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**Guidance Counselors**

Mrs. Tina McCloud  
Students with last names beginning with A-R  
mcloudtr@mvschool.org  
Ms. Kelli Walker  
Students with last names beginning with S-Z  
walkerkn@mvschool.org
**Graduation Pathways**

With the passage of Graduation Pathways, students are now able to individualize their graduation requirements to align to their postsecondary goal. No longer must all students fit into the same academic mold, but rather, they can choose the options that best meet their postsecondary needs and aspirations.

Students can create pathways that serve their educational interests and prepare them for postsecondary educational and career opportunities. Overall, this policy ensures that students are truly prepared to be successful in whatever they want to pursue after high school. Students in the graduating class of 2023 must satisfy at least one option from each of the three boxes in order to graduate. Students graduating prior to 2023 may satisfy graduation requirements by completing the Graduation Pathways.

<table>
<thead>
<tr>
<th>Graduation Requirements</th>
<th>Graduation Pathway Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) High School Diploma</td>
<td>• Core 40 designation</td>
</tr>
<tr>
<td>(Students must complete the course requirements of one of the diploma types in column two. See pp. 3-5 for diploma requirements.)</td>
<td>• Academic Honors designation</td>
</tr>
<tr>
<td></td>
<td>• Technical Honors designation</td>
</tr>
<tr>
<td></td>
<td>• General designation.</td>
</tr>
<tr>
<td>2) Learn and Demonstrate Employability Skills</td>
<td>Learn employability skills standards through locally developed programs. Employability skills are demonstrated by one the following:</td>
</tr>
<tr>
<td>(Students must complete at least one of the options in column two. See pp. 5-6 for employability skills requirements.)</td>
<td>• Project-Based Learning Experience</td>
</tr>
<tr>
<td></td>
<td>• Service-Based Learning Experience</td>
</tr>
<tr>
<td></td>
<td>• Work-Based Learning Experience</td>
</tr>
<tr>
<td>3) Postsecondary-Ready Competencies</td>
<td>• Honors Designation: fulfill all requirements of either the Academic or Technical Honors designation</td>
</tr>
<tr>
<td>(Students must complete at least one of the options in column two.)</td>
<td>• ACT: College-ready benchmarks (18 in English or 22 in Reading; 22 in Math or 23 in Science)</td>
</tr>
<tr>
<td></td>
<td>• SAT: College-ready benchmarks (480 EBRW; 530 Math)</td>
</tr>
<tr>
<td></td>
<td>• ASVAB: Earn at least a minimum AFQT score of 31 to qualify for placement into one of the branches of the US military</td>
</tr>
<tr>
<td></td>
<td>• State- and Industry-recognized Credential or Certification</td>
</tr>
<tr>
<td></td>
<td>• Federally-recognized Apprenticeship</td>
</tr>
<tr>
<td></td>
<td>• Career-Technical Education Concentrator</td>
</tr>
<tr>
<td></td>
<td>• AP/IB/Dual Credit/Cambridge International courses or CLEP Exams: Must earn a C average or higher in at least three courses</td>
</tr>
<tr>
<td></td>
<td>• Locally Created Pathway that meets the framework from and earns the approval of the State Board of Education.</td>
</tr>
</tbody>
</table>

*These benchmarks are set by the ACT and College Board and are subject to change.

**Beginning with the Class of 2023, the definition of a CTE Concentrator is a student who earns a C average in at least two non-duplicative advanced courses (courses beyond an introductory course) within a particular program. For students graduating in 2020-2022, a CTE Concentrator is a student who earns a C average or higher in at least 6 high school credits in a career sequence.
Diploma Requirements

All students must earn a minimum of 46 credits in order to meet the approved graduation requirements of Mt. Vernon Senior High School.

Students will have the option of choosing between four diplomas: General, Core 40, Core 40 with Technical Honors or Core 40 with Academic Honors. Core 40 is the recommended high school curriculum for all students. All but the general diploma have the criteria for meeting the Core 40 Diploma as a part of their requirements. Students choosing to earn a General Diploma must have parents or guardians sign a form agreeing to give the students permission to do so.

**General Diploma**

<table>
<thead>
<tr>
<th>Required Subjects</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Language Arts (English 9, 10, 11, 12) a</td>
<td>8</td>
</tr>
<tr>
<td>Social Studies</td>
<td></td>
</tr>
<tr>
<td>U.S. History</td>
<td>2</td>
</tr>
<tr>
<td>Economics</td>
<td>1</td>
</tr>
<tr>
<td>Government</td>
<td>1</td>
</tr>
<tr>
<td>Any other Social Studies elective</td>
<td>2</td>
</tr>
<tr>
<td>Mathematics</td>
<td></td>
</tr>
<tr>
<td>Algebra</td>
<td>2</td>
</tr>
<tr>
<td>Any other Mathematics course b</td>
<td>2</td>
</tr>
<tr>
<td>Science</td>
<td></td>
</tr>
<tr>
<td>Biology</td>
<td>2</td>
</tr>
<tr>
<td>Any other Science course</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>Health and Wellness c</td>
<td>1</td>
</tr>
<tr>
<td>Technology Competency d</td>
<td>2</td>
</tr>
<tr>
<td>Personal Financial Responsibility e</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total Required Credits</strong></td>
<td>28</td>
</tr>
<tr>
<td><strong>Total Elective Credits</strong></td>
<td>18</td>
</tr>
<tr>
<td><strong>Total Required for Graduation</strong></td>
<td>46</td>
</tr>
</tbody>
</table>

aStudents must successfully complete the following coursework in order to meet MVHS Language Arts graduation requirements: English 12 (2 semesters) or English 12 (1 semester) and Contemporary Literature (1 semester).

bAlgebra I Lab only counts as a mathematics credit for the General Diploma.

cThe Health and Wellness credit may be waived if a student's program includes three (3) credits from the following: Family and Consumer Science Courses: Adult Roles and Responsibilities, Child Development, Human Development and Family Wellness, Interpersonal Relationships, or Nutrition and Wellness.

