art that will develop drawing and two-dimensional design skills
• Develop and choose an idea to explore in depth for the Concentration section
• Communicate visually through class work
• Build upon previous knowledge of painting mediums and techniques
• Emphasize realistic rendering, craftsmanship and personal artistic style for the purpose of building a digital portfolio that will be submitted as the AP exam
• Critique personal work as well as that of peers
• Explore the works of professional artists through fieldtrips to the Indianapolis Museum of Art as well as local galleries

Note: This is a grade-weighted course; Students will be expected to maintain a sketchbook; Four summer assignments are required for this course. Students will be assessed on their summer assignments within the beginning weeks of the school year. Students are expected to take the AP Studio Art – Drawing Portfolio exam in May.
AP STUDIO ART – 2D DESIGN PORTFOLIO

Prerequisite: “B” or higher in at least two of the following courses: Adv 2D Art, Drawing I, Drawing II, Painting I, Painting II, Painting III, Photography I, Photography II

Course Number: 4050F – 4050S  Grades 11 – 12
TWO SEMESTERS  2 Credits
Core 40, AHD & THD elective & directed elective course
Fulfills AHD fine arts requirement

• Produce a minimum of 24 works of art that reflect issues related to 2D design
• Develop and choose an idea to explore in depth for the Concentration section
• Communicate visually through class work
• Build upon previous knowledge of painting mediums and techniques
• Emphasize realistic rendering, craftsmanship and personal artistic style for the purpose of building a digital portfolio that will be submitted as the AP exam
• Critique personal work as well as that of peers
• Explore the works of professional artists through fieldtrips to the Indianapolis Museum of Art as well as local galleries

Note: This is a grade-weighted course; Students will be expected to maintain a sketchbook; Four summer assignments are required for this course. Students will be assessed on their summer assignments within the beginning weeks of the school year. Students are required to take the AP Studio Art – 2D Design Portfolio exam in May.
### HEALTH & PHYSICAL EDUCATION

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<thead>
<tr>
<th>PHYSICAL EDUCATION I</th>
<th>ADV PHYSICAL EDUCATION I</th>
<th>ADV PHYSICAL EDUCATION I - FOOTBALL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course Number</strong></td>
<td>3542</td>
<td>3542A</td>
</tr>
<tr>
<td><strong>Grade Level</strong></td>
<td>9 – 12</td>
<td></td>
</tr>
<tr>
<td><strong>Prerequisite</strong></td>
<td>None</td>
<td>Students must receive recommendation from a PHS varsity head coach AND receive instructor approval</td>
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</tbody>
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<table>
<thead>
<tr>
<th>PHYSICAL EDUCATION II</th>
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<th>ADV PHYSICAL EDUCATION II - FOOTBALL</th>
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<tr>
<td><strong>Course Number</strong></td>
<td>3544</td>
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<tr>
<td><strong>Grade Level</strong></td>
<td>9 – 12</td>
<td></td>
</tr>
<tr>
<td><strong>Prerequisite</strong></td>
<td>None</td>
<td>Students must receive recommendation from a PHS varsity head coach AND receive instructor approval</td>
</tr>
</tbody>
</table>

**ONE SEMESTER**

Fulfills Core 40, AHD & THD Physical Education requirement

- Emphasize health related and lifetime fitness activities
- Obtain the basic knowledge for individual, team and recreational games
- Provide students with opportunities to achieve specific skills in team, individual and recreational games
- Increase social skills by learning the basic rules and strategies needed to referee specific individual and team sports
- Engage in physical activities, such as flag football, tennis, volleyball, handball, dance, basketball, aquatic games, tumbling, speedball, table tennis and badminton
- Develop and apply strategies to improve cardio-respiratory endurance, muscular strength, flexibility and body composition
- Assess both written and performance-based skills

<table>
<thead>
<tr>
<th>ELECTIVE PE: ADV PHYSICAL CONDITIONING</th>
<th>ELECTIVE PE: ADV PHYSICAL CONDITIONING - FOOTBALL</th>
</tr>
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<tbody>
<tr>
<td><strong>Course Number</strong></td>
<td>3560F – 3560S</td>
</tr>
<tr>
<td><strong>Grade Level</strong></td>
<td>9 – 12</td>
</tr>
<tr>
<td><strong>Prerequisite</strong></td>
<td>PE I &amp; PE II</td>
</tr>
</tbody>
</table>

| **Course Number**                    | 3560FF – 3560SF                                |
| **Grade Level**                      | 9 – 12                                         |
| **Prerequisite**                     | PE I & PE II; Students must be a current member of the PHS football team |

**ONE or TWO SEMESTERS**

Core 40, AHD & THD elective course

- Promote lifetime sports and training
- Improve fitness and sports performance
- Enhance muscular strength and power
- Learn complex training skills and be able to apply them to a personalized training program
- Participate daily in advanced training activities that improve endurance, flexibility, and body composition
- Interact socially in an intense working environment

**Note:** A maximum of six credits can be earned in elective physical education courses (including APC, Lifetime Activities, Modern Fitness, and Team Sports).

Department Chair: Mrs. Julie Bradshaw
**HEALTH AND WELLNESS EDUCATION**

Course Number: 3506  
Grades 9 – 12  
ONE SEMESTER  1 Credit  
Fulfills Core 40, AHD & THD Health & Wellness requirement

- Advocate to become competent lifetime health consumers by developing knowledge, concepts, skills, behaviors and attitudes related to student health
- Explore major content areas as expressed in the Indiana Health Education Standards Guide
- Attain information that will assist students in understanding that health is a lifetime commitment by analyzing individual risk factors and health decisions that promote health and prevent disease
- Increase knowledge on personal and consumer health, growth and development, community and environmental health, alcohol, tobacco and other drugs, mental and emotional health, exercise and nutrition

**Note:** Students will have the opportunity to earn CPR/AED certification.

**ELECTIVE PE: LIFEGUARDING**

**Prerequisite: Physical Education I & II; Students must be 15 years of age and able to pass a swim test.** The swim test includes: an untimed 300 yard non-stop swim, treading water for two straight minutes, and retrieving a 10lb brick from a depth of 7-10ft.

Course Number: 3560L  
Grades 10 – 12  
ONE SEMESTER  1 Credit  
Core 40, AHD & THD elective course

- Give students the opportunity to become certified as an American Red Cross lifeguard, enabling them to seek employment at area aquatic centers
- Learn hands-on training in the pool
- Learn CPR, use of an automated external defibrillator, basic first aid and other lifesaving skills
- Gain the physical skills and knowledge needed in order to meet the requirements of the American Red Cross to become a lifeguard
- Develop swimming skills, swimming rescues, CPR and first aid

**Note:** A physical skills test will occur prior to the start of the class. A maximum of six credits can be earned in elective physical education courses (including APC, Modern Fitness, Lifetime Activities, and Team Sports).

**ELECTIVE PE: LIFETIME ACTIVITIES**

**Prerequisite: Physical Education I & II**

Course Number: 3560LAF – 3560LAS  
Grades 9 – 12  
ONE or TWOSEMESTERS  1 or 2 Credits  
Core 40, AHD & THD elective course

- Promote lifetime sport and recreational activities
- Emphasize lifetime fitness, such as aerobic exercise, weight training, yoga, aquatic activities and Pilates
- Participate in activities which may include but not limited to corn hole, table tennis, tsegball and badminton
- Learn specific board and card games which may include, but not limited to *Euchre, Bunco, Apples to Apples* and various other board games

**Note:** A maximum of six credits can be earned in elective physical education courses (including APC, Modern Fitness, Lifeguarding, and Team Sports).

**ELECTIVE PE: MODERN FITNESS**

**Prerequisite: Physical Education I & II**

Course Numbers: 3560PFF – 3560PFS  
Grades 9 – 12  
ONE or TWOSEMESTERS  1 or 2 Credits  
Core 40, AHD & THD elective course

- Improve self-confidence, enhance body composition and increase energy levels
- Gain knowledge of current fitness practices to aid in the development of lifelong fitness habits
- Utilize weight training, walking, jogging, yoga, Pilates, and aquatic exercises
- Utilize treadmills, elliptical machines, stationary bikes, weight machines, heart rate monitors and other current fitness technology
- Discuss current health issues and trends

**Note:** A maximum of six credits can be earned in elective physical education courses (including APC, Lifetime Activities, Lifeguarding, and Team Sports).

**ELECTIVE PE: TEAM SPORTS**

**Prerequisite: Physical Education I & II**

Course Numbers: 3560TSF – 3560TSS  
Grades 9 – 12  
ONE or TWOSEMESTERS  1 or 2 Credits  
Core 40, AHD & THD elective course

- Promote lifetime sport and recreational activities
- Participate in activities which may include, but not limited to football, speedball, volleyball, basketball bowling, tennis, corn hole, softball, table tennis and badminton, ultimate Frisbee, and tsegball

**Note:** A maximum of six credits can be earned in elective physical education courses (including APC, Lifetime Activities, Lifeguarding, and Team Sports).
### SENIOR LEVEL COURSES

<table>
<thead>
<tr>
<th>COURSES</th>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>Finite Math/Math111 VU</td>
<td>1</td>
<td>Algebra II (&quot;C-&quot; or higher recommended); Qualifying test score (see page 13)</td>
</tr>
<tr>
<td>Probability &amp; Statistics</td>
<td>1</td>
<td>Algebra II (&quot;C-&quot; or higher recommended)</td>
</tr>
<tr>
<td>AP Calculus BC</td>
<td>2</td>
<td>AP Calculus AB</td>
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<tr>
<td>AP Calculus AB</td>
<td>2</td>
<td>Pre-Calculus/Trigonometry Honors or Trigonometry/MATH104 VU</td>
</tr>
<tr>
<td>AP Statistics</td>
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<td>Pre-Calculus/Trigonometry Honors (&quot;C-&quot; or higher) or Trigonometry/MATH104 VU</td>
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<td>Calculus I/MATH211 IU</td>
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<td>Pre-Calculus/Trigonometry Honors or Trigonometry/MATH104 VU</td>
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<td>Trigonometry/MATH104 VU</td>
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<td>AdvMthCC: Coll Alg/MATH102 VU (&quot;C-&quot; or higher)</td>
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</tr>
<tr>
<td>Pre-Calculus/Trigonometry Honors</td>
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<td>Algebra II Honors (&quot;B-&quot; or higher); Algebra II (&quot;B&quot; or higher)</td>
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<tr>
<td>Algebra II</td>
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<td>Geometry</td>
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<tr>
<td>Algebra II Foundations</td>
<td>2</td>
<td>Geometry; Teacher Recommendation</td>
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<tr>
<td>Math Lab – GQE Remediation</td>
<td>1-2</td>
<td>&quot;DNP&quot; on Algebra I ECA or ISTEP+ Math Test</td>
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### SOPHOMORE LEVEL COURSES

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<thead>
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<th>COURSES</th>
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<tbody>
<tr>
<td>Pre-Calculus/Trigonometry Honors</td>
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<td>Geometry</td>
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<tr>
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<tr>
<td>Geometry – Double Block</td>
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<td>Algebra I; Teacher recommendation</td>
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<tr>
<td>Geometry Lab – Double Block</td>
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<td>Algebra I; Teacher recommendation</td>
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</table>

### FRESHMEN LEVEL COURSES

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<tr>
<th>COURSES</th>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>Algebra II Honors</td>
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<td>Geometry (&quot;B-&quot; or higher)</td>
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<tr>
<td>Algebra II</td>
<td>2</td>
<td>Geometry</td>
</tr>
<tr>
<td>Geometry</td>
<td>2</td>
<td>Algebra I (&quot;B-&quot; or higher recommended)</td>
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<tr>
<td>Algebra I</td>
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<td>None</td>
</tr>
<tr>
<td>Algebra I – Double Block</td>
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<td>Teacher recommendation</td>
</tr>
<tr>
<td>Algebra I Lab – Double Block</td>
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<td>Teacher recommendation</td>
</tr>
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**Please Note: For all math courses, students must pass the 1st semester in order to continue on to the 2nd semester.**

Department Chair: Ms. Teri Carpenter
**MATHEMATICS**

**ALGEBRA I**
Course Numbers: 2520F – 2520S
TWO SEMESTERS
Core 40, AHD & THD mathematics course

**ALGEBRA I – DOUBLE BLOCK**
Prerequisite: Teacher recommendation
Course Numbers: 2520DF – 2520DS
Grade 9
TWO SEMESTERS
Core 40, AHD & THD mathematics course
- Develop algebraic skills and concepts
- Prepare for Geometry and Algebra II
- Learn problem solving skills and the concept of functions
- Study properties of real numbers, equations, inequalities, exponents, and introductory topics from statistics and probability
- Graph linear equations and systems of equations
**Note:** Students may not self-select Algebra I – Double Block, but may be required to participate.

**ALGEBRA I LAB – DOUBLE BLOCK**
Prerequisite: Teacher recommendation
Course Numbers: 2516DF – 2516DS
Grade 9
ONE or TWO SEMESTERS
Core 40, AHD & THD elective course
- Receive additional support for successful completion of Algebra I
- Take the ISTEP+ Math Test
**Note:** Students may not self-select Algebra I Lab – Double Block, but may be required to participate.

**MATH LAB – GQE REMEDIATION**
Course Numbers: 2560RF – 2560RS
Grade 11 – 12
ONE or TWO SEMESTERS
Core 40, AHD & THD elective course
- Develop and refine understanding of Algebra I standards
- Take the Algebra I ECA or ISTEP+ Math Test
**Note:** Students may not self-select this course, but may be required to participate; Students who have passed the Algebra I course but have yet to pass the Algebra I ECA or ISTEP+ Math Test should enroll in this course.

**GEOMETRY**
Prerequisite: Algebra I (“B-” or higher in both semesters for grade 9)
Course Numbers: 2532F – 2532S
Grade 9 – 12
TWO SEMESTERS
Core 40, AHD & THD mathematics course

**GEOMETRY – DOUBLE BLOCK**
Prerequisite: Algebra I; Teacher recommendation
Course Numbers: 2532DF – 2532DS
Grade 10
TWO SEMESTERS
Core 40, AHD & THD mathematics course
- Build deductive and inductive reasoning skills
- Learn investigative strategies in drawing conclusions
- Study angles, lines, planes, congruent and similar triangles, trigonometric ratios, polygons, circles, and spatial drawings and relationships
- Develop an understanding of proof and logic

**Note:** Students who wish to enroll in both Geometry and Algebra II Honors concurrently must have earned an “A” in the first semester of Algebra I and must receive the math department chair’s approval. These students should have the intent of taking higher level math during their senior year.