dCourses meeting the Technology Competency are listed on page 3.

ePersonal Financial Responsibility is a graduation requirement for students beginning with the Class of 2024 (2020-21 Freshmen).
### INDIANA CORE 40 DIPLOMA

<table>
<thead>
<tr>
<th>Required Subjects</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Language Arts (English 9, 10, 11, 12) (^a)</td>
<td>8</td>
</tr>
<tr>
<td>Social Studies</td>
<td></td>
</tr>
<tr>
<td>World History and Civilization or Geography and History of the world</td>
<td>2</td>
</tr>
<tr>
<td>U.S. History</td>
<td>2</td>
</tr>
<tr>
<td>Economics</td>
<td>1</td>
</tr>
<tr>
<td>Government</td>
<td>1</td>
</tr>
<tr>
<td>Mathematics (^b)</td>
<td></td>
</tr>
<tr>
<td>Algebra I</td>
<td>2</td>
</tr>
<tr>
<td>Algebra II</td>
<td>2</td>
</tr>
<tr>
<td>Geometry</td>
<td>2</td>
</tr>
<tr>
<td>Science</td>
<td></td>
</tr>
<tr>
<td>Biology I or Honors Biology I</td>
<td>2</td>
</tr>
<tr>
<td>Chemistry I, Physics I, or Integrated Chemistry/Physics</td>
<td>2</td>
</tr>
<tr>
<td>Any other Core 40 Science course</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>Health and Wellness (^c)</td>
<td>1</td>
</tr>
<tr>
<td>Technology Competency (^d)</td>
<td>2</td>
</tr>
<tr>
<td>Personal Financial Responsibility (^e)</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total Required Credits</strong></td>
<td>32</td>
</tr>
<tr>
<td><strong>Total Elective Credits</strong></td>
<td>14</td>
</tr>
<tr>
<td><strong>Total Required for Graduation</strong></td>
<td>46</td>
</tr>
</tbody>
</table>

\(^a\) Students must successfully complete the following coursework in order to meet MVHS Language Arts graduation requirements: English 12 (2 semesters), English 12 (1 semester) and Contemporary Literature (1 semester), English 12 (1 semester) and Etymology (1 semester), or Advanced English 12 (2 semesters).

\(^b\) For the Core 40, Academic Honors, and Technical Honors diplomas, students must take a mathematics course or quantitative reasoning course each year they are enrolled in high school. Courses meeting the quantitative reasoning credits are listed below.

\(^c\) The Health and Wellness credit may be waived if a student's program includes three (3) credits from the following: Family and Consumer Science Courses: Adult Roles and Responsibilities, Child Development, Human Development and Family Wellness, Interpersonal Relationships, or Nutrition and Wellness.

\(^d\) Courses meeting the Technology Competency are listed on the next page.

\(^e\) Personal Financial Responsibility is a graduation requirement for students beginning with the Class of 2024 (2020-21 Freshmen).

### COURSES MEETING THE TECHNOLOGY COMPETENCY

- Communication Processes I, II
- Computer Programming I, II
- Computers in Design
- Design Process
- Digital Applications and Responsibility
- Digital Design
- Interactive Media
- Technical Theatre I,II
COURSES MEETING THE QUANTITATIVE REASONING REQUIREMENT

- Advanced Life Science: Foods
- Advanced Manufacturing II (5606)
- Agribusiness Management (5002)
- Business Math (4512)
- Chemistry I (3064)
- Chemistry II (3066)
- Computer Science I (4634)
- Computer Science II: Programming (5236)
- Construction Technology: HVAC I (5498)
- Construction Technology: Electrical II (4832)
- Diesel Services II (5624)
- Economics (1514)
- Industrial Repair & Maintenance (3108)
- Integrated Chemistry & Physics (4540)
- Personal Financial Responsibility (4540)
- Physics I (3084)
- Precision Machining (5782)

CORE 40 WITH ACADEMIC HONORS

In addition to the requirements for the Core 40 Diploma, students must also meet the following requirements:

1. Earn two (2) additional Core 40 mathematics credits
2. Earn six (6) credits in one World Language or four (4) credits each in two World Languages
3. Earn two (2) Core 40 fine arts credits
4. Earn a grade of “C” or above in courses that will count toward the diploma
5. Have a grade point average of “B” (3.0) or above
6. Complete one of the following:
   a. Earn four (4) credits in two (2) or more Advanced Placement courses and take corresponding AP exams
   b. Earn six (six) verifiable transcripted college credits in dual credit courses
   c. Earn two (2) credits in AP course and take corresponding AP exam and earn three (3) verifiable transcripted college credits in dual credit courses
   d. Earn a composite score of 1250 or higher on the SAT and a minimum of 560 on math and 590 on the evidence based reading and writing section
   e. Earn an ACT composite score of 26 or higher and complete written section
   f. Earn four (4) credits in International Baccalaureate courses and take corresponding IB exams

CORE 40 WITH TECHNICAL HONORS

In addition to the requirements for the Core 40 Diploma, students must also meet the following requirements:

1. Earn six (6) credits in the college and career preparation courses in a state-approved College & Career Pathway and one of the following:
   a. Pathway designated industry-based certification or credential
   b. Pathway dual credits from the approved dual credit list resulting in six (6) transcripted college credits
2. Earn a grade of “C” or better in courses that will count toward the diploma
3. Have a grade point average of a “B” (3.0) or better
4. Complete one of the following:
   a. Any one of the options (A - F) of the Core 40 with Academic Honors
   b. Earn the following scores or higher on WorkKeys: Reading for Information – Level 6, Applied Mathematics – Level 6, and Locating Information - Level 5.
   c. Earn the following minimum score(s) on Accuplacer: Writing 80, Reading 90, Math 75.
   d. Earn the following minimum score(s) on Compass: Algebra 66 , Writing 70, Reading 80.