**ALGEBRA II FOUNDATIONS**
Prerequisite: Geometry; Teacher Recommendation
Course Numbers: 2522TF-2522TS
Grades 11 – 12
TWO SEMESTERS
Core 40 mathematics course
- Expand the topics of Algebra I and further develop the concept of various functions
- Learn the complex number system, sequences and series, and the properties and graphs of conic sections
- Students receive daily help on Algebra II concepts, as well as extra practice with algorithms of algebra, polynomials and polynomial functions, rational functions, exponential and logarithmic functions.

**ALGEBRA II**
Prerequisite: Geometry (“C-“ or higher in both semesters for grade 9)
Course Numbers: 2522F – 2522S
Grades 9 – 12
TWO SEMESTERS
Core 40, AHD & THD mathematics course
- Expand the topics of Algebra I and further develop the concept of various functions
- Study theorems and algorithms of algebra, polynomials and polynomial functions, rational functions, exponential and logarithmic functions
- Learn the complex number system, sequences and series, and the properties and graphs of conic sections
- Develop a deeper understanding of probability with introduction to permutations, combinations, and matrices

2018 – 2019 PATHFINDER CURRICULUM HANDBOOK
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**ALGEBRA II HONORS**

**Prerequisite:** Geometry ("B-" or higher in both semesters & passing score on ISTEP+ Mathematics)

Course Numbers: 2522FH – 2522SH  
Two Semesters  
Core 40, AHD & THD mathematics course

- Expand the topics of Algebra I and further develop the concept of various functions
- Study theorems and algorithms of algebra, polynomials and polynomial functions, rational functions, exponential and logarithmic functions
- Learn the complex number system, sequences and series, and the properties and graphs of conic sections
- Develop a deeper understanding of probability with introduction to permutations, combinations, and matrices
- Expand the study the skills and topics of Algebra II in more depth
- Focused on application of Algebra II concepts to cross curricular and real life situations
- Develop skills with graphing calculators in preparation for future math courses
- Prepare students for success in Pre-Calculus Honors

**Note:** This is a grade-weighted course; Graphing calculator required, TI-84 recommended; This course enriches the same material as Algebra II with more emphasis on theory, a higher degree of difficulty in problem solving and independent study. This course also includes additional topics such as matrices, conic sections, and basic trigonometry; Students who wish to enroll in both Algebra II and Geometry concurrently must have earned an “A” in the first semester of Algebra I and must receive the math department chair’s approval. These students should have the intent of taking higher level math during their senior year.

**PRE-CALCULUS/TRIGONOMETRY HONORS**

**Prerequisite:** Algebra II (“B-” or higher in both semesters) 
Algebra II Honors (“B-” or higher in both semesters)  
& passing score on ISTEP+ Mathematics

Course Numbers: 2564H – 2566H  
Two Semesters  
Core 40, AHD & THD mathematics course

- Learn and further develop concepts to prepare students for college level work in math
- Develop an understanding of various functions and their graphs
- Study a wide variety of trigonometric topics, including solution of triangles, circular functions, trigonometric identities and application
- Introduce basic calculus concepts such as continuity and limits

**Note:** This is a grade-weighted course; Graphing calculator required, TI-84 recommended.

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**ADVANCED MATH: COLLEGE ALGEBRA**

**Prerequisite:** Algebra II or Algebra II Honors

Course Number: 2544  
Grades 11 – 12  
One Semester  
1 Credit  
Core 40, AHD & THD mathematics course

**ADV MATH CC: COLLEGE ALGEBRA/MATH102 VU (DC)**

**Prerequisite:** Algebra II or Algebra II Honors AND qualifying test scores (please refer to testing prerequisite chart on p.14)

**College Tuition:** $75, payable to Vincennes University

Course Number: 2544D  
Grades 11 – 12  
One Semester  
1 Credit  
Core 40, AHD & THD mathematics course

- Study equations, inequalities, and graphs of functions
- Learn polynomial functions, rational functions, inverse functions, exponential functions, and logarithmic functions
- Develop an understanding of analytic geometry

**Note:** This is a grade-weighted course; In order to receive 3 VU college credits, students taking this course must earn a grade of at least 70%; Must purchase textbook.

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**TRIGONOMETRY**

**Prerequisite:** College Algebra

Course Number: 2566  
Grades 11 – 12  
One Semester  
1 Credit  
Core 40, AHD & THD mathematics course

**TRIGONOMETRY/MATH104 VU (DC)**

**Prerequisite:** College Algebra/MATH102 (“C-” or higher)

**College Tuition:** $75, payable to Vincennes University

Course Number: 2566D  
Grades 11 – 12  
One Semester  
1 Credit  
Core 40, AHD & THD mathematics course

- Prepare for advanced math classes
- Study trigonometric functions, properties of angles, right triangles, and circular functions
- Learn about trigonometric identities and equations

**Note:** This is a grade-weighted course; In order to receive 3 VU college credits, students taking this course must earn a grade of at least 70%; Must purchase textbook.

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**CALCULUS I/MATHM211 IU (ACP)**

**Prerequisite:** Pre-Calculus/Trigonometry Honors OR College Algebra/MATH102 & Trigonometry/MATH104; Cumulative GPA of 2.7 or higher

**College Tuition:** $100, payable to Indiana University

Course Numbers: 2527ACPF – 2527ACPS  
Grades 11 – 12  
Two Semesters  
2 Credits  
Core 40, AHD & THD mathematics course

- Learn a full academic year of calculus and related topics
- Study application of topics related to various fields of science and engineering
- Practice higher order thinking skills such as application, analysis, synthesis, and evaluation

**Note:** This is a grade-weighted course; Students will earn 4 Indiana University college credits upon completion of this course.
AP CALCULUS AB
Prerequisite: Pre-Calculus/Trigonometry Honors OR College Algebra/MATH102 & Trigonometry/MATH104
Course Numbers: 2562F – 2562S Grades 11 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD mathematics course
  • Learn a full academic year of calculus and related topics
  • Study application of topics related to various fields of science and engineering
  • Practice higher order thinking skills such as application, analysis, synthesis, and evaluation
Note: This is a grade-weighted course; A summer assignment is required for this course. Students will be assessed on their summer assignment within the beginning weeks of the school year. Students are expected to take the AP Calculus AB exam in May.

AP CALCULUS BC
Prerequisite: AP Calculus AB
Course Numbers: 2572F – 2572S Grade 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD mathematics course
  • Emphasize a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally
  • Topics include: 1) functions, graphs, and limits; 2) derivatives; 3) integrals; and 4) polynomial approximations and series
Note: This is a grade-weighted course; A summer assignment is required for this course. Students will be assessed on their summer assignment within the beginning weeks of the school year. Students are expected to take the AP Calculus BC exam in May.

AP STATISTICS
Prerequisite: Pre-Calculus/Trigonometry Honors (“C-” or higher in both semesters) OR College Algebra/MATH102 & Trigonometry/MATH104 (“C-” or higher in both semesters)
Course Numbers: 2570F – 2570S Grades 11 – 12
TWO SEMESTERS 2 Credits
Core 40, AHD & THD mathematics course
  • Develop appreciation and skill in applying statistical techniques in the decision-making process
  • Study the following topics: methods of data collection, organization of data, measures of central tendency and variation, basic laws of probability, sampling theory, hypothesis testing, and making inferences from a sample.
Note: This is a grade-weighted course; Graphing calculator required, TI-84 recommended; A summer assignment is required for this course. Students will be assessed on their summer assignment within the beginning weeks of the school year. Students are expected to take the AP Statistics exam in May.

PROBABILITY AND STATISTICS
Prerequisite: Algebra II (“C-” or higher in both semesters recommended)
Course Number: 2546 Grade 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD mathematics course
  • Acquire skills to apply statistical techniques
  • Apply skills in the decision-making process
  • Learn about descriptive statistics and probability
  • Study statistical inference

FINITE MATHEMATICS
Prerequisite: Algebra II (“C-” or higher in both semesters recommended) AND qualifying test scores (please refer to testing prerequisite chart on p.14)
College Tuition: $75, payable to Vincennes University
Course Number: 2530 Grade 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD mathematics course
FINITE MATHEMATICS/MATH111 VU (DC)
Prerequisite: Algebra II (“C-” or higher in both semesters recommended) AND qualifying test scores (please refer to testing prerequisite chart on p.14)
College Tuition: $75, payable to Vincennes University
Course Number: 2530D Grade 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD mathematics course
  • Survey mathematical analysis techniques taken from discrete math which are relevant to the business world
  • Study set theory, counting techniques, probability, statistical models, systems of equations, matrix algebra, and linear programming
  • Learn about Markov chains and finance
  • Learn about Markov chains and finance
Note: Finite Mathematics/MATH111 VU (DC) is a grade-weighted course; In order to receive 3 VU college credits, students must earn a grade of at least 70%; Must purchase textbook.
Project Lead the Way (PLTW):

**BIOMEDICAL SCIENCES**

PLTW Biomedical Sciences™ is a rigorous and relevant four-course sequence that allows students to play the roles of biomedical professionals as they investigate and study the concepts of human medicine, physiology, genetics, microbiology, and public health. Students engage in activities like investigating the death of a fictional person to learn content in the context of real-world cases. Students examine the structures and interactions of human body systems and explore the prevention, diagnosis, and treatment of disease, all while working collaboratively to understand and design solutions to the most pressing health challenges of today and the future. Students interested in pursuing careers in health science/healthcare (i.e. Nursing, Physical Therapy, Physician Assistant, Dental Hygiene, EMT, Pharmacy, Lab Technician, Medical Imaging, Medical Assisting, etc.) are encouraged to complete the PLTW Biomedical Science™ 3-course sequence.

Please Note: All PLTW Biomedical Sciences™ courses require concurrent enrollment in (or satisfactory prior completion of) appropriate grade-level math and science courses. Grade-level courses should be those that support a student’s requirements towards matriculation.

---

**PLTW: PRINCIPLES OF BIOMEDICAL SCIENCES**

*Prerequisite: Biology I (“C” or higher)*

Course Numbers: 5218F – 5218S  
TWO SEMESTERS  
2 Credits

Core 40, THD & AHD science course

- Introduce students to human physiology, basic biology, medicine and research process
- Explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases
- Determine factors that led to the death of a fictional woman by surveying medical history and autopsy report
- Investigate lifestyle choices and medical treatments that might have prolonged the fictional woman’s life and demonstrate how the development of disease is related to changes in human body systems

**PLTW: HUMAN BODY SYSTEMS**

*Prerequisite: PLTW Principles of Biomedical Sciences OR Chemistry I Honors OR Anatomy & Physiology Honors*

Course Numbers: 5216F – 5216S  
TWO SEMESTERS  
2 Credits

Core 40, THD & AHD Science course

- Engage students in the study of basic human physiology and the care and maintenance required to support the complex systems
- Employ a variety of monitors to examine body systems (respiratory, circulatory, and nervous) at rest and under stress
- Observe the interactions between the various body systems
- Use appropriate software to design and build systems to monitor body functions

**Note:** This is a grade-weighted course.

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**PLTW: MEDICAL INTERVENTIONS**

*Prerequisite/Current Enrollment: PLTW Human Body Systems OR Anatomy & Physiology Honors OR AP Chemistry OR AP Biology*

Course Numbers: 5217F – 5217S  
TWO SEMESTERS  
2 Credits

Core 40, THD & AHD Science course

- Investigate the variety of interventions involved in the prevention, diagnosis and treatment of disease as students follow the lives of a fictitious family
- Examine how to maintain overall health and homeostasis in the body; how to prevent and fight infection; how to screen and evaluate the code in human DNA; how to prevent, diagnose and treat cancer; and how to prevail when the organs of the body begin to fail
- Study interventions related to immunology, surgery, genetics, pharmacology, medical devices and diagnostics
- Examine lifestyle choices and preventive measures, as well as the important roles scientific thinking and engineering design play in the development of interventions of the future

**Note:** This is a grade-weighted course.

Department Chair: Mrs. Melissa Sedwick
### Senior & Junior Level Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>AP Biology</td>
<td>2</td>
<td>Biology I (&quot;B&quot; or higher); Chemistry I Honors (&quot;B&quot; or higher); Cumulative GPA of 2.7 or higher</td>
</tr>
<tr>
<td>AP Physics 2: Algebra-Based</td>
<td>2</td>
<td>Algebra II (&quot;B&quot; or higher); Pre-Calculus/Trigonometry Honors (or concurrent enrollment); AP Physics 1: Algebra-Based (&quot;C&quot; or higher) or Physics I Honors (&quot;B&quot; or higher)</td>
</tr>
<tr>
<td>AP Physics 1: Algebra-Based</td>
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<td>Algebra II (&quot;B&quot; or higher); Chemistry I Honors (&quot;B&quot; or higher) or Physics I Honors (&quot;B&quot; or higher)</td>
</tr>
<tr>
<td>Physics I Honors</td>
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<td>Biology I; Geometry; Algebra I (&quot;C&quot; or higher); ICP or Chemistry I Honors (recommended)</td>
</tr>
<tr>
<td>AP Chemistry</td>
<td>2</td>
<td>Chemistry I Honors (&quot;B&quot; or higher); Algebra II (or concurrent enrollment)</td>
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<td>Anatomy &amp; Physiology Honors</td>
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<td>Biology I (&quot;C&quot; or higher); Algebra I (or concurrent enrollment)</td>
</tr>
<tr>
<td>Integrated Chemistry-Physics</td>
<td>2</td>
<td>Biology I; Algebra I</td>
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<td>Integrated Chemistry-Physics Foundations</td>
<td>2</td>
<td>Biology I; Algebra I and teacher recommendation</td>
</tr>
<tr>
<td>Earth Space Science I</td>
<td>2</td>
<td>Biology I</td>
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### Sophomore Level Courses

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<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>AP Physics 1: Algebra-Based</td>
<td>2</td>
<td>Algebra II (&quot;B&quot; or higher); Chemistry I Honors (&quot;B&quot; or higher) or Physics I Honors (&quot;B&quot; or higher)</td>
</tr>
<tr>
<td>Physics I Honors</td>
<td>2</td>
<td>Biology I; Geometry (&quot;B&quot; or higher); Algebra I (&quot;B&quot; or higher); ICP or Chemistry I Honors (recommended)</td>
</tr>
<tr>
<td>AP Chemistry</td>
<td>2</td>
<td>Chemistry I Honors (&quot;B&quot; or higher); Algebra II (or concurrent enrollment)</td>
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<tr>
<td>Chemistry I Honors</td>
<td>2</td>
<td>Biology I; Algebra I (&quot;B&quot; or higher); Cumulative GPA of 3.0 or higher</td>
</tr>
<tr>
<td>Anatomy &amp; Physiology Honors</td>
<td>2</td>
<td>Biology I (&quot;C&quot; or higher); Algebra I (or concurrent enrollment)</td>
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<td>Integrated Chemistry-Physics</td>
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<td>Biology I; Algebra I</td>
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<td>Integrated Chemistry-Physics Foundations</td>
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### Freshman Level Courses

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<th>Credits</th>
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<tr>
<td>Chemistry I Honors</td>
<td>2</td>
<td>Biology I (&quot;B&quot; or higher); Algebra I (&quot;B&quot; or higher)</td>
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<tr>
<td>Anatomy &amp; Physiology Honors</td>
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<td>Biology I (&quot;B&quot; or higher); Algebra I (or concurrent enrollment)</td>
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<td>Integrated Chemistry-Physics</td>
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<td>Biology I</td>
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</table>

Department Chair: Mrs. Melissa Sedwick
**BIOLOGY I**
Course Numbers: 3024F – 3024S
TWO SEMESTERS 2 Credits
Core 40, THD & AHD Science course
• Gain an understanding of the history of the development of biological knowledge
• Cope with biological questions and problems related to personal needs and social issues
• Focus on cellular structure and chemistry, ecology, genetics (molecular basis of heredity), cellular reproduction, and evolution
• Follow Indiana State Standards for Biology I
**Note:** At the conclusion of this course, students are required to take the ISTEP+ Grade 10 Science Test.