Employability Skills Requirements

As part of the Employability Skills Requirements students must fulfill requirements for Project-Based Learning, Service-Based Learning or Work-Based Learning.
**Project-Based Learning Requirements:**

To fulfill the Project-Based Learning employability standard a student must have a signed verification from a teacher or sponsor and then be approved by the school’s Graduation Pathway Committee. Eligible projects must contain the following elements:

- Addresses a meaningful problem
- Sustained inquiry
- Authenticity
- Reflection
- Critique and Revision
- A final product

**Service-Based Learning Requirements:**

To fulfill the Service-Based Learning employability standard a student must have a signed verification from a teacher, coach, or sponsor that they achieved the following:

- Met the requirements of a service-based club for 3 years or
- Met the requirements of 2 service-based clubs for 2 years or
- Met the requirements of an athletic team for 3 years or
- Met the requirements of 2 athletic teams for 2 years or
- Met the requirements of marching band for 3 years or
- Met the requirements of choir for 3 years or
- Met the requirements for either the play or musical for 2 years or
- Met the requirements for the play and musical for 1 year or
- Participated in an out of school service organization approved by the school’s Graduation Pathway Committee.

**Work-Based Learning Requirements:**

To fulfill the Work-Based Learning employability standard a student must have a signed verification from an employer or teacher that they achieved the following:

- Minimum of 100 hours of employment with one employer or
- Completed the school’s Career Internship course or
- Completed the school’s Bio III program or
- Completed the school’s Work-Based Learning course or
- Completed one year at the Evansville Career and Technical Center or
- Completed the JAG program requirements or
- Completed the school’s Peer Facilitator Course

**POSEY COUNTY SPECIAL SERVICES**

The Mt. Vernon Senior High School curriculum includes well developed programs for students with learning disabilities, mild mental handicaps, and emotional handicaps. The instructional program for each student is individually designed through specialized testing by the school psychologist and in consultation with the special services staff, regular classroom teachers, counselors, school administrators and parents. The progress and placement of each student is reviewed at least once each year through an annual case review.

**FRESHMAN ACADEMY**

The Freshman Academy is a yearlong program that provides instruction in the areas of Algebra I, English 9, and Geography/History of the World. To increase engagement and success, incoming freshmen are connected to a select team of teachers who will work collaboratively and use instructional strategies to specifically address their students’ individual needs. Students will attend academy classes everyday with peers who have similar class schedules and teachers. It is the mission of the Freshman Academy to make a smooth transition into high school
and meet the rigorous standards implemented at Mount Vernon Senior High School. The Academy is designed to provide a solid foundation for future academic success in the core subjects of English, Mathematics, and Social Studies. The program provides the traditional ninth grade curriculum that meets both state and district standards. Academy teachers are committed to fostering a personal learning community while establishing relevancy and relationships within each academic area.

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**GUIDELINES AND RECOMMENDATIONS FOR COURSE SELECTIONS**

**Class Load Required**

All students must be in class for 8 periods. Course selection should exceed the minimal requirements in the number and difficulty of credits. Students should keep their options open even though they feel they have arrived at a specific career choice. The difficulty of classes taken in high school is as important as grade point average; therefore, it is important to continue into the advanced level of skill-development classes.

**Course Drop/Add Policy**

Dropping a class to enroll in another class may be approved up to and through the second official attendance record meeting of the class the student wishes to drop. Class changes within the same discipline (ex. Algebra to Pre-Algebra), after consultation between the counselor, teacher, parent/guardian and student, may occur beyond the third meeting of the course drop/add deadline.

A student enrolled in an honors-level class may transfer to the same course on a non-honors level up until the last day of the first nine weeks of the semester without penalty. Any transfer beyond this date will result in the student receiving a withdrawal/failure (WU) grade for the semester.

Requests to drop a class for a study center may be made to the guidance department no later than the end of the sixth week of the semester without the penalty of a withdrawal/failure. Requests will be considered only if the student is currently enrolled in one (1) study center or less at the time of the request.

**Course Retake Procedures**

Students may be permitted to retake courses to improve low grades with teacher approval and available space. The following guideline should be considered:

- Previous grades will not be replaced or removed from the transcript and will continue to count in GPA and class ranking.
- Students can retake courses to restore Core 40 with Academic Honors diploma eligibility (all grades C or better.) However, these courses will still be governed by the above procedure. (i.e., they will not replace prior grades.)
- Retake grades will count in GPA and class rank computation.
- Course must be retaken in a regular classroom setting.

**Correspondence/Online Classes**

Mt. Vernon Senior High School accepts credits earned through accredited programs. These classes may be taken to make up classes failed or for enrichment in subject areas not available at MVHS. Families are responsible for all costs associated with correspondence courses. See a counselor for more information.

**Civil Rights Policy**

The following civil rights policy is adhered to for class enrollments as well as all other functions at Mt. Vernon Senior High School. “It is the policy of the MSD of Mt. Vernon to conform to the laws of the United States and not to discriminate with regard to one’s race, color, religion, national origin, sex, age, ancestry, marital status, or handicap.

**Standardized Tests**

Many colleges require students to take a college entrance exam to be admitted. College admission offices must compare students. Colleges use standardized tests as an indicator of the student’s preparation for college classes and to evaluate how successful they may be in college.

The two college entrance exams given at Mt. Vernon High School for college admission requirements are the ACT and SAT. Both tests are given at MVHS in the fall and spring. Students register online, and there are registration deadlines for both tests. Students need to check with universities to find out which standardized test is preferred.
Students with accommodations should notify their counselor when they have registered to submit documentation on their behalf.

The PSAT is given in October each year. All 10th and juniors will take the PSAT. Juniors with high PSAT scores are eligible for National Merit Scholarships, National Achievement Scholarships for Outstanding Black American Students, and National Hispanic Scholar Awards.