**EARTH SPACE SCIENCE I**
**Prerequisite: Biology I**
Course Numbers: 3044F – 3044S
TWO SEMESTERS 2 Credits
Core 40, THD & AHD Science course
• Focus on geology, oceanography, meteorology, and astronomy
• Emphasize mineralogy, the Earth’s surface, and Tectonic processes
• Explore wave patterns and ocean structures
• Investigate weather patterns, climate and the atmosphere
• Theorize the history and characteristics of planets, stars, galaxies, and our moon
• Explore themes with hands-on labs and activities
• Follow Indiana State Standards for Earth Space Science

**ANATOMY & PHYSIOLOGY HONORS**
**Prerequisite: Biology I (“B” or higher for grade 9; “C” or higher for grades 10-12) AND Algebra I (or concurrent enrollment)**
Course Numbers: 5276FH – 5276SH
TWO SEMESTERS 2 Credits
Core 40, THD & AHD Science course
• Focus placed on concepts related to the medical or veterinary science fields
• Concentrate on structures and functions of the human body and system interactions
• Emphasize various study tips & test-taking strategies that will help students excel at the post-secondary level
• Emphasize dissecting techniques and protocols
• Dissect several specimens, including a fetal pig
**Note:** This is a grade-weighted course. Students must pass the first semester in order to continue on to the second semester of this course.

**INTEGRATED CHEMISTRY-PHYSICS**
**Prerequisite: Biology I and Algebra I**
Course Numbers: 3108F – 3108S
TWO SEMESTERS 2 Credits
Core 40, THD & AHD Science course
• Explore fundamentals of chemistry and physics in a lab-based course
• Focus on structure and properties of matter, chemical reactions, forces, motion, and the interactions between energy and matter
• Present ideas both conceptually and mathematically
• Emphasize lab work and problem solving
• Follow Indiana State Standards for Integrated Chemistry-Physics
**Note:** A scientific calculator is required.

**INTEGRATED CHEMISTRY-PHYSICS Foundations**
**Prerequisite: Biology I and Algebra I; Teacher Recommendation**
Course Numbers: 3108TF – 3108TS
TWO SEMESTERS 2 Credits
Core 40, THD & AHD Science course
• Explore fundamentals of chemistry and physics in a lab-based course
• Focus on structure and properties of matter, chemical reactions, forces, motion, and the interactions between energy and matter
• Present ideas both conceptually and mathematically
• Emphasize lab work and problem solving
• Follow Indiana State Standards for Integrated Chemistry-Physics
**Note:** A scientific calculator is required.

**CHEMISTRY I HONORS**
**Prerequisite: Biology I (“B” or higher for grade 9) AND Algebra I (“B” or higher for grades 9-10; “C” or higher for grades 11-12) AND Cumulative GPA of at least 2.5 (3.0 for grade 10)**
Course Numbers: 3064FH – 3064FS
TWO SEMESTERS 2 Credits
Core 40, THD & AHD Science course
• Study the structure of matter and the mechanisms of its interaction in a lab-based course
• Focus on classification of matter and its changes, atomic structure, history and structure of the periodic table, molecular structure and bonding, inorganic nomenclature and chemical equations, properties of solids, liquids and gases, the gas laws, solutions and acid-base theories
• Reinforce course content with lab procedures
• Emphasize laboratory safety, lab technique and problem solving
• Follow Indiana State Standards for Chemistry I
**Note:** This is a grade-weighted course; A scientific calculator is required; Students must pass the first semester in order to continue on to the second semester of this course.
AP CHEMISTRY
Prerequisite: Chemistry I Honors (“B” or higher) AND
Algebra II (or concurrent enrollment)
Course Numbers: 3060F – 3060S Grades 10 – 12
TWO SEMESTERS 2 Credits
Core 40, THD & AHD Science course
- Review and expand upon topics introduced in Chemistry I Honors
- Follow the College Board entrance examination and laboratory investigation guidelines
- Introduce new topics, including thermodynamics, electrochemistry, reaction kinetics, equilibrium systems, and organic nomenclature
- Complete lab work to reinforce course content
- Prepare for and take the AP Chemistry exam, and may qualify, by test for college credit and/or advanced placement in college.

Note: This is a grade-weighted course; A scientific calculator is required. Completion of, or concurrent enrollment, in Physics I Honors or AP Physics is highly recommended. Students must pass the first semester in order to continue on to the second semester of this course. Students are expected to take the AP Chemistry exam in May.

PHYSICS I HONORS
Prerequisite: Biology I AND Algebra I (“B” or higher for grade 10; “C” or higher for grades 11-12) AND Geometry (“B” or higher for grade 10); Completion of ICP or Chemistry I Honors is recommended
Course Numbers: 3084FH – 3084SH Grades 10 – 12
TWO SEMESTERS 2 Credits
Core 40, THD & AHD Science course
- Explore the topics of mechanics, wave motion, heat, light, electricity, magnetism, electromagnetism, and atomic and nuclear physics
- Conduct formal and informal laboratory investigations to study the fundamental concepts and principles concerning matter and energy
- Study the history of physics and its role in the birth of technology
- Cope with physics questions related to social issues
- Complete quarterly projects demonstrating deeper understanding of physics concepts

Note: This is a grade-weighted course; A working knowledge of Algebra I and a scientific calculator are required; Students must pass the first semester in order to continue on to the second semester of this course.

AP PHYSICS 1: ALGEBRA-BASED
Prerequisite: Chemistry I Honors (“B” or higher) OR Physics I Honors (“B” or higher) AND Algebra II (“B” or higher)
Course Numbers: 3080F – 3080S Grades 10 – 12
TWO SEMESTERS 2 Credits
Core 40, THD & AHD Science course
- Examine the concepts of Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound; and an introduction to electric circuits
- Experiment, analyze, make conjectures and arguments, and solve problems in a collaborative setting
- Develop and use physics knowledge by applying it to the practice of scientific inquiry and reasoning

Note: This is a grade-weighted course; Students must pass the first semester in order to continue on to the second semester of this course; Students are expected to take the AP Physics 1: Algebra-based exam in May.

AP PHYSICS 2: ALGEBRA-BASED
Prerequisite: AP Physics 1: Algebra-based (“C” or higher) OR Physics I Honors (“B” or higher) AND Algebra II (“B” or higher) AND Pre-Calculus/Trigonometry Honors (or concurrent enrollment)
Course Numbers: 3081F – 3081S Grades 11 – 12
TWO SEMESTERS 2 Credits
Core 40, THD & AHD Science course
- Examine the topics of fluid mechanics and thermal physics, electricity and magnetism, physical and geometric optics, and atomic and nuclear physics
- Experiment, analyze, make conjectures and arguments, and solve problems in a collaborative setting
- Develop and use physics knowledge by applying it to the practice of scientific inquiry and reasoning

Note: This is a grade-weighted course; Students must pass the first semester in order to continue on to the second semester of this course; Students are expected to take the AP Physics 2: Algebra-based exam in May.

AP Biology
Prerequisite: Biology I (“B” or higher) AND Chemistry I (“B” or higher) AND Cumulative GPA of at least 2.7
Course Numbers: 3020F – 3020S Grades 11 – 12
TWO SEMESTERS 2 Credits
Core 40, THD & AHD Science course
- The course is based on four Big Ideas which encompass core scientific principles, theories, and processes including evolution, cellular processes, genetics, and ecological interactions.
- Complete lab work to reinforce major components of the course

Note: This is a grade-weighted course; Completion of, or concurrent enrollment in Physics I H or AP Chemistry is highly recommended. Students must pass first semester in order to continue on to the second semester of the course. Students are required to take the AP Biology exam in May.
## Social Studies

### Senior Level Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>AP Microeconomics</td>
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<td>U.S. History Honors CHAP/HIST102 IV or U.S. History/HIST102 IV or U.S. History (&quot;B&quot; or higher); Cumulative GPA of 3.0 or higher; Instructor approval</td>
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<td>Economics</td>
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<tr>
<td>AP U.S. Government &amp; Politics</td>
<td>1</td>
<td>U.S. Government Honors – “We the People”</td>
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<td>U.S. Gov't Honors – “We the People”</td>
<td>1</td>
<td>Honors U.S. History CHAP/HIST102 IV or U.S. History/HIST102 IV or U.S. History (&quot;B&quot; or higher); Instructor approval</td>
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<td>U.S. Government</td>
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<td>Crime/CRIM101 IVY</td>
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<td>Qualifying test score (see page 13)</td>
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<tr>
<td>AdvSSCC: Sociology/SOCI111 IVY</td>
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<td>Qualifying test score (see page 13)</td>
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<tr>
<td>Psychology/PSYC101 IVY</td>
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<td>Sociology</td>
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<td>Psychology</td>
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<td>Indiana Studies</td>
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<tr>
<td>Current Problems, Issues &amp; Events</td>
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<tr>
<td>Ethnic Studies &amp; Racial Groups</td>
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### Junior Level Courses

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<th>Course</th>
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<tr>
<td>Honors U.S. History CHAP/HIST102 IVY</td>
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<td>AP World History (&quot;C+&quot; or higher) or World History (&quot;B+&quot; or higher); English 10 Honors (&quot;B&quot; or higher) or English 10 (&quot;A&quot; or higher); Qualifying test score (see page 11)</td>
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<tr>
<td>U.S. History/HIST102 IVY</td>
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<td>U.S. History</td>
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<tr>
<td>Crime/CRIM101 IVY</td>
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<td>Qualifying test score (see page 13)</td>
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<tr>
<td>AdvSSCC: Sociology/SOCI111 IVY</td>
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<td>Qualifying test score (see page 13)</td>
</tr>
<tr>
<td>Psychology/PSYC101 IVY</td>
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<td>Qualifying test score (see page 13)</td>
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<td>Sociology</td>
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<td>Psychology</td>
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<td>Indiana Studies</td>
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<tr>
<td>Current Problems, Issues &amp; Events</td>
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<td>Ethnic Studies &amp; Racial Groups</td>
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### Sophomore Level Courses

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<th>Course</th>
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<tr>
<td>AP World History</td>
<td>2</td>
<td>English 9 Honors (&quot;B&quot; or higher) or English 9 (&quot;A&quot; or higher); Cumulative GPA of 3.5 or higher by end of Grade 9</td>
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<tr>
<td>World History</td>
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<td>Indiana Studies</td>
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<td>Ethnic Studies &amp; Racial Groups</td>
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### Freshmen Level Courses

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<tr>
<td>Indiana Studies</td>
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<tr>
<td>Current Problems, Issues &amp; Events</td>
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</tr>
<tr>
<td>Ethnic Studies &amp; Racial Groups</td>
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<td>None (Indiana Online Course)</td>
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</table>

Department Chair: Mr. Brian Pelkey
SOCIAL STUDIES

CURRENT PROBLEMS, ISSUES, AND EVENTS
Course Number: 1512
Grades 9 – 12
ONE SEMESTER
1 Credit
Core 40, AHD & THD Social Studies course
- Engage important issues on a national and an international level
- Increase student awareness of political, social, and cultural issues around the globe
- Understand the many different ways countries cope with problems
- Study the role the United States plays in global leadership

ETNIC STUDIES AND RACIAL GROUPS
Course Number: 1516
Grades 9-12
ONE SEMESTER
1 Credit
Core 40, AHD & THD Social Studies course
- Broaden student perspectives concerning lifestyles and cultural patterns of ethnic and racial groups in the United States.
- Analyze the political impact of ethnic diversity in the United States.
- Compare patterns of cultural development, immigration, and assimilation, as well as the contributions of specific ethnic, racial, or cultural groups.