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**Fine Arts Academy**

**Academy Description**

The Fine Arts Academy is comprised of award-winning students and faculty in music, theatre, and the visual arts. A commitment to academic excellence and the belief that through the arts, students find lifelong fulfillment is at the core of our teaching philosophy. Students are provided opportunities in instrumental and vocal music, musical theatre, acting, technical theatre and traditional and digital visual arts. Upon graduation, students will be prepared for post-secondary endeavors and arts-related careers. The Fine Arts Academy provides over forty events each year to further student’s skills and artistic talents.

**Mission Statement: “STUDENTS ARE AS UNIQUE AS THE ART THEY CREATE”**

The Fine Arts Academy at Mt. Vernon Senior High School believes a student’s education is enriched by experiences in the arts; because of their interdisciplinary nature, the arts influence all areas of academic study.

We believe an environment that acknowledges and empowers creative expression in its varied forms also fosters personal growth, maturity and responsibility. The Fine Arts Academy provides an artist-scholar environment that addresses a variety of learning styles.

We believe the arts provide an opportunity for lifelong learning and participants in the arts are among the best representatives of our school and community.

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**Counseling Procedures for Course Selection**

**Current 9th, 10th, and 11th Grade Students**

In late November, the course selection process for the next school year will begin. Four-year graduation plans will also be reviewed at this time. The steps and approximate dates for student scheduling are as follows:

A. November – January: Review course options and requirements with each student. Counselors will schedule individual conferences to assist students in finalizing subject choices for both semesters of the upcoming school year. Parents/guardians of all students are invited to be present with the student for an enrollment conference. Ninth grade students will be making a tentative four-year plan for the remainder of high school.

B. January – February: After subject choices have been finalized, subject requests are counted and a master schedule of classes will be made for the upcoming school year. At this time a student may be contacted by his/her counselor to make an alternate choice due to insufficient enrollment in one of the classes selected or because two classes which were selected are offered the same period.

C. May: Course requests are distributed to students. Changes of course requests are allowed until the last school day.

D. August: Students will be given the opportunity to drop/add courses during the first four (4) days of school only.

E. December: Students are given the opportunity to make limited changes on subject choices for Semester 2 if class sizes permit.

**Current 8th Grade Students**

In January, high school counselors will meet with 8th grade students to facilitate course selections for the freshman year. A parent night will also be held to give information on classes available and to answer any questions about class selections that parents or students may have. Parents/guardians are encouraged to contact the junior or senior high counselors to discuss subject choices for their son or daughter.

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**Indiana High School Athletic Eligibility**
To be eligible to participate in high school athletics according to standards adopted by the Indiana High School Athletic Association (IHSAA), a student must:

1. Be currently enrolled in at least six (6) full credit subjects. The IHSAA recognizes all subjects at Mt. Vernon High School as full credit subjects except freshman physical education when taken for the second time.
2. Have passed five (5) full credit subjects in the previous grading period if enrolled in seven (7) or fewer full credit subjects.
3. Have passed six (6) full credit subjects in the previous grading period if enrolled in eight (8) full credit subjects.

Students wishing to take eight (8) full credit classes in a semester must receive prior counselor approval.

Semester grades take precedence in determining athletic eligibility.
DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletic scholarships, and/or compete during their first year.

Core-Course Requirement
Complete 16 core courses in the following areas:

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH</td>
<td>4 years</td>
<td></td>
</tr>
<tr>
<td>MATH (Algebra I or higher)</td>
<td>3 years</td>
<td></td>
</tr>
<tr>
<td>NATURAL/PHYSICAL SCIENCE</td>
<td>2 years</td>
<td></td>
</tr>
<tr>
<td>ADDITIONAL ENGLISH, MATH OR</td>
<td>1 year</td>
<td></td>
</tr>
<tr>
<td>NATURAL/PHYSICAL SCIENCE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOCIAL SCIENCE</td>
<td>2 years</td>
<td></td>
</tr>
<tr>
<td>ADDITIONAL COURSES</td>
<td>4 years</td>
<td></td>
</tr>
</tbody>
</table>

Full Qualifier
- Complete 16 core courses.
  - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
  - Seven of the 10 core courses must be in English, math or science.
- Earn a core-course GPA of at least 2.300.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Academic Redshirt
- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Full Qualifier:
College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division I school.

Academic Redshirt:
College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:
College-bound student-athletes cannot practice, receive athletics scholarships or compete during their first year of enrollment at an NCAA Division I school.
2018 DIVISION II NEW ACADEMIC REQUIREMENTS

College-bound student-athletes first enrolling at an NCAA Division II school on or after August 1, 2018, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year.

Core-Course Requirement
Complete 16 core courses in the following areas:

- **ENGLISH**: 3 years
- **MATH (algebra I or higher)**: 2 years
- **NATURAL/PHYSICAL SCIENCE** (including one year of lab science, if offered): 2 years
- **SOCIAL SCIENCE**: 2 years
- **ADDITIONAL** (English, math, natural/physical science, social science, foreign language, or fine arts): 3 years
- **ADDITIONAL** (English, math, natural/physical science, social science, foreign language, or fine arts): 4 years

Full Qualifier:
- Complete 16 core courses.
- Earn a core-course GPA of at least 2.00.
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

Partial Qualifier:
- Complete 16 core courses.
- Earn a core-course GPA of at least 2.00.
- Earn the ACT/SAT score matching your core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

Full Qualifier:
College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

Partial Qualifier:
College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:
College-bound student-athletes may not practice, compete or receive athletics scholarships during their first year of enrollment at an NCAA Division II school.
Agriculture Education

No agricultural background or experience is needed to enroll in these courses. Students are not required to join Future Farmers of America. Advanced courses operate on a yearly rotation.