**This course is available at no cost in the summer with Indiana Online.**

INDIANA STUDIES
Course Number: 1518
Grades 9 – 12
ONE SEMESTER
1 Credit
Core 40, AHD & THD Social Studies course
- Familiarize the student with the history, culture, politics, and economy of Indiana
- Analyze the way the development of our state parallels the development of the nation
- Examine key Indiana leaders and their accomplishments
- Review local trends in Indianapolis, Plainfield, and Hendricks County
- Develop projects that aid in the understanding of the pioneer period

WORLD HISTORY AND CIVILIZATION
Course Numbers: 1548E – 1548W
Grade 10
TWO SEMESTERS
2 Credits
Core 40, AHD & THD Social Studies course
- Analyze patterns of culture, emphasizing both the diversity and commonality of human experience and behavior
- Relate events from the history of Europe to modern European civilizations
- Examine the modern western world as a product of its history by studying Ancient Greece, Ancient Rome, the Middle Ages, the Renaissance and the Age of Discovery, the Age of Enlightenment, the Industrial Revolution, and Europe in the 21st Century
- Trace the development of the major cultures, political forces, religions, and social structures of non-western civilizations
- Emphasize the major political and cultural movements of the last 1,000 years in Africa, the Middle East, China, Japan, Southeast Asia, and India

AP WORLD HISTORY
Prerequisite: English 9 Honors (“B” or higher) OR English 9 (“A” or higher) AND Cumulative GPA of at least 3.5 by the end of grade 9
Course Number: 1576F – 1576S
Grades 10
TWO SEMESTERS
2 Credits
Core 40, AHD & THD Social Studies course
- Study the content established by the College Board
- Examine five overreaching themes: interaction between humans and the environment, development and interaction of cultures, state building, expansion, and conflict, creation, expansion, and interaction of economic systems, and the development and transformation of social structures

Note: This is a grade-weighted course; Students are expected to take the AP World History exam in May.

US HISTORY
Course Numbers: 1542F – 1542S
Grades 11
TWO SEMESTERS
2 Credits
Core 40, AHD & THD Social Studies course
First Semester:
- Consider the growth of American society during the Colonial War Era, the War for Independence, the development of the Constitution
- Examine the social, economic, and political struggles of the United States through World War I
- Demonstrate an understanding of the trauma of the Civil War and Reconstruction
- Identify the effects of changing from an agrarian to an industrial society
- Evaluate the causes and impact of World War I
Second Semester:
- Integrate themes of the economic growth of the 1920’s
- Explain the causes and effects of the Great Depression
- Investigate the causes and consequences of World War II
- Study the strategy of containment following the dawn of the nuclear age and the Cold War
- Gather information about the Civil Rights Movement and the youth movements of the 1950’s and 1960’s
- Explore the impact of the U.S. involvement in Vietnam
- Dissect the political, social and economic changes from Presidents Nixon through George W. Bush

2018 – 2019 PATHFINDER CURRICULUM HANDBOOK back to table of contents
U.S. HISTORY/HIST102 IVY (DC)
Prerequisite: AP World History (“C+" or higher) or World History (“B+" or higher) AND English 10 Honors (“B" or higher) or English 10 (“B+" or higher); Please refer to the testing prerequisite chart on p.13 for qualifying test scores
Course Number: 1542DF – 1542DS Grade 11
TWO SEMESTERS 2 Credits
Core 40, AHD & THD Social Studies course
• Complete in-depth examination of the U.S. Constitution
• Understand political, economic, diplomatic, intellectual, and cultural development of modern America from 1865 to the present
• Apply current events to the time period being studied to make connections
• Participate daily as an integral part of the course
Note: This is a grade-weighted course; Students will earn 3 Ivy Tech college credits upon successful completion of this course.

HONORS U.S. HISTORY CHAP/HIST102 IVY (DC)
Prerequisite: AP World History (“C+" or higher) or World History (“B+" or higher) AND English 10 Honors (“B" or higher) or English 10 (“A" or higher) Please refer to the testing prerequisite chart on p.13 for qualifying test scores
Course Number: 1542DFH – 1542DHS Grade 11
TWO SEMESTERS 2 Credits
Core 40, AHD & THD Social Studies course
CHAP: (CULTURAL HISTORY OF THE AMERICAN PEOPLE)
• Combine the study of American History with English/American Literature
• Learn constitutional principles and how they have been enforced, or not, in U.S. history
• Understand how history has influenced literature and how literature has influenced history
• Participate daily as an integral part of the course
Note: This is a grade-weighted course; Students will earn 3 Ivy Tech college credits upon successful completion of this course.

PSYCHOLOGY
Course Number: 1532 Grades 11 – 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD Social Studies course
• Introduce the field of psychology to students prior to college
• Participate in daily classroom activities relating to the study of human beings
• Study topics such as development, learning, personality, and disorders
• Gain a greater insight into the causes of personal problems in everyday life
• Design interactive projects for each unit of study
Note: Average to above average reading ability is needed for this course.

SOCIOLOGY
Course Number: 1534 Grades 11 – 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD Social Studies course
• Learn the three major theoretical philosophies of Sociology and understand different topics from each perspective
• Participate in simulations to develop sociological imagination
• Analyze and interpret readings, images, and cases in sociology
• Research and debate issues such as the family unit, religion, political institutions, race, sexual orientation, gender, globalization, etc.
• Utilize sociological concepts and theories to make connections to current events/problems
Note: Average to above average reading ability is needed for this course.

PSYCHOLOGY/PSYC101 IVY (DC)
Prerequisite: Please refer to the testing prerequisite chart on p.13 for qualifying test scores
College Tuition: $75, payable to Ivy Tech
Course Number: 1532D Grades 11 – 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD Social Studies course
• Gain understanding of biological foundations, learning processes, and research methodologies
• Study topics such as human development, personality, and abnormal and social psychology
Note: This is a grade-weighted course; Must purchase textbook; Upon successful completion of this course, students will earn 3 Ivy Tech college credits; Course is taught by an Ivy Tech professor on the PHS campus.

ADV SOCIAL SCIENCES: SOCIOLOGY/SOCI111 IVY (DC)
Prerequisite: Please refer to the testing prerequisite chart on p.13 for qualifying test scores
College Tuition: $75, payable to Ivy Tech
Course Number: 1574D Grades 11 – 12
ONE SEMESTER 1 Credit
Core 40, AHD & THD Social Studies course
• Study the major theoretical paradigms of the science of human society
• Learn about analyses of society, culture, socialization processes, social institutions, social change, and social stratification
• Apply fundamental concepts to everyday life
Note: This is a grade-weighted course; Must purchase textbook; Students will earn 3 Ivy Tech college credits upon successful completion of this course; Course is taught by an Ivy Tech professor on the PHS campus.
CRIME I/CRIM101 IVY (DC)
Prerequisite: Please refer to the testing prerequisite chart on p.13 for qualifying test scores
College Tuition: $75, payable to Ivy Tech
Course Number: 5822D  Grades 11 – 12
ONE SEMESTER  1 Credit
Core 40, AHD & THD Social Studies course
- Identify the three primary parts of the criminal system: law enforcement, courts, and corrections
- Study the purposes, functions, and history of the criminal justice system
- Explore the relationships and responsibilities of the three primary elements of the criminal justice system
Note: This is a grade-weighted course; Must purchase textbook; Students will earn 3 Ivy Tech college credits upon successful completion of this course; Course is taught by an Ivy Tech professor on the PHS campus.

US GOVERNMENT
Course Number: 1540  Grade 12
ONE SEMESTER  1 Credit
Core 40, AHD & THD Social Studies course
- Study the basic structure of the American federal government
- Study the rights and responsibilities of citizens in our democracy
- Review the Constitution and study the interrelationship of our three branches
- Explore the importance of the Legislative, Executive, and Judicial Branches
- Study the Indiana Criminal Code
- Compare and contrast the roles of Local, State, and Federal government

ECONOMICS
Course Number: 1514  Grade 12
ONE SEMESTER  1 Credit
Core 40, AHD & THD Social Studies course
- Survey course of economic issues of importance, decision making, microeconomics, macroeconomics, and the global economy
- Study decision making, including trade-offs, opportunity costs, and economic system analysis
- Cover microeconomics, including supply and demand, business formation and competition studies with an emphasis on how it affects students’ lives
- Gain understanding of macroeconomics in the areas of taxes, money and banking, and fiscal and monetary policy analysis
- Understand how the economy functions and what happens when things go wrong
- Study global issues, including trade, exchange rates, protectionism and the global organizations that promote economic stability around the world

AP UNITED STATES GOVERNMENT AND POLITICS
Prerequisite: U.S. Government Honors – “We the People”
Course Number: 1560  Grade 12
ONE SEMESTER  1 Credit
Core 40, AHD & THD Social Studies course
- Prepare for the AP exam over US government and politics
- Demonstrate mastery of important facts, concepts, and terminology pertaining to US government and politics
- Understand typical patterns of political processes and behaviors
- Analyze and interpret basic data relevant to US government and politics
Note: This is a grade-weighted course. Students are required to take the AP U.S. Government and Politics exam in May.

AP MICROECONOMICS
Prerequisite: U.S. History CHAP (DC) OR U.S. History (DC) OR U.S. History (“B” or higher) AND Cumulative GPA of at least 3.0; Instructor approval
Course Number: 1566F – 1566S  Grade 12
TWO SEMESTERS  2 Credits
Core 40, AHD & THD Social Studies course
- Emphasize market structure
- Use graphical analysis to be familiar with how economic markets work
- Understand business decisions along with factor and goods markets
- Analyze factors that promote or hinder the efficient flow of markets
- Grasp how the government’s role in the economy is vital and important
- Acquire knowledge of how efficiency is achieved through decision making and self interest
- Demonstrate a knowledge of the complexities of supply and demand curves
Note: This is a grade-weighted course; Students are required to take the AP Microeconomics exam in May.
WORLD LANGUAGES

The study of World Languages is an important part of any student’s education. For those intending to pursue a post-secondary degree, completion of a 4-year language sequence may lead to advanced placement in college and may fulfill all or part of a college’s World Languages requirement, which could result in considerable savings in tuition. For those students seeking employment opportunities after high school, proficiency in a world language is a valuable asset to many employers, making you more marketable.

A student must have a minimum grade of a “C-” or higher in their current grade-level English course in order to begin a world language. Satisfactory completion of the first semester world language course is required to continue to the second semester of the course. It is highly recommended that students earn a grade of “C-” or higher in the first semester of a world language in order to be successful in the second semester of a world language.

A grade of “C-” or higher in both semesters of a World Language or teacher recommendation is required in order to continue to the next level of study in that same World Language.

Students may opt to take a World Language online. Students may use online courses to replace a world language grade earned in the classroom and continue with world language courses at PHS. However, students should not take a World Language course online for the first time and then attempt to take the next course in the sequence in the classroom at PHS.

Required:
• “C-” or higher in current grade-level English course in order to begin a World Language (WL).
• “D-” or higher (pass) in 1st semester WL class to continue to the 2nd semester of the course.
• “C-” or higher in both semesters of a WL course or teacher recommendation in order to continue to the next level of study in that same WL.

Highly Recommended:
• “C-” or higher in the 1st semester of a WL in order to be successful in 2nd semester of the course.
• Students should not sit out a year of a WL (for example, take 1st yr. Spanish in 9th grade and take 2nd yr. Spanish in 11th grade).

World Language Online Recommendations:
• Students may use an online course to replace a WL grade earned in the classroom and continue with WL courses at PHS in the classroom.
• Students should not take a WL course online for the first time and then attempt to take the next course in the sequence in the PHS classroom. (ex. Spanish I at PHS, Spanish II through IOA. Spanish III at PHS)

Department Chair: Mrs. Jamie Nichols

Level I World Languages

<table>
<thead>
<tr>
<th>Course Numbers</th>
<th>FRENCH I</th>
<th>GERMAN I</th>
<th>SPANISH I</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020F – 2020S</td>
<td>2040F – 2040S</td>
<td>2120F – 2120S</td>
<td></td>
</tr>
</tbody>
</table>

Prerequisite: “C-” or higher in current grade-level English course
Grades 9 – 12
Core 40, AHD & THD elective and directed elective course
Two Credits
Fulfills AHD World Language requirement

• Engage in the language through speaking, listening, reading, and writing
• Learn basic vocabulary in thematic units such as greetings, courtesy expressions, weather, family, shopping, restaurant, etc.
• Understand and respond to classroom requests, commands, and instructions
• Ask and respond to basic questions
• Ask and state information about self and others, including physical description, personality, feelings, and likes and dislikes
• Learn basic grammar in present tense, including regular and irregular verbs
• Learn about other cultures through lessons on geography, celebrations, basic routine practices, etc.
• Required participation in oral presentations, group projects, skits, etc., which are performed in front of the class
Level II World Languages

<table>
<thead>
<tr>
<th>Course Numbers</th>
<th>FRENCH II</th>
<th>GERMAN II</th>
<th>SPANISH II</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2022F – 2022S</td>
<td>2042F – 2042S</td>
<td>2122F – 2122S</td>
</tr>
</tbody>
</table>

Prerequisite: “C-” or higher in both semesters Level I World Language or teacher recommendation

Grades 10 – 12  
TWO SEMESTERS  
2 Credits  
Core 40, AHD & THD elective and directed elective course  
Fulfills AHD World Language requirement  
- Improve in speaking, listening, reading, and writing skills  
- Review first year vocabulary and learn new vocabulary in thematic units such as daily routines, healthy lifestyles, travel, cuisine, etc.  
- Understand and respond accurately to classroom requests, commands, and instructions  
- Ask and respond accurately to different types of questions  
- Ask and state information about self and others such as daily routines  
- Review first year grammar and learn new tenses such as the past, imperfect, and imperative tenses and other grammatical structures  
- Expand cultural knowledge on a variety of topics  
- Required participation in oral presentations, group projects, skits, etc., which are performed in front of the class

Level III World Languages

<table>
<thead>
<tr>
<th>Course Numbers</th>
<th>FRENCH III</th>
<th>GERMAN III</th>
<th>SPANISH III</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2024RF – 2024RS</td>
<td>2044RF – 2044RS</td>
<td>2124RF – 2124RS</td>
</tr>
</tbody>
</table>

Prerequisite: “C-” or higher in Level II World Language or teacher recommendation

Grades 11 – 12  
TWO SEMESTERS  
2 Credits  
Core 40, AHD & THD elective and directed elective course  
Fulfills AHD World Language requirement  
- Communicate primarily in the target language; participation is an integral part of the course  
- Review previously learned grammar and vocabulary briefly, and learn new vocabulary based on thematic units such as the environment, community, travel and professions  
- Understand requests and commands in the target language, and make requests as well  
- Learn and practice new verb tenses such as future, conditional, imperative, and perfect tenses  
- Participate in more extensive reading, writing, speaking and listening activities  
- Expand cultural knowledge through a variety of activities  
- Consider applying to the IU Honors Study-Abroad Program  
- Required participation in oral presentations, group projects, skits, etc., which are performed in front of the class

Level IV World Languages

<table>
<thead>
<tr>
<th>Course Numbers</th>
<th>FRENCH IV</th>
<th>GERMAN IV</th>
<th>SPANISH IV</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2026F – 2026S</td>
<td>2046F – 2046S</td>
<td>2126F – 2126S</td>
</tr>
</tbody>
</table>

Prerequisite: “C-” or higher in both semesters of Level III World Language or teacher recommendation is required; Grade of “B-” or higher in both semesters of Level III World Language is highly recommended

Grade 12  
TWO SEMESTERS  
2 Credits  
Core 40, AHD & THD elective and directed elective course  
Fulfills AHD World Language requirement  
- Communicate almost exclusively in the target language through speaking, reading, writing and listening  
- Review previously learned grammar and vocabulary, taking a more in-depth view at many grammatical concepts  
- Study idiomatic expressions, along with other thematic vocabulary  
- Use all major verb tenses  
- Read, understand and discuss short stories and novels in the target language  
- Learn about and discuss relevant cultural topics such as history, art and geography  
- Study history through film  
- Required participation in oral presentations, group projects, skits, etc., which are performed in front of the class

Note: This is a grade-weighted course
Career and Technical Education

Career and Technical Education (CTE) Programs prepare students for careers and/or further study at a post-secondary institution. Most programs are offered at the Area 31 Career Center at Ben Davis High School. Opportunities exist for students of all abilities in a variety of programs. Area 31 does not discriminate on the basis of race, color, gender, national origin, religion, creed, disability, sexual orientation or gender identity. Local employers provide curriculum direction and employment, including work based learning experiences. Most career and technical education programs enable a student to receive college credit. Some programs offer state approved industry certifications that can be used to meet technical honors diploma requirements. Other departments including Business, Communications, Science, and Engineering and Technology Education have course offerings that will help students choose a career pathway.

NOTE: Before enrolling in any Career and Technical Education program, the student must complete an online enrollment form by February 28th!

Course offerings include:

- Advanced Manufacturing I & II**
- Automotive Service Technology I & II**
- Aviation Flight & Operations Technology**
- Aviation Operations Management**
- Aviation Maintenance Technology I**
- Collision Repair Technology I & II**
- Construction Trades I & II**
- Cosmetology I & II**
- Criminal Justice I**
- Culinary Arts I (Culinary Arts and Hospitality Management)**
- Culinary Arts II (Advance Culinary Arts)**
- Dental Careers**
- Early Childhood Education I**
- Early Childhood Education II (Co-op)**
- Emergency Medical Services (Fire & Rescue II)**
- Fire and Rescue I**
- Graphic Imaging Technology I & II**
- Health Science Education I**
- Health Science Education II (CNA Co-op)**
- Heating and Air (HVAC I & II)**
- Horticulture & Landscape Mgmt I & II**
- Medical Assisting**
- Networking & Computer Tech Support**
- Pharmacy Tech**
- Precision Machining I & II**
- Radio Broadcasting I & II**
- Supply Chain Management/Logistics
- Television Broadcasting I & II**
- Tractor/Trailer Operation**
- Web Development & Design**
- Welding Technology**

**College credit available

Note: Indiana college credit is generally transferable from one Indiana educational institution to another; however, students and parents should research the transfer themselves just to be sure. One educational institution cannot make a transfer call for another. Students and parents should contact an advisor at the institution where they want to attend and ask if the credit being offered will count toward the degree of their choice.
ADVANCED MANUFACTURING I

Length/Credits: 1 period – 1 credit
Offered: 2 semester program
Open to: Grade 10, 11, 12
Prerequisite: None
Dual Credit: Ivy Tech Community College – 6 credits

- Use modern manufacturing processes to obtain resources and change them into industrial materials and consumer products
- Investigate properties of engineered materials such as: metallics; polymers; ceramics; and composites
- Study six major types of material processes: casting and molding; forming; separating; conditioning; finishing; and assembling
- Gain a basic understanding of tooling, electrical skills, operation skills, inventory principles, Material Safety Data Sheets, chart and graph reading, and Manufacturing Skills Standards Council (MSSC) concepts
- Obtain APICS Certificate: Logistics; APICS Certificate: Operations; MSSC Certificate: Certified Logistics Associate

Ivy Tech Community College credit can be earned for the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPRO 100</td>
<td>Intro to Plant Floor &amp; CNC</td>
<td>3</td>
</tr>
<tr>
<td>MPRO 106</td>
<td>Intro to Workplace Safety</td>
<td>3</td>
</tr>
</tbody>
</table>

ADVANCED MANUFACTURING II

Length/Credits: 3 period block; 3 credits
Offered: 2 semester program
Open to: Grade 11, 12
Prerequisite: Advanced Manufacturing I
Dual Credit: Ivy Tech Community College – 9 credits

- Introduce to basic blueprint reading, Computer Numerical Control (CNC) operation, and commonly used skills in the manufacturing industry
- Use Computer Aided Design software (CAD) to create 3D models and working drawings.
- Setup and operate a CNC mill and lathe using multiple machine tool controllers
- Study robotics, automation and Computer Integrated Manufacturing Technology (CIMT)
- Obtain MSSC Certificate: Safety; Quality, Mfg. Processes and Production, and Maintenance Awareness. (Certified Production Technician Accreditation)

Ivy Tech Community College credit can be earned for the following course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPRO 102</td>
<td>Intro to Print Reading</td>
<td>3</td>
</tr>
<tr>
<td>MPRO 122</td>
<td>Mechatronics Electrical</td>
<td>3</td>
</tr>
<tr>
<td>MPRO 201</td>
<td>Lean Manufacturing</td>
<td>3</td>
</tr>
</tbody>
</table>

AUTOMOTIVE SERVICE TECHNOLOGY I

AUTOMOTIVE SERVICE TECHNOLOGY II

Length/Credits: 3 period block; 3 credits
Offered: 4 semester program
Open to: Grades 11, 12
Prerequisite: None
Dual Credit: Ivy Tech Community College – 18 credits

- Develop skills for entry level positions in eight specialty areas based on National Institute for Automotive Service Excellence: automatic transmission/transaxle, brakes, electrical systems, engine performance, engine repair, heating and air conditioning, manual drive train and axles, and suspension and steering
- Work with customers to service real vehicles
- Work based learning experience possible for second year seniors with recommendation; transportation required to worksite

Ivy Tech-Richmond credit can be earned for the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTI 122</td>
<td>Steering and Suspension</td>
<td>3</td>
</tr>
<tr>
<td>AUTI 141</td>
<td>Engine Fundamentals and Repair</td>
<td>3</td>
</tr>
<tr>
<td>AUTI 100</td>
<td>Basic Automotive Service</td>
<td>3</td>
</tr>
<tr>
<td>AUTI 131</td>
<td>Engine Performance</td>
<td>3</td>
</tr>
<tr>
<td>AUTI 111</td>
<td>Electrical Systems I</td>
<td>3</td>
</tr>
<tr>
<td>AUTI 121</td>
<td>Break Systems I</td>
<td>3</td>
</tr>
</tbody>
</table>
Vincennes University credits may be earned for the following courses:

- **AUTO 105** Transportation Fundamentals  
  2 credits
- **BODY 100** Non-Structural Anal Damage Repair  
  3 credits
- **BODY 100L** Non-Structural Anal Damage Repair –Lab  
  4 credits
- **BODY 150** Painting and Refinishing  
  3 credits
- **BODY 150L** Painting and Refinishing –Lab  
  4 credits

**AVIATION FLIGHT AND OPERATIONS TECHNOLOGY**

Length/Credits: 3 periods; 3 credits  
Offered: 2 semester program  
Open to: Grades 11, 12  
Prerequisite: None  
Dual Credit: Vincennes University - 19 credits  
Note: Students must provide their own transportation to ATC, 2175 S. Hoffman Road, Indianapolis

- Introduce students to general aviation industry, including: aircraft manufacturing, airline operations, air freight, airport management, government services, aviation safety regulations, and certifications  
- Learn skills needed to pass the Federal Aviation Agency written pilot examination  
- Study aircraft hydraulic systems, aircraft electrical systems, landing gear, brake systems, pressurization, constant speed propellers, prop syncrophasers, de-ice and anti-ice break systems, airframe construction techniques, and radar  
- Develop skills for aircraft instrumentation, radios and systems  
- Explore weather theory and data interpretation as it relates to aviation  
- This course is provided at the Vincennes Airport Technology Center, Students must provide their own transportation

Vincennes credit may be earned for the following courses:

- **AMNT 100** Intro to Aviation  
  3 credits  
- **AFLT 258** Air Transportation  
  3 credits  
- **AFLT 291** Aviation Law and Regulations  
  3 credits  
- **AFLT 100** Primary Ground School  
  4 credits  
- **AFLT 285** Aviation Weather  
  3 credits  
- **AFLT 210** Aircraft Systems, Perf. & Aerodynamics  
  3 credits

**AVIATION MAINTENANCE I**

Length/Credits: 3 period block; 3 credits  
Offered: 2 semester program  
Open to: Grade 12  
Prerequisite: None  
Dual Credit: Vincennes University - 16 credits  
Note: Students must provide their own transportation to ATC, 2175 S. Hoffman Road, Indianapolis

- Study the mechanics of an airplane engine; how it works, and how to repair  
- Study and experience aircraft servicing, operations, general electricity, publications, instrumentation, fire protection, cabin atmosphere, fuel systems and welding  
- Learn from instruction by Vincennes University at the Aviation Technology Center at Indianapolis International Airport  
- Requires excellent attendance (missed instructional time must be made up as required by F.A.A. regulations).

Vincennes credit can be earned for the following courses:

- **Sem. 1**  
  - **AMNT 102** General Aviation Maintenance  
    4 credits  
  - **AMNT 106** Materials, Process, Welding  
    4 credits

- **Sem. 2**  
  - **AMNT 162** Aircraft Sheet Metal  
    4 credits  
  - **AMNT 166** Composite & Nonmetallic Structures  
    4 credits
COLLISION REPAIR TECHNOLOGY I
COLLISION REPAIR TECHNOLOGY II

Length/Credits: 3 period block; 3 credits
Offered: 4 semester program
Open to: Grades 11, 12

Prerequisite: None

Dual Credit: Vincennes University – 16 credits

Note: Juniors are scheduled into the morning class; seniors are scheduled into the afternoon class.

- Transform dents and dings into works of art
- Learn to work on the bodies of cars and move into a wide variety of job possibilities
- Learn basics of computerized frame measuring; computerized estimate writing; metal working skills; hammer and dolly; filler applications, blocking and sanding; shrinking and stretching methods; refinish techniques and use of spray painting equipment, computerized mixing and matching of paints (solvent and water based)
- Develop skills in MIG welding and plasma cutting
- Provide required work clothing and shoes
- Work based learning experience possible for second year seniors with recommendation; transportation required to worksite; basic hand tools required for employment

Vincennes University credits may be earned for the following courses:

AUTO 105 Transportation Fundamentals 2 credits
BODY 100 Non-Structural Anal Damage Repair 3 credits
BODY 100L Non-Structural Anal Damage Repair – Lab 4 credits
BODY 150 Painting and Refinishing 3 credits
BODY 150L Painting and Refinishing-Lab 4 credits

CONSTRUCTION TRADES I
CONSTRUCTION TRADES II

Length/Credits: 3 period block; 3 credits
Offered: 4 semester program
Open to: Grades 11, 12

Prerequisite: None

Dual Credit: Ivy Tech (Indy) – 15 credits

- Experience construction from the foundation up
- Explore career possibilities in the construction industry: carpentry, masonry, electrical, plumbing, concrete, painting, roofing, and drywall
- Build a new home/building or renovate an existing building; emphasis placed on construction and practice
- Work in the heat and cold and everything in between; will need coveralls and winter clothing; tools, approximate cost $60
- Possible work based learning experience for second year seniors with recommendation and transportation to job site

Ivy Tech - Indy credits for the following courses:

BCTI 100 Intro to Construction 3 credits
BCTI 101 Intro to Carpentry- part 1 3 credits
BCTI 102 Intro to Carpentry-part 2 3 credits
BCTI 103 Carpentry Framing & Finish, 1 3 credits
BCTI 104 Carpentry Framing & Finish, 2 3 credits
COSMETOLOGY I
Length/Credits: 4 period block; 3 credits
Offered: 4 semester program
Open to: Grades 11, 12
Prerequisite: None
Note: Applicants must have a cumulative GPA of 2.0 (C average) and good attendance record
Dual Credit: Vincennes University – 30 credits
• Develop proficiency in all skills of beauty culture to qualify for the State Board of Beauty Culture examination
• Attend 4-hour class, am or pm at Ben Davis High School; or am at PJ’s in Brownsburg for first year students
• Attend P. J.’s Beauty College in Plainfield or Brownsburg for second year students; must have own transportation and attend on Saturdays
• Demonstrate skills in shampoos and sets, iron outs, updos, permanents, relaxers, scalp treatments, facial treatments, haircuts, haircolor, manicures, pedicures, waxing, proper sanitation, and personal hygiene
• Complete required 1500 hours in two-year period;
• Provide services on manikins, other students, and clients hair, skin and nails
• Purchase beautician kit before the start of school; contains supplies and materials used every day; 1st year cost is approximately $575; 2nd year cost is approximately $165
• Provide a Non-refundable deposit of $50 by June 1st; credited toward the cost of the kit
• Indiana State Board of Cosmetology Certification
Vincennes University credit can be earned for the following courses with required grade. Identified *courses must pass Accuplacer testing:
*COSM 100 Cosmetology I
*COSM 150 Cosmetology II
*COSM 200 Cosmetology III
*COSM 250 Cosmetology IV