**Introduction to Agriculture, Food and Natural Resources (5056)**

_grades 9-12_  
Introduction to Agriculture, Food and Natural Resources is a two semester course that is highly recommended as a prerequisite to and a foundation for all other agricultural classes. The nature of this course is to provide students with an introduction to the fundamentals of agricultural science and business. Topics to be covered include: animal science, plant and soil science, food science, horticulture science, agricultural business management, landscape management, natural resources, agriculture power, structure and technology, leadership development, and career opportunities in the area of agriculture, food and natural resources.

**Courses Offered 2020-2021**

**Advanced Life Science: Foods**  
_AG5072-AG5073_  
2 Credits (Full Year)

Advanced Life Science: Foods is a two semester course that provides students with hands-on activities, projects, and problems that simulate actual concepts and situations found in the food science and safety industry, allowing students to build content knowledge and technical skills. This interdisciplinary science course integrates biology, chemistry, and microbiology in the context of foods and the global food industry.

**Prerequisites:** Introduction to Agriculture, Food and Natural Resources, Nutrition and Wellness, Biology, Chemistry or Integrated Chemistry/Physics

**Agribusiness Management (5002)**  
_AG5002-AG5003_  
2 Credits (Full Year)

Agribusiness Management provides foundational concepts in agricultural business. It is a two semester course that introduces students to the principles of business organization and management from a local and global perspective while incorporating technology. Concepts covered in the course include food and fiber, forms of business, finance, marketing, management, sales, leadership development, supervised agricultural experience and career opportunities in the area of agribusiness management.

**Prerequisite:** Introduction to Agriculture, Food and Natural Resources.

**Agriculture Power, Structure and Technology (5088)**  
_AG5088-AG5089_  
2 Credits (Full Year)

Agriculture Power, Structure and Technology is a two semester, lab intensive course in which students develop an understanding of basic principles of selection, operation, maintenance and management of agricultural equipment in concert while incorporating technology. Topics covered include: safety, electricity, plumbing, concrete, carpentry, metal technology, engines, emerging technologies, leadership development, supervised agricultural experience and career opportunities in the area of agriculture power, structure and technology.

**Prerequisite:** Introduction to Agriculture, Food and Natural Resources

**Note:** May be taken an additional 2 semesters for 2 more credits

**Veterinary360 Careers I (5211)**  
_AG5211-AG5212_  
2 Credits (Full Year)

Advanced Animal Science is a two semester course that provides students with an in-depth look at the care, handling and maintenance of small animal species. The topics of the importance of small animals in our lives, the economic importance of the small animal industry, career opportunities and the skills needed for employment will be discussed in preparation for post-secondary education, employment in the job market, and personal growth.

**Prerequisite:** Animal Science

**Plant and Soil Science (5170)**  
_AG5170-AG5171_  
2 Credits (Full Year)

Plant and Soil Science is a two semester course that provides students with opportunities to participate in a variety of activities which includes laboratory work. The following topics are found in this course: plant taxonomy, components and their functions; plant growth, reproduction and propagation; photosynthesis and respiration; environmental factors effecting plant growth, management of plant diseases and pests; biotechnology; the basic components and types of soil; calculation of fertilizer application rates and procedures for application; soil tillage and conservation; irrigation and drainage; land measurement, cropping systems, precision agriculture, principles and benefits of global positioning systems; and harvesting. Leadership development, supervised agricultural experience and career exploration opportunities in the field of plant and soil science are also included.

**Prerequisite:** Introduction to Agriculture, Food and Natural Resources

**Courses Offered 2021-2022**

**Agriculture Power, Structure and Technology (5088)**  
_AG5088-AG5089_  
2 Credits (Full Year)

Agriculture Power, Structure and Technology is a two semester, lab intensive course in which students develop an understanding of basic principles of selection, operation, maintenance and management of agricultural equipment in concert while incorporating technology. Topics covered include: safety, electricity, plumbing, concrete, carpentry, metal technology, engines, emerging technologies, leadership development, supervised agricultural experience and career opportunities in the area of agriculture power, structure and technology.

**Prerequisite:** Introduction to Agriculture, Food and Natural Resources

**Note:** May be taken an additional 2 semesters for 2 more credits

**Animal Science (5008)**  
_AG5008-AG5009_  
2 Credits (Full Year)

Animal Science is a two semester program that provides students with an overview of the field of animal science. Students participate in a large variety of activities and laboratory work including real and simulated animal science experiences and projects. All areas that the students study can be applied to both large and small animals. Topics to be addressed include: anatomy and physiology, genetics, reproduction, nutrition, common diseases and parasites, social and political issues related to the industry and management practices for the care and maintenance of animals while incorporating leadership development, and learning about career opportunities in the area of animal science.

**Prerequisite:** Introduction to Agriculture

**Note:** May be taken an additional 2 semesters for 2 more credits

**Horticulture Science (Floral Design & Greenhouse Management) (5132)**  
_AG5132-AG5133_  
2 Credits (Full Year)

Horticulture Science is a two semester course designed to give students a background in the field of horticulture and its many career opportunities. It addresses the biology and technology involved in the production, processing and marketing of plants and its products. Topics covered include: reproduction and propagation of plants, plant growth, growth media, management practices for field and greenhouse production, marketing concepts, production of plants of local interest and pest management. Students participate in a variety of activities to include extensive laboratory work usually in a school greenhouse, leadership development, and learning about career opportunities in the area of horticulture science.