CRIMINAL JUSTICE I
Length/Credits: 3 period block; 3 credits
Offered: 2 semester program
Open to: Grades 11, 12
Prerequisite: None
Dual Credit: Vincennes University- 12 credits
• Study fundamentals of criminal investigation, theory and history; and techniques appropriate to specific crime scenes
• Learn traffic administration and control: its impact as a control method, driver licensing local traffic control systems, accident causation and investigation, identification and analysis of traffic problems, traffic safety coordination, and the use of selective enforcement as a method of traffic control
• Study US criminal justice system
• Explore forensic science and its value in the courtroom: laboratory procedures and capabilities; crime scene searching and sketching; photography; firearms and tool mark identification; fingerprints; shoe and tire impressions; headlamp examination; arson; analysis and preservation of trace evidence
• Uniform required (approximately $150)
Vincennes University credits may be earned for the following courses:
LAWE 100 Survey of Criminal Justice
LAWE 150 Criminal Minds & Deviant Behav.
LAWE 160 Criminal Investigation
LAWE 201 Current Trends, Issues, Topics
CULINARY ARTS AND HOSPITALITY MANAGEMENT (I)

CULINARY ARTS AND HOSPITALITY MANAGEMENT (II)

Length/Credits: 3 period block; 3 credits
Offered: 4 semester program

Open to: Grades 11, 12

Prerequisite: None

Dual Credit: None

Dual Credit: Vincennes University – 36 credits

• Prepare for entry-level positions in the culinary field, and who knows... maybe even open your own restaurant one day!
• Learn safety and sanitation, food costs, management skills, and continued exploration of basic cooking techniques, table service, food and culture, and careers
• Gain first hand kitchen and dining room experience by operating a student run restaurant open for the public
• Explore employment opportunities include prep cook, line cook, kitchen manager, sous chef, or chef host/hostess, servers assistant, server, assistant manager, or manager.
• Earn nationally recognized ServSafe Certification
• Required uniform: chef coat (3), hat (2), pants (1), and apron (2); approximate cost $120

Vincennes University credit can be for the following courses:

- CULN 110 Quality Food Production - Lab 5 credits
- CULN 210 Pastry & Bake Shop – Lab 5 credits
- REST 100 Intro to Hospitality Mgmt. 3 credits
- REST 120 Food Service Sanitation 3 credits
- REST 230 Menu Planning 3 credits
- CULN 150 Adv Culinary and Food – Lab 5 credits
- CULN 215 Supervision of Quality Foods 3 credits
- CULN 260 Haute Cuisine & Specialty 5 credits
- REST 210 Beverage Sales Services 3 credits
- REST 211 Beverage I – Responsible Alcohol 1 credit

Note: The following courses CULN 150 and CULN 215 may require student payment of $25 per credited hour in order to earn the credit; possibility of additional courses requiring $25 per credited hour payments will be determined next year.

DENTAL CAREERS

Length/Credits: 3 period block; 3 credits
Offered: 2 semester program

Open to: Grade 12

Prerequisite: None

Dual Credit: Brightwood College – 23 1/2 credits

• Participate in one of the fastest-growing occupations in the nation through the year 2020.
• Receive hands-on training to develop skills necessary to succeed on the job as a dental assistant
• Perform duties such as instrument sterilization, tray setups, four-handed dentistry, equipment maintenance, impressions, model trimming, charting, and dental reception duties
• Required to wear uniforms, white leather tennis shoes, and name tag
• Required to provide a TB and Hepatitis B health certificate

Brightwood College credit can be earned for the following courses:

- DAKL 151 Foundation Skills Dental Asst 6 credits
- DAW 151 Tech & Terminology for Dental 6 credits
- DAY 151 Diagnostic Assisting 5 credits
- DAG 151 Patient Interaction 6.5 credits
EARLY CHILDHOOD EDUCATION I

*Length/Credits:* 3 period block; 3 credits
*Offered:* 2 semester program
*Open to:* Grades 11, 12

**Prerequisite:** None  
**Dual Credit:** Ivy Tech Community College – 9 credits

- Learn stages of a child’s physical, emotional, social, and cognitive development, and skills in instruction and observation
- Develop skills and techniques for providing appropriate environments and care for young children
- Participate at Giant Preschool Learning Center (ages 3, 4, and 5) and Chapelwood Elementary school and possible Early Learning Academy: observing, teaching, and working one-on-one with students
- Students must complete: physical, TB test and documentation, and an Indiana State Police Criminal History
- Complete training in: First Aid, CPR, and Universal Precautions

Ivy Tech Community College credits upon successful completion of coursework with a grade of A or B. Identified *courses must pass Accuplacer testing:

- *ECED 100 Intro to Early Childhood Ed* 3 credits
- *ECED 101 Health, Safety & Nutrition* 3 credits
- *ECED 103 Curriculum in the Classroom* 3 credits

EARLY CHILDHOOD EDUCATION II (Coop)

*Length/Credits:* 3 period block; 3 credits
*Offered:* 2 semester program
*Open to:* Grade 12

**Prerequisite:** Early Childhood Education I and teacher recommendation  
**Dual Credit:** Ivy Tech Community College – 3 credits

- Work and receive high school credit while gaining work experience for CDA (Child Development Associate) credentialing
- Students work in a licensed day care center in the community
- Teacher recommendation is required for second year enrollment and participation in the program
- Personal transportation required to jobsite
- Competitive placement – must interview for a position
- Grades, classroom performance, and attendance are reviewed before acceptance in the second year work based learning program
- Students will complete CDA portfolio/test/verification visit

Ivy Tech Community College credits can be earned for the following course:

- *ECED 105 CDA Process* 3 credits

EMERGENCY MEDICAL SERVICES  
(FIRE & RESCUE II)

*Length/Credits:* 2 period block; 2 credits
*Offered:* 2 semester program
*Open to:* Grade 12

**Prerequisite:** None  
**Dual Credit:** Vincennes University – 6 credits
**Note:** Students must be 18 years of age prior to completion of clinical experiences for certification as an EMT.
• Learn about life and death situations, spontaneous decision making, and careers in advanced medical positions
• Prepare for further study for an associate degree in Emergency Medical Services
• Learn to recognize a patient’s condition; the seriousness, and how to use appropriate emergency care techniques and equipment to stabilize the patient
• Earn certifications which include American Heart Association (AHA) Healthcare Provider CPR or American Red Cross (ARC) Professional Rescuer CPR
• Document clinical experiences, some to be completed on student’s own time (evenings and weekends)
• Provide a limited criminal history check and immunization records
• State of Indiana Emergency Medical Technicians Certification available upon completion of standards and state test
• Required uniform will cost approximately $60

Vincennes University credits may be earned for the following course:

**EMTB 212  Emergency Medical Technician-Basic**  6 VU credits

**FIRE AND RESCUE I**

*Length/Credits:* 3 period block; 3 credits  
*Offered:* 2 semester program  
*Open to:* Grades 11, 12

**Prerequisite:** None

**Dual Credit:** Ivy Tech – 12 credits

**Note:** Classes at the ESEC (Emergency Service Education Center) at 700 North High School Road; Students must provide their own transportation to ESEC

• Experience an adrenaline rush, burning buildings, blazing fires
• Prepare for entry-level positions or further study in fire service
• Study fire protection systems, fire prevention and safety education, building construction and floor plans, fire, safety and construction codes
• Prepare for Firefighter I & II certifications exams
• Learn the importance of on-scene and on-the-job firefighter health, safety and fitness
• Uniform required: shirts, safety glasses, gloves; approximately $110
• ISHAA physical is required

Ivy Tech credits may be earned for the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSPS 106</td>
<td>Fire Suppression</td>
<td>3</td>
</tr>
<tr>
<td>HSPS 121</td>
<td>Hazmat Awareness and Operations</td>
<td>3</td>
</tr>
<tr>
<td>HSPS 165</td>
<td>Firefighter I</td>
<td>3</td>
</tr>
<tr>
<td>HSPS 167</td>
<td>Firefighter II</td>
<td>3</td>
</tr>
</tbody>
</table>
GRAPHIC IMAGING TECHNOLOGY I
GRAPHIC IMAGING TECHNOLOGY II

Length/Credits: 3 period block; 3 credits
Offered: 4 semester program
Open to: Grades 11, 12
Prerequisite: None
Dual Credit: Vincennes University – 9 credits

- Create your own logo, then sport it, spread it, promote it! What's your brand?
- Provide hands-on training utilizing current graphic arts fundamentals
- Create computer-generated imagery and image assembly, graphic reproduction methods, and current technology available in finishing and bindery
- Experience real time production work in a graphics laboratory
- Train on state-of-the-art equipment in the most technically current printing facility available in a high school setting
- Work based learning experience possible for second year seniors with acceptable grades, good attendance, and a recommendation; transportation required to work site

Vincennes University credit may be earned for the following courses:

- DESN 120     Computer Illustration     3 credits
- DESN 140     Computer Imaging         3 credits
- DESN 155     Computer Page Layout     3 credits

HEALTH SCIENCE EDUCATION I

Length/Credits: 3 period block; 3 credit
Offered: 2 semester program
Open to: Grades 11, 12
Prerequisite: None
Dual Credit: Ivy Tech Community College – 11 credits

- Experience the high demand of the health care field
- Build foundational skills in preparation to enter the medical field: medical, dental, laboratory, or nursing
- Focus on medical terminology, anatomy/physiology, professional development (career investigation, job search, medical hands-on tasks, leadership, etc.), and Certified Nurse Aide (CNA) training
- Complete a clinical experience at an approved health care facility under the supervision of a licensed nurse
- Costs for clinical experience is approximately $250, also required physical, TB test, and criminal background check
- Other costs possible: transportation and the state certification exam (approximately $75.00)
- Required uniform cost is approximately $50
- Grades, classroom performance, and attendance are reviewed before acceptance in a second year program
- CPR certification approximately $10

Ivy Tech Community College credits may be earned in the following courses if the student completes the course with a grade of A or B. Identified * courses must pass Accuplacer testing:

- HLHS 100    Intro to Health Careers      3 credits
- *HLHS 101   Medical Terminology         3 credits
- HLHS 107    CNA Preparation             5 credits
HEALTH SCIENCE EDUCATION II
(CNA CO-OP)
Length/Credits: 3 period block; 3 credit
Offered: 2 semester program
Open to: Grades 12
Prerequisite: Teacher recommendation and State CNA Certification CPR Certification

- On the job training; work in a health-related environment
- Completion of the CNA certification will increase employment possibilities
- Students must furnish their own transportation to job sites
- Or enroll in medical assisting, dental assisting, pharmacy technician, or emergency medical services programs

HEATING AND AIR - HVAC I
HEATING AND AIR - HVAC II
Length/Credits: 3 period block; 3 credits
Offered: 4 semester program
Open to: Grades 11, 12
Prerequisite: None
Dual Credit: Ivy Tech Community College – 9 credits

- Prepare and explore careers in the field of Heating and Air
- Study tools, safety, electrical circuits, proper handling of equipment, temperature control, installation of equipment, sheet metal layout and design, pipefitting, and work attitudes
- Work based learning experience possible for second year seniors with recommendation and transportation to job site

*Ivy Tech Community College credits may be earned for the following course:
HVAC 101 Heating Fundamentals 3 credits
HVAC 103 Refrigeration I 3 credits
INDT 113 Basic Electricity 3 credits

HORTICULTURE & LANDSCAPE MANAGEMENT I
HORTICULTURE & LANDSCAPE MANAGEMENT II
Length/Credits: 3 period block; 3 credits
Offered: 4 semester program
Open to: Grades 11, 12
Prerequisite: None
Dual Credit: Vincennes University – 12 credits

- Study basic horticulture & landscape skills and career opportunities
- Practice landscaping, study weed problems and control, non-pathogenic problems and diseases, and management of these problems
- Identify plants for landscaping and turf management & horticulture management
- Analyze growth characteristics of grass species used in lawns in the Midwest and Great Lakes areas
- Experience horticulture & landscape labs that include greenhouse and outdoor work

Vincennes University credits may be earned for the following courses with required grade. Identified *courses must pass Accuplacer testing and earn a C or better in HORT 205
AGBS 101 Intro to Agribusiness mgmt. 3 credits
HORT 105 Intro to Horticulture 3 credits
HORT 205 Elementary Landscape Design 3 credits
*HORT 255 Advanced Landscape 3 credits
MEDICAL ASSISTING

Length/Credits: 3 period block; 3 credits
Offered: 2 semester program
Open to: Grade 12
Prerequisite: None

Dual Credit: Brightwood College – 21 credits
Note: Students must provide a TB and Hepatitis B health certificate.

• complete part of the Brightwood Medical Assisting curriculum in this one year program
• Learn duties and responsibilities of administrative and clinical medical assistants
• Learn to assist in minor surgical procedures, record vital signs, perform venipuncture, administer EKGs and injections
• Understand anatomy and physiology: all body systems and organization
• Study exam room procedures, aseptic practices, spelling and terminology, and law and ethics
• Learn to implement basic accounting procedures, file insurance claims, bill and schedule patients, prepare medical charts, reports, keyboarding and dictation and correspondence
• Requirements: Brightwood approved uniform, shoes, nametag, TB and Hepatitis B health certificate.
• After graduation, students will need to complete the program at Brightwood as well as a 2-3 month externship
• Taught by Brightwood College at Area 31 Career Center

Brightwood College credit can be earned for the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AH 101</td>
<td>Fund. Of Allied Health</td>
<td>3</td>
</tr>
<tr>
<td>AH 102</td>
<td>Intro to Allied Health Careers</td>
<td>4</td>
</tr>
<tr>
<td>CS 101</td>
<td>Academic Strategies</td>
<td>4</td>
</tr>
<tr>
<td>CS 102</td>
<td>Academic Skills</td>
<td>4</td>
</tr>
<tr>
<td>MAP 155</td>
<td>Endocrine, Nervous &amp; Sensory</td>
<td>6</td>
</tr>
</tbody>
</table>

NETWORKING & COMPUTER TECH SUPPORT

Length/Credits: 3 period block; 3 credits
Offered: 2 semester program
Open to: Grades 11, 12
Prerequisite: None

Dual Credit: Vincennes University – 6 credits

• Create a network, hack your rivals, and win if you keep them out too!
• Troubleshoot and repair real computer hardware and software
• Learn basic systems technology concepts and management, personal computer components, common problems
• Learn to network operating systems: install, administer, control, manage and diagnose problems on a variety of systems
• Earn A+ Certification (testing fees approximately $410)
• Earn CISCO certification upon successful completion of course materials
• Engage in work based learning experience for second year seniors with recommendation; transportation required

Vincennes University credits may be earned for the following course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMET 140</td>
<td>Computer Maintenance I</td>
<td>3</td>
</tr>
<tr>
<td>CPNS 101</td>
<td>LAN Basics &amp; OSI Model (CISCO)</td>
<td>3</td>
</tr>
</tbody>
</table>
PHARMACY TECH

Length/Credits: 3 period block; 3 credits
Offered: 2 semester program
Open to: Grade 12
Prerequisite: None
Dual Credit: Vincennes University – 25 credits
Note: Students must provide a background check in order to apply for Indiana Technician in Training License.

• Learn how to assist licensed pharmacists and provide medication and other healthcare products to patients
• Perform routine duties such as counting tablets, labeling bottles, updating patient information and contacting insurance companies
• Learn about patient confidentiality and ethics governing pharmacy practice; policies and procedures related to a pharmacy tech position; purchasing, inventory control, and record keeping involved in drug orders
• Conduct labs including storage, packaging, and labeling requirements of drugs, prescriptions, and drug orders
• Apply arithmetic calculations required for dosage determinations
• Job shadow and include other work-based learning activities

Students may earn Vincennes University credits at $25 per credit hour for the following courses with required grade. Identified *courses must pass Accuplacer testing:

*HIMT 110 Medical Term 3 credits
PHARM 206 Pharmacology II 3 credits
PHARM 211 Dispensing Lab II 3 credits
PHARM 115 Pharmacy Law for Technicians 3 credits
PHARM 200 Pharmacy Mgmt 3 credits
PHARM 105 Pharmacology I 3 credits
PHARM 110 Dispensing Lab I 2 credits
PHARM 120 Pharmacy Calculations 3 credits
PHARM 225 Practicum 2 credits

PRECISION MACHINING I

Length/Credits: 3 period block; 3 credits
Offered: 4 semester program
Open to: Grades 11, 12
Prerequisite: Algebra I
Dual Credit: Vincennes University – 24 credits

• Develop skills to become employed immediately out of school
• Prepare for employment within the machine tool technology industry
• Study measurement, layout and inspection; machine tool processes and operations; metallurgy, welding, shop math, and reading blueprints
• Learn operation of band saw, drill press, lathe, milling machine and surface grinder
• College Credits transferable into Vincennes University’s Machine Trades Technology programs

COLLEGE CREDIT

Early College Program - Students in this program work toward a Vincennes Associate Degree

AREA 31 CAREER PROGRAMS
Vincennes University credits may be earned for the following courses:

- **PMTD 110** Manufacturing Processes 2 credits
- **PMTD 110L** Manufacturing Processes Lab 1 credit
- **PMTD 117** Basic Machining I 2 credits
- **PMTD 120** General Machines 6 credits
- **PMTD 118** Basic Machining II 3 credits
- **PMTD 150** Precision Tooling 6 credits
- **PMTD 125** CNC Programming & Operations 4 credits

**RADIO BROADCASTING I**

**Length/Credits:** 1, 2 or 3 periods; up to 3 credits  
**Offered:** 2 semester program  
**Open to:** Grades 11, 12  
**Prerequisite:** None  
**Dual Credit:** Vincennes University – 3 credits

- You could be on the air, 90.9, "First on your dial for variety,"  
- Learn firsthand on WBDG, a student run 400 Watt FCC-licensed FM radio station  
- Learn basic operation of a radio station, radio programming, voice and diction, organization, time management, and teamwork  
- Specialty areas include: sports announcing, disc jockeying, voice-over work, news casting, news reporting, broadcast writing, non-commercial fundraising, and audio production  
- Complete real-world projects and learn by doing, by correcting mistakes, and by improving on a daily basis  
- May require before, during, and after school assignments as a part of the course curriculum

**Vincennes University credit may be earned for the following courses:**

- **MCOM 102** Intro Audio/Visual Production 3 credits

**RADIO BROADCASTING II**

**Length/Credits:** 1, 2, or 3 periods; up to 3 credits  
**Offered:** 2 semester program  
**Open to:** Grades 12  
**Prerequisite:** Instructor’s approval  
**Dual Credit:** Vincennes University – 3 credits

- Broadcast your own radio show on the air  
- Members become leaders in the WBDG program  
- Management opportunities available  
- Internships possible  
- Projects and skills in Radio Broadcasting  
- Day-to-day WBDG management responsibilities  
- May require before, during, and after school assignments as a part of the course curriculum

**Vincennes University credits may be earned for the following course with required grade and Accuplacer test scores:**

- **BCST 120** Audio Production I 3 credits
SUPPLY CHAIN MANAGEMENT/LOGISTICS

Length/Credits: 3 periods – 3 credits
Offered: 2 semesters
Open to: Grades 11, 12
Prerequisite: None
Certifications: Program includes:

GLA – Global Logistics Associate (GLA)
OSHA 10-Hour General Industry Safety Training
FLE – Fork-lift Essentials (for students 18 or older)

NOTE: Students must provide their own transportation to Vincennes University Logistics Training and Education Center, 853 S. Columbia Rd., Suite 151, Plainfield, Indiana

- Explore the variety of entry-level positions in the field of supply chain management and logistics
- First semester students will participate in the Global Logistics Associate certification program (GLA). This program focuses on general knowledge of supply chain, warehousing and distribution, and associated functions necessary for the delivery of goods
- Subjects covered include: workplace essentials, supply chain management, transportation management, warehouse management, computer systems, and safety and awareness
- Students will have extensive hands-on instruction and experience real-life workplace scenarios in VU’s 30,000 square foot warehouse, utilizing various material handling equipment and technology found in the industry
- Second semester students will have paid internship opportunities either on site at the VU Logistics Training and Education Center or with a local employer
- Students must provide own transportation

TELEVISION BROADCASTING I

Length/Credits: 2 or 3 periods; up to 3 credits
Offered: 2 semester program
Open to: Grades 11, 12
Prerequisite: Instructor’s approval

Dual Credit: Vincennes University – 3 credits

- Be a star on WBDTV or work behind the scenes; lights, cameras, action!
- Learn television camera operations, audio, lighting, writing, and editing
- “Hands-on” approach to learning about studio production: anchoring, directing, producing, studio cameras, audio, and studio lighting
- Produce programming that will be aired on closed-circuit television at Ben Davis High School

Vincennes University credits may be earned for the following courses with required grade and Accuplacer scores:

MCOM 102 Intro to Audio/Visual Production 3 credits

TELEVISION BROADCASTING II

Length/Credits: 2 or 3 periods; up to 3 credits
Offered: 2 semester program
Open to: Grades 11, 12
Prerequisite: Instructor’s approval

Dual Credit: Vincennes University – 3 credits

- Live from Ben Davis, it’s WBDTV!
- Continue working with the components of television broadcasting and studio production in this “project oriented” class
- Provide content for and the production of programs produced by BDTV including the announcement newscast and any cable programs
- Use everything you learned in the previous semesters
- Opportunity for work based learning experiences at local TV stations

Vincennes University credits may be earned for the following course with required grade and Accuplacer test scores.

BCST 140 Visual Production I 3 credits
TRACTOR/TRAILER OPERATION
Length/Credits: 3 period block, 3 credits
Offered: 1 semester program (Spring)
Open to: Grades 12
Prerequisite: None
Dual Credit: Vincennes University – 18 credits; TTD 9130 Certificate of Program Completion (C.P.C)
NOTE: Students must provide their own transportation to Vincennes Logistics Training & Education Center, 853 S. Columbia Rd., Ste.151, Plainfield, Indiana
Offered Semester 2 only - must be 18 years old by April 1
- Provided by Vincennes University at the Logistics Training & Education Center
- Participate in classroom instruction - Monday through Friday from 1:00 p.m. to 4:00 p.m. (First 6 weeks of the semester)
- Remaining weeks focus on hands-on, behind-the-wheel, road driving experience and backing skills
- Must pass a DOT physical exam and drug screen.
Approximate expenses for student include:
- $17 CDL Learners Permit (CLP): payable to the IN BMV
- $175 Final driving tests scheduled by Vincennes University at an approved IN 3rd Party CDL exam site
- $36 Commercial Driver’s License; payable to the IN BMV
Upon passing the IN State BMV exam, students will be qualified to operate Class A commercial vehicles on Indiana roads.
Vincennes University credits may be earned in the following courses upon successful completion of the program with a grade of A or B:
- TTDT 100 Basic Commercial Operations 3 credits
- TTDT 125 Adv. Commercial Motor Vehicle 5 credits
- TTDT 150 Tractor Trailer Basic Control Skills 5 credits
- TTDT 175 Tractor Trailer Road Driving 5 credits

WEB DEVELOPMENT AND DESIGN I
Length/Credits: 2 periods – 2 credits
Offered: 2 semester program
Open to: Grades 11, 12
Prerequisite: None
Dual Credit: Vincennes University – 3 credits
Notes: Acceptance by application and/or interview only
- Learn web design, maintenance and graphic design
- Learn to use the Adobe Suite (Photoshop, Fireworks, Illustrator and Dreamweaver)
- Learn digital SLR photography
- Maintain the MSD of Wayne Township web site
Vincennes University credits may be earned in the following courses upon successful completion of the program, at $25 per credit hour, for:
- COMP 107 Web Page Design 3 credits
WEB DEVELOPMENT AND DESIGN II
Length/Credits: 2 periods – 2 credits
Offered: 2 semester program
Open to: Grades 12
Prerequisite: Web Development and Design I, and recommendation that instructor
Dual Credit: Vincennes University – 3 credits
Notes: Acceptance by application and/or interview only
- Learn advanced features of Adobe Suite (Photoshop, Fireworks, Illustrator and Dreamweaver)
- Maintain the MSD of Wayne Township web site

Vincennes University credits may be earned in the following courses upon successful completion of the program, at $25 per credit hour, for:
CWEB 151 Intro to Web Graphics & Tools 3 credits

WELDING TECHNOLOGY I
Length/Credits: 2 periods – 2 credits
Offered: 2 semester program
Open to: Grades 11, 12
Prerequisite: None
Dual Credit: Vincennes University – 6 credits

- Become proficient in welding technique and primary bonding processes
- Study shielded arc metal welding technology, how it is applied in industry, and gas metal arc welding technology
- Earn American Welding Society (AWS) certification upon completing the course and passing certification test

Vincennes college credit may be earned for the following courses:
WELD 102 Shielded Metal Arc Welding 3 credits
WELD 103 Gas Metal Arc Weld 3 credits
## APPENDIX A

### PHS Dual Credit and Advanced College Project Courses

<table>
<thead>
<tr>
<th>PHS Course Title</th>
<th>Post-Secondary Institution</th>
<th>College Course</th>
<th>College Course Title</th>
<th>College Credits</th>
<th>Cost to student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Business Management/BUSN101</td>
<td>Ivy Tech</td>
<td>BUSN 101</td>
<td>Introduction to Business</td>
<td>3</td>
<td>$0</td>
</tr>
<tr>
<td>Principles of Marketing/MKTG101</td>
<td>Ivy Tech</td>
<td>MKTG 101</td>
<td>Principles of Marketing</td>
<td>3</td>
<td>$0</td>
</tr>
<tr>
<td>AdvBusCC: Intro to Accounting/ACCT100</td>
<td>Vincennes University</td>
<td>ACCT 100</td>
<td>Basic College Accounting</td>
<td>3</td>
<td>$75</td>
</tr>
<tr>
<td>Advanced Accounting/ACCT100</td>
<td>Vincennes University</td>
<td>ACCT 100</td>
<td>Basic College Accounting</td>
<td>3</td>
<td>$75</td>
</tr>
<tr>
<td>Strategic Marketing/MKTG230</td>
<td>Ivy Tech</td>
<td>MKTG 230</td>
<td>Consumer Behavior</td>
<td>3</td>
<td>$0</td>
</tr>
<tr>
<td>PLTW: Intro to Engineering Design/DESN101</td>
<td>Ivy Tech</td>
<td>DESN 101</td>
<td>Intro to Design Technology</td>
<td>3</td>
<td>$0</td>
</tr>
<tr>
<td>PLTW: Principles of Engineering/DESN104</td>
<td>Ivy Tech</td>
<td>DESN 104</td>
<td>Mechanical Graphics</td>
<td>3</td>
<td>$0</td>
</tr>
<tr>
<td>PLTW: Civil Engineering &amp; Architecture/DESN105</td>
<td>Ivy Tech</td>
<td>DESN 105</td>
<td>Architectural Design I</td>
<td>3</td>
<td>$0</td>
</tr>
<tr>
<td>PLTW: Digital Electronics/EECT 115</td>
<td>Ivy Tech</td>
<td>EECT 115</td>
<td>Digital Fundamentals</td>
<td>3</td>
<td>$0</td>
</tr>
<tr>
<td>AdvSpeech/COLLP155 IU (ACP)*</td>
<td>Indiana University</td>
<td>COLL P155</td>
<td>Public Speaking</td>
<td>3</td>
<td>$75</td>
</tr>
<tr>
<td>AdvMathCC: CollAlg/MATH102</td>
<td>Vincennes University</td>
<td>MATH 102</td>
<td>College Algebra</td>
<td>3</td>
<td>$75</td>
</tr>
<tr>
<td>Trigonometry/MATH104</td>
<td>Vincennes University</td>
<td>MATH 104</td>
<td>Trigonometry</td>
<td>3</td>
<td>$75</td>
</tr>
<tr>
<td>Calculus I/MATH211</td>
<td>Indiana University</td>
<td>MATH 211</td>
<td>Calculus I</td>
<td>4</td>
<td>$100</td>
</tr>
<tr>
<td>FiniteMath/MATH111</td>
<td>Vincennes University</td>
<td>MATH 111</td>
<td>Finite Mathematics</td>
<td>3</td>
<td>$75</td>
</tr>
<tr>
<td>US History/HIST102</td>
<td>Ivy Tech</td>
<td>HIST 102</td>
<td>Survey of American History II</td>
<td>3</td>
<td>$0</td>
</tr>
<tr>
<td>US History Honors-CHAP/HIST102</td>
<td>Ivy Tech</td>
<td>HIST 102</td>
<td>Survey of American History II</td>
<td>3</td>
<td>$0</td>
</tr>
<tr>
<td>Psychology/PSYC101</td>
<td>Ivy Tech</td>
<td>PSYC 101</td>
<td>Introduction to Psychology</td>
<td>3</td>
<td>$75</td>
</tr>
<tr>
<td>AdvSSCC: Sociology/SOCI111</td>
<td>Ivy Tech</td>
<td>SOCI 111</td>
<td>Introduction to Sociology</td>
<td>3</td>
<td>$75</td>
</tr>
<tr>
<td>CrimeJustice/CRIM101</td>
<td>Ivy Tech</td>
<td>CRIM 101</td>
<td>Introduction to Criminal Justice Systems</td>
<td>3</td>
<td>$75</td>
</tr>
</tbody>
</table>
## SAT/ACT Test Dates 2017-2018