**Prerequisite:** None

**Note:** May be taken an additional 2 semesters for 2 more credits
NATURAL RESOURCES (5180) AG5180-5181 Grades 10-12 2 Credits (Full Year)
Natural Resources is a two semester course that provides students with a foundation in natural resources. Hands-on learning activities in addition to leadership development, supervised agricultural experience and career exploration encourage students to investigate areas of environmental concern. Students are introduced to the following areas of natural resources: soils, the water cycle, air quality, outdoor recreation, forestry, rangelands, wetlands, animal wildlife and safety.
Prerequisite: Introduction to Agriculture, Food and Natural Resources

Other Agriculture Courses Not Currently Offered

CTSO LEADERSHIP DEVELOPMENT IN ACTION (5237) AG5237-AG5238 Grades 10-12 2 Credits (Full Year)
Leadership Development in Action is a project-based course in which students integrate higher order thinking, communication, leadership, and management processes to conduct Career and Technical Student Organization (CTSO) leadership projects at local, state or national level. Each student will create a vision statement, establish standards and goals, design and implement an action plan and timeline, reflect on their accomplishments, and evaluate results. Authentic, independent application through CTSO student-directed programs or projects, internship, community based study, or in-depth laboratory experience is required. Research and development, interdisciplinary projects, and/or collaboration with postsecondary faculty, community agencies or organizations are appropriate approaches.
Membership in an Indiana recognized CTSO is required. Service learning experiences are highly recommended. Achievement of applicable Career and Technical Education (CTE), academic, and employability competencies will be documented through a required student portfolio.
Prerequisites: A sequence of courses relevant to the student’s area of concentration; or permission of instructor by an application process.
Note: May be taken an additional 2 semesters for 2 more credits

FOOD SCIENCE (5102) AG5102-AG5103 Grades 11-12 2 Credits (Full Year)
Food Science is a two semester course that provides students with an overview of food science and its importance. Introduction to principles of food processing, food chemistry and physics, nutrition, food microbiology, preservation, packaging and labeling, food commodities, food regulations, issues and careers in the food science industry help students understand the role that food science plays in securing a safe, nutritious and adequate food supply. A project-based approach is utilized along with laboratory, team building and problem solving activities to enhance student learning, leadership development, and career opportunities in the area of food science.
Prerequisite: Any other Agriculture course

LANDSCAPE MANAGEMENT (5136) AG5136-AG5137 Grades 10-12 2 Credits (Full Year)
Landscape Management is a two semester course that provides the student with an overview of the many career opportunities in the diverse field of landscape management. Students are introduced to the procedures used in the planning and design of a landscape using current technology practices, the principles and procedures of landscape construction, the determination of maintenance schedules, communications and management skills necessary in landscape operations and the care and use of equipment utilized by landscapers. Students will also participate in leadership development, career exploration activities in the area of landscape management.
Prerequisite: Horticulture Science

SUPERVISED AGRICULTURAL EXPERIENCE (5228) AG5228 Grades 11-12 2 Credits (Full Year)
Supervised Agricultural Experience (SAE) is designed to provide students with opportunities to gain experience in the agriculture field(s) in which they are interested. Students should experience and apply what is learned in the classroom, laboratory and training site to real-life situations. Students work closely with their agricultural science and business teacher(s), parents and/or employers to get the most out of the SAE program. This course can be offered each year as well as during the summer session. SAE may be offered as a Cooperative Education Program. Curriculum content and competencies should be varied so that school year and summer session experiences are not duplicated.
Prerequisite: Introduction to Agriculture, Food and Natural Resources

SUSTAINABLE ENERGY ALTERNATIVES (5229) AG5229-AG5230 Grades 11-12 2 Credits (Full Year)
Sustainable Energy Alternatives is a two semester course that broadens a student’s understanding of environmentally friendly energies. In this course students will use a combination of classroom, laboratory, and field experiences to analyze, critique, and design alternative energy systems. Class content and activities center on renewable and sustainability for our planet. Topics covered in this course include the following types of alternative energies: solar, wind, geothermal, biomass and emerging technologies. Leadership development, and career exploration opportunities in the field sustainable energy are also included.
Prerequisite: None
BUSINESS, MARKETING, AND INFORMATION TECHNOLOGY

BUSINESS MATH (4512)  B4512-B4513
Grades 10-12  2 Credits (Full Year)
Business Math is a business course designed to prepare students for roles as entrepreneurs, producers, and business leaders by developing abilities and skills that are part of any business environment. A solid understanding of math including algebra, basic geometry, statistics and probability provides the necessary foundation for students interested in careers in business and skilled trade areas. The content includes mathematical operations related to accounting, banking and finance, marketing and management. Instructional strategies should include simulations, guest speakers, tours, internet research and business experience.
Recommended Prerequisite: Algebra 1

COMPUTER SCIENCE ESSENTIALS (4801)  B4801-B4802
Grades 9-12  2 Credits (Full Year)
With emphasis on computational thinking and collaboration, this year-long course provides an excellent entry point for students to begin or continue the PLTW Computer Science K-12 experience. Computer Science Essentials will expose students to a diverse set of computational thinking concepts, fundamentals, and tools, allowing them to gain understanding and build confidence.

In Computer Science Essentials, students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python® to create apps and develop websites, and learn how to make computers work together to put their design into practice. They’ll apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them.

Computer Science Essentials helps students create a strong foundation to advance to Computer Science Principles, Computer Science A, and beyond.
Prerequisite: None

COMPUTER SCIENCE PRINCIPLES (5236)  B5236-B5237
Grades 10-12  2 Credits (Full Year)
Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. PLTW is recognized by the College Board as an endorsed provider of curriculum and professional development for AP® Computer Science Principles (AP CSP). This endorsement affirms that all components of PLTW CSP’s offerings are aligned to the AP Curriculum Framework standards and the AP CSP assessment.
Prerequisite: Computer Science Essentials

DIGITAL APPLICATIONS AND RESPONSIBILITY (4528)  B4528-B4529
Grades 9-12  2 Credits (Full Year)
Digital Applications and Responsibility prepares students to use technology in an effective and appropriate manner in school, in a job, or everyday life. Students develop skills related to word processing, spreadsheets, presentations, and communications software. Students learn what it means to be a good digital citizen and how to use technology responsibly. Students expand their knowledge of how to use digital devices and software to build decision-making and problem-solving skills. This course exposes students to both Windows and Mac operating systems.
Prerequisite: None

INNOVATION AND OPEN SOURCE LEARNING (5590)  B5090-B5091
Grades 11-12  2-6 Credits (Full Year)
Innovation and Open Source Learning is a paperless elective course that combines media technology skills with the meaningful exploration of community and global issues. Students will gain valuable experience in graphic design, video editing, innovative applications and presentation platforms as they explore what it means to be an innovator. Each unit will culminate several projects that will allow students to use their creativity to benefit our school, community, or world. This is a project-based and pass on-driven course intended to cultivate leadership skills and a mindset of growth and innovation. Students will utilize digital communication tools such as social media platforms and blogs to share their progress and connect with community members, experts and learners around the globe. There are no prerequisites for the course, but an application is required and class size is limited.
Prerequisite: Application and instructor and/or committee approval.

INTERACTIVE MEDIA (5232)  B5232-B5233
Grades 11-12  2-6 Credits (Full Year)
Interactive Media prepares students for careers in business and industry working with interactive media products and services which includes the entertainment industries. This course emphasizes the development of digitally generated or computer-enhanced products using multimedia technologies. Students will develop an understanding of professional business practices including the importance of ethics, communication skills, and knowledge of the “virtual workplace”. Topics to be covered include graphic design, computer animation, web design, and programming, including video game programming.
Prerequisite: Digital Applications and Responsibility or Digital Design.

MARKETING IN HOSPITALITY & TOURISM (5982)  B5982
Grades 12  1 Credit (Semester)
Marketing in Hospitality and Tourism is a specialized marketing course that develops student understanding of marketing in the hospitality, travel, and tourism industry. Students gain experiences marketing -information, management, pricing, product/service management, promotion, and selling in the hospitality, travel and tourism industry.
Prerequisite: Principles of Marketing

PERSONAL FINANCIAL RESPONSIBILITY (4540)  B4540
Grades 11-12  1 Credit (Semester)
Personal Financial Responsibility is a business course that focuses on personal financial planning as well as the identification and management of personal finance resources to aid students in building skills in decision making, goal setting, identifying sources of income, saving and investing, budgeting, banking services, income tax return prep, credit management, consumer protection laws, insurance, buying vs. renting a house, and buying vs leasing a car. Instructional strategies include iPad use, guest speakers, online simulations, internet research and field trips.
Prerequisite: None

PRINCIPLES OF MARKETING (5914)  B5914-B5915
Grades 10-12  2 Credits (Full Year)
This course provides a basic introduction to the understanding and importance of marketing. It covers career development in marketing fields and involvement in DECA, an association of marketing students. Emphasis is placed on job skills necessary to both secure and advance in jobs in marketing. In addition, the basic understanding of the profit motive, the channels of distribution (marketing) and the economic understanding of the modified free enterprise system are covered. Selected marketing case analyses are done all year. A sales promotion and/or advertisement project is also required in the second semester. The DECA chapter is a vital part of the marketing program. It includes meetings and competitive events on the local, district, state and national levels.
Prerequisite: None
Sports & Entertainment Marketing (5984)  B5984  
Grade 12  1 Credit (Semester)  
The Sports & Entertainment Marketing class is a specialized marketing course that develops a student's understanding of the Sporting Event Industries, their economic impact and products; distribution systems and strategies; pricing considerations; product/service management and promotions. 
Prerequisite: Principles of Marketing  

Strategic Marketing (5918)  B5918-b5919  
Grades 11-12  2 Credits (Full Year)  
This course expands the teaching introduced in the junior level class. There are numerous marketing cases and practices which make this a meaningful experience in study. It is recommended that students be a member of DECA, an association of marketing students, and participate at the District and possibly the State and National levels of competition if they win their respective competitive events. This course requires a marketing research project and individualized marketing projects during the second semester. 
Prerequisite: Principles of Marketing with a “C” average or above, or instructor approval

Technical/Business Communication (4508)  B4508-b4509  
Grades 10-12  2 Credits (Full Year)  
Technical/Business Communication is a business course that provides students with the communication and problem-solving skills to function effectively in the workplace. Areas of study include written/oral/visual communication, listening, informational reading, Internet research/analysis, and electronic communication. Students produce various business documents using word processing, presentation, spreadsheet, and database software.  
Prerequisite: Digital Applications and Responsibility

Work Based Learning Capstone (5260)  B5260  
Grades 11-12  2-4 Credits (2 periods/1 or 2 Semesters)  
Mt. Vernon High School's Work Based Learning Capstone program is designed to give students the opportunity to apply the concepts, skills, and dispositions learned in previous coursework in a career pathway of their interest, to help prepare students for college and career. A training plan is developed by the student, school coordinator, and supervising organization to guide the student's work-based learning experiences and assist in developing achievement and performance. The student offered this experience must possess a unique sense of responsibility, maturity, and inquisitiveness. The student will spend a minimum of four-six hours per week working at an area business under the direction of an experienced, knowledgeable, mentor/supervisor. The student will also spend time in a classroom setting and compile an electronic career portfolio. Students will be required to keep a log of his/her experiences.  
Prerequisite: Application and instructor approval

English/Language Arts

English 9 (1002)  E1002-E1003  
Grade 9  2 Credits (Full Year)  
English 9 covers a semester of intensive grammar and composition. The class is designed to reinforce and improve language arts skills in writing, reading and communication. Students will develop their writing skills through process writing, editing and technology. Students will also read and interpret literature for writing and speaking purposes. In Semester II, students are introduced to a wide variety of literature. In addition to reading and interpreting the literature, students will learn how to write responses and how to identify literary forms and concepts. Students will study different genres of reading and writing and demonstrate oral competencies in various speaking situations both formal and informal. A vocabulary study will be integrated with the study of fiction, nonfiction, poetry and drama. Students will develop their writing skills through editing and grammar review.  
Prerequisite: None

Honors English 9 (1002)  E1002H-E1003H  
Grade 9  2 Credits (Full Year)  
Students will engage in an intensive level of grammar, composition and literature studies aimed at helping them prepare for further advanced English and college studies. The focus will be on the refinement of writing, both creative and analytical, speaking, listening and critical thinking skills through exploration of ideas, themes and issues in literature. In addition to numerous other short stories, poems and novels, the students will read, reflect on and analyze novels and plays. Students will also be required to read and analyze additional pieces of literature independently. Intensive vocabulary study will be integrated with composition as well as in the analysis of fiction, nonfiction, poetry, and drama. Students will further develop their writing skills through editing and grammar review. Expectations for quality of written and analytical work will be greater than a standard English 9 course.  
Prerequisite: A B average in English and an interest in accepting an accelerated workload.