Plainfield High School ID is **152852**

**SAT**

Register & get more info online at [www.sat.collegeboard.org](http://www.sat.collegeboard.org)

SAT Customer Service: 866-756-7346

SAT Registration and Test Fee = (no essay) $45; (w/ essay) $57

<table>
<thead>
<tr>
<th>Test Date</th>
<th>Registration Deadline (*Confirm via website)</th>
<th>Late Registration Deadline (Late Fee=$28)</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 26</td>
<td>July 28</td>
<td>August 15</td>
</tr>
<tr>
<td>October 7</td>
<td>September 8</td>
<td>September 27</td>
</tr>
<tr>
<td><strong>November 4</strong></td>
<td>October 5</td>
<td>October 25</td>
</tr>
<tr>
<td>December 2</td>
<td>November 2</td>
<td>November 21</td>
</tr>
<tr>
<td><strong>March 10</strong></td>
<td>February 9</td>
<td>February 28</td>
</tr>
<tr>
<td><strong>May 5</strong></td>
<td>April 6</td>
<td>April 25</td>
</tr>
<tr>
<td>June 2</td>
<td>May 3</td>
<td>May 23</td>
</tr>
</tbody>
</table>

* **PHS is a test site on this date*

**ACT**

Register & get more info online at [www.actstudent.org](http://www.actstudent.org)

ACT online registration help: 319-337-1270

ACT Registration and Test Fee = (no writing) $42.50; (w/ writing) $58.50

<table>
<thead>
<tr>
<th>Test Date</th>
<th>Registration Deadline</th>
<th>Late Registration Deadline (Late fee = $27.50)</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 9</td>
<td>August 4</td>
<td>August 5 – 18</td>
</tr>
<tr>
<td>October 28</td>
<td>September 22</td>
<td>September 23 – October 6</td>
</tr>
<tr>
<td><strong>December 9</strong></td>
<td>November 3</td>
<td>November 4 – 17</td>
</tr>
<tr>
<td>February 10</td>
<td>January 12</td>
<td>January 13 – 19</td>
</tr>
<tr>
<td><strong>April 14</strong></td>
<td>March 9</td>
<td>March 10 – 23</td>
</tr>
<tr>
<td>June 9</td>
<td>May 4</td>
<td>May 5 – 18</td>
</tr>
<tr>
<td>July 14</td>
<td>June 15</td>
<td>June 16 – 22</td>
</tr>
</tbody>
</table>

* **PHS is a test site on this date*

Students have 9 days after the test to send 4 free SAT & ACT score reports.

**Students who receive lunch/books assistance or are 21st Century Scholars may qualify for a fee waiver. See your guidance counselor for more info.**
Plainfield High School utilizes Naviance Family Connection to assist students and parents with the management of the college and career planning process. We encourage students and parents to visit Naviance Family Connection often for important updates and messages from the guidance office, and to access links to valuable college and career websites.

**STUDENTS: Accessing Your Naviance Family Connection Account**
- Access Naviance via PHS guidance website or [www.connection.naviance.com/plainfieldhs](http://www.connection.naviance.com/plainfieldhs)
- Enter your Username (Your username is your PHS Student ID number)
- Enter your Password (Your password is your 8-digit birthday without slashes or dashes; i.e. 05081996)

**If you are unable to log-in with these credentials, contact your school counselor**

**PARENTS: Accessing Your Naviance Family Connection Account**
- Access Naviance via PHS guidance website or [www.connection.naviance.com/plainfieldhs](http://www.connection.naviance.com/plainfieldhs)
- Select "I need to register"
- Enter your registration code:
  - Telephone number (with area code) that was provided during school registration
- Enter your email address and choose a six-digit (minimum) password
There are 4 main tabs/sections in *Naviance* that students will utilize:

**The "Courses" Tab**

Within the "Courses" tab, students can create 4-year course plans that align with their specific career and college goals. Students are encouraged to update their course plans yearly and review them with their parents and school counselors.

- **4-Year Course Plans**
  - To create a course plan, you'll follow a 4-step process beginning with selecting the diploma type you plan to pursue. Be sure to access the *Pathfinder Curriculum Handbook* via the guidance website to review the different types of diplomas and their requirements.
  - After adding courses to fulfill your diploma type's requirements, you'll have a 4-year course plan that you can reference when working with your school counselor to schedule your classes each year. You can also utilize your course plans to ensure that you are meeting core course standards for admission into colleges and universities of interest to you.

**The "Colleges" Tab**

Students can keep track of the colleges/universities in which they are interested via the "Colleges" tab. Here students can request official transcripts, teacher recommendations and track the status of those requests.

- **College Visit Schedule**
  - Throughout the school year, college admissions representatives are invited to present information regarding their school to students throughout the school day. Students may sign-up to attend college rep presentations via the "Colleges" tab under the "My Colleges".

- **SuperMatch™ College Search**
  - Students and parents can utilize SuperMatch™ to personalize their college search by identifying specific criteria, including location, size, tuition, major, and admission standards that are most important to them. Students are able to rank items based on importance and produce a list of top-ranked schools based on their search criteria. Students can then view various school facts and information, as well as access the school's website, from the provided list of school.

- **Scholarships**
  - Any and all scholarships that the guidance office receives are listed here in Naviance. Students can access scholarship information, including application requirements and deadlines, as well as utilize the scholarship search and scholarship match tools. The scholarship list is updated often so it is important for students to check this listing often.

**The "Careers" Tab**

Within the "Careers" tab, students can determine which careers align with their personality and explore various occupations of interest to them.

- **Career Interest Profiler**
  - This tool helps students discover the types of work activities and careers that match their interests. Results from this assessment can be used as a starting point for career exploration.

- **Explore Careers & Clusters**
  - Here students can explore various career clusters which are sets of careers with common features and skills. Students can find information regarding a career cluster's specific occupations including job descriptions, education and training, tasks and activities, as well as wages information.

**The "About Me" Tab**

The "About Me" tab houses all of a student's academic and career information. Students are able to view the results of their personality type and career interest profiler assessments, as well as view any saved career and college search information.

- **Resumes**
  - Students can keep track of their accomplishments and activities throughout high school using this feature. Students build their resumes by adding entries when prompted to list their objective, education, work experience, volunteer experience, academic achievements and awards, etc. This tool provides step-by-step instructions and explanations which makes it very easy for students to create a comprehensive resume and update it yearly.
**Please note: Only courses that have fees are listed below.**

### DEVICE RENTAL

<table>
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<tr>
<th></th>
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### ENGINEERING & TECHNOLOGY EDUCATION

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<td>English 9</td>
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<td>1004F-1004FH</td>
<td>English 10/English 10 Honors</td>
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<td>1004FH-1004SH</td>
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<td>1060</td>
<td>Etymology</td>
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### FAMILY & CONSUMER SCIENCES

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<td>5420</td>
<td>Fashion &amp; Textiles Careers I</td>
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<td>5340</td>
<td>Advanced Nutrition &amp; Wellness</td>
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<td>5342</td>
<td>Nutrition and Wellness</td>
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<td>Intro to Housing &amp; Interior Design</td>
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### BUSINESS

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### SCIENCE

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<td>5216F-5216S</td>
<td>PLTW: Human Body Sys</td>
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<td>5218F-5218SH</td>
<td>PLTW: Principles of Biomedical Sciences</td>
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<td>PLTW: Medical Interventions</td>
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<td>Anatomy &amp; Physiology Honors</td>
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<td>AP Biology</td>
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### MATH

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Book Rental/Fees</th>
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<tr>
<td>2520DF</td>
<td>Algebra I Double Block</td>
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<td>2532F</td>
<td>Geometry</td>
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<td>2532SF</td>
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<td>2530</td>
<td>Finite Math</td>
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<td>2530D</td>
<td>Finite Math/MATH111 VU DC</td>
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<td>AP Statistics(Book Rental)</td>
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**FINE ARTS**

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<tbody>
<tr>
<td>4000</td>
<td>Intro 2D Art</td>
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<td>4004</td>
<td>Adv 2D Art</td>
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<tr>
<td>4040I</td>
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<tr>
<td>4040II</td>
<td>Ceramics II</td>
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</tr>
<tr>
<td>4042</td>
<td>Jewelry</td>
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<tr>
<td>4044</td>
<td>Sculpture</td>
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<tr>
<td>4048F-4048S</td>
<td>AP Studio Art - Drawing</td>
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<tr>
<td>4050F-4050S</td>
<td>AP Studio Art – 2D Design</td>
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<tr>
<td>4060I</td>
<td>Drawing I</td>
<td>$15.00</td>
</tr>
<tr>
<td>4060II</td>
<td>Drawing II</td>
<td>$15.00</td>
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<tr>
<td>4062I</td>
<td>Photography I</td>
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<td>4062II</td>
<td>Photography II</td>
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<td>4182FW-4182SW</td>
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<td>4186F-4186S</td>
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<td>4188F-4188S</td>
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<td>4188LCF-4188LCS</td>
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<tr>
<td>4204I</td>
<td>Piano &amp; Electric Keyboard I</td>
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**SOCIAL STUDIES**

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<tr>
<td>1512</td>
<td>Current Problems, Issues &amp; Events</td>
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<td>1540</td>
<td>Government</td>
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**SPECIAL EDUCATION**

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<tr>
<td>0500LAF</td>
<td>Basic Skills Lang</td>
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<td>0500MF</td>
<td>Basic Skills Math</td>
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<td>SP31 – SP32</td>
<td>MO Life Skills</td>
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**MISCELLANEOUS FEES**

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<tr>
<td>POA (spring)</td>
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<tr>
<td>Learning Center Course (fall)</td>
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<tr>
<td>Learning Center Course (spring)</td>
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<tr>
<td>Learning Management System(Schoology)</td>
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<tr>
<td>Naviance Student Software</td>
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<td>School Publication</td>
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<tr>
<td>Late Fee</td>
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**YOU MUST REGISTER ON IOA’s Website**  
AND submit the PHS Online/Correspondence Form!  
2018 SUMMER SESSION June 4-July 19  
Registration January 18-May 31st, 2018

<table>
<thead>
<tr>
<th>Advanced Placement</th>
<th>Mathematics</th>
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<tr>
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<td>Algebra I</td>
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<tr>
<td>AP Biology</td>
<td>Algebra II</td>
</tr>
<tr>
<td>AP Calculus AB</td>
<td>Algebra IEGA &amp; ISTEP Prep (non credit)</td>
</tr>
<tr>
<td>AP English Language &amp; Comp</td>
<td>Geometry</td>
</tr>
<tr>
<td>AP English Literature &amp; Comp</td>
<td>Pre-calculus/Trigonometry</td>
</tr>
<tr>
<td>AP Macro &amp; Micro Economics</td>
<td>Probability &amp; Statistics</td>
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<tr>
<td>AP Psychology</td>
<td>Science</td>
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<tr>
<td>AP US Government</td>
<td>Biology</td>
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<td>AP US History</td>
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<tr>
<td>AP World History</td>
<td>Earth/Space Science</td>
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<tr>
<td><strong>Career &amp; Technical Education</strong></td>
<td>Integrated Chem &amp; Physics</td>
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<tr>
<td>College Entrance Prep</td>
<td>Physics</td>
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<td>Computer Science</td>
<td>Social Studies</td>
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<td>Digital Applications</td>
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<td>Personal Finance Responsibility</td>
<td>Ethnic Studies</td>
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<tr>
<td>Preparing for College &amp; Careers</td>
<td>Geography &amp; History of the World</td>
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<tr>
<td><strong>English</strong></td>
<td>Indiana Studies</td>
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<td>Composition</td>
<td>Psychology</td>
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<td>English 10 EGA &amp; ISTEP (non credit)</td>
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<tr>
<td>English 9 &amp; Honors</td>
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<td>English 11</td>
<td>World History</td>
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<td><strong>Fine Arts</strong></td>
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<td>Art History</td>
<td>Chinese I, II</td>
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<tr>
<td>Music Appreciation</td>
<td>French I, II</td>
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<tr>
<td>Music Theory</td>
<td>Spanish I, II, III</td>
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<tr>
<td>Health &amp; Wellness</td>
<td>Ivy Tech Dual Credit Courses (next page)</td>
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## 2017-2018 Course List

<table>
<thead>
<tr>
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<td>Introduction to Biology</td>
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<td>CHEM 101</td>
<td>Introduction to Chemistry</td>
<td>3</td>
<td>Chemistry II</td>
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<td>CINS 101</td>
<td>Introduction to Microcomputers</td>
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<td>Computer Science I</td>
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<td>ECON 101</td>
<td>Economics Fundamentals</td>
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<td>Introduction to Economics</td>
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<td>ENG 111</td>
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<td>1006 or 1008</td>
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<td>BUSN 101</td>
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<td>MATH 136</td>
<td>College Algebra</td>
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<td>Pre-Calculus</td>
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<td>POLS 101</td>
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<td>HIST 101,102</td>
<td>Survey of American History I &amp; II</td>
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</table>

The Indiana Online Academy has partnered with Ivy Tech Community College to provide selected high school courses for dual credit beginning Spring Semester (January 2018). Students may elect to receive credit for a high school course and receive college credit at the same time before they graduate from high school. A student must meet prerequisites as determined by the ACT, SAT or Accuplacer exam scores to qualify for dual credit. A student must also complete the FREE Ivy Tech application for admission at [https://www.ivytech.edu/dualcreditapplication](https://www.ivytech.edu/dualcreditapplication).

Aside from the Indiana Online Academy’s tuition ($275 public schools; $295 private schools), there will be no additional costs to the student for dual credit. The student may be responsible for purchasing the required textbook for the course. This unique opportunity allows Indiana Online Academy students to establish a college transcript prior to their graduation from high school and to begin the transition to the rigors of college courses. Credits earned at Ivy Tech are transferable to colleges and universities throughout the state. Both the application for admission and testing are free of charge.

**Courses begin January 2018!**