English 10 (1004)  E1004-E1005  
Grade 10  2 Credits (Full Year)  
English 10 is a continuation of disciplines covered in previous courses. Consideration is given to a variety of literature genres and also various writing strategies. Students will respond critically, reflectively, and imaginatively to the literature and practice distinguishing among the different types of contents and purposes language can hold, for example, logic, opinion, ideology, point-of-view. In addition, students will read both for instruction and pleasure. Speaking and listening skills will be studied and applied, with a variety of speeches being presented. Students will study the writing process from prewriting through publishing.  
Prerequisite: None

Honors English 10 (1004)  E1004H-E1005H  
Grade 10  2 Credits (Full Year)  
This is a year-long course that covers a variety of literary genres (e.g., short stories, novels, plays, poems, essays) and writing strategies. Students will express themselves creatively and thoughtfully through a variety of writings (e.g., journals, essays, timed writings), class discussions, speeches and independent and group projects. Throughout the year, emphasis will be placed on vocabulary development and proper grammar and mechanics usage. Students will be challenged to analyze the use of literary devices within texts, as well as incorporating similar devices into their own writing. Expectations for the quality of written and analytical work will be higher than those of a standard English 10 course.  
Prerequisite: A B average in English and an interest in accepting an accelerated workload.

English 11 (1006)  E1006-E1007  
Grade 11  2 Credits (Full Year)  
This is a year-long course that explores various writings from American literature, including short stories, poems, plays, novels, and essays. Students will be required to relate the ideas and philosophies in the texts to historical and current events. Throughout the year, emphasis will be placed on vocabulary development, proper grammar and mechanics usage, and strong composition skills. Students will have the opportunity to express themselves through a variety of writings (e.g., journals, essays, timed writings), class discussions, speeches and independent and group projects  
Prerequisite: None
HONORS ENGLISH 11 (1006)  E1006H-E1007H
Grade 11  2 Credits (Full Year)
This is a year-long course designed for the advanced college-bound student who excels in English. Honors English 11 is a survey course, beginning with the writing of American literature from the colonial period to the present. Relating the ideas and philosophy in the selections to historical and current events is required. Students will be required to do intensive reading of different genres, including short stories, essays, novels and plays. Students will write frequently and will be responsible for perfecting grammar and composition skills. The study of vocabulary will last all year and students will write essays and research papers. Students will be required to take part in class discussions and develop critical and creative thinking skills. Major projects, performance and writing assignments will take the place of traditional daily grades.
Prerequisite: A “B” average in English and an interest in accepting an accelerated workload.

ENGLISH 12 (1008)  E1008-E1009
Grade 12  2 Credits (Full Year)
This is a year-long course that covers British and World Literature. Semester 1 covers the Anglo-Saxon period through the Renaissance. Semester II covers the Restoration to the present. Literary analysis, formal speaking, group work and vocabulary development are stressed. Students will have the opportunity to express themselves through journals, essays and other writings. Such works as Beowulf, The Canterbury Tales, and Macbeth will be discussed. Students will relate the ideas and philosophy in each unit to historical and current events is essential.
Prerequisite: None

ADVANCED ENGLISH 12/LANGUAGE ARTS, COLLEGE CREDIT (1124)  E1008H-E1009H
Grade 12  2 Credits (Full Year)
This course has been developed to challenge college-bound seniors who excel in English. Students will be introduced to different genres of literature and writing as they read and critique selected short stories, essays, poems, plays, and novels. Writing assignments will include individual and group research projects which will emphasize correct research procedures, outside reading, and class presentations. Students will be encouraged to think independently as they work cooperatively in groups. In addition, they will learn to analyze their writing and edit to improve content, style, and grammar. Vocabulary will be generated from course content. Semester and yearlong projects will be a significant portion of the overall grade. Mid-term graduates may not enroll in this course.
Prerequisite: A “B” average in English and an interest in accepting an accelerated workload. English staff recommendation.
Dual Credit: A student enrolled in Advanced English/Language Arts, College Credit will also have the opportunity to be simultaneously enrolled in a USI class, Rhetoric and Composition 1: Critical Thinking (English 101) for 3 credits.

CONTEMPORARY LITERATURE (1054)  E1054
Grade 11-12  1 Credit (Semester)
A modern world literature anthology (writings from 1960’s to the present) is the basis of this course, although additional novels, poems, plays, and essays will be studied. Writing skills are emphasized. Relating written ideas and philosophies to historical and current events is integral. This one semester course may substitute for one semester of English 12. The course is open to juniors and seniors. A student planning a midyear graduation should consider taking this course during the junior year.
Prerequisite: An interest in reading

CREATIVE WRITING (1092)  E1092
Grades 10-12  1 Credit (Semester)
Creative Writing will provide students an opportunity to combine literary creativity with the discipline of written communication. Students will become familiar with the standard literary elements of prose and poetry and be taught to use them in their own writing. A portfolio is a requirement. Students will revise, proofread, and edit papers. Students will write daily, completing timed writings, journals, and assignments from the text and other sources.
Prerequisite: English 9

ETYMOLOGY (1060)  E1060
Grades 10-12  1 Credit (Semester)
The goal of this course is to help strengthen vocabularies for application to reading, writing and speaking. Successful completion of this course will improve verbal skills on critical college entrance exams such as the ACT and SAT. Students receive instruction in the derivation of English words and word families focusing on Latin and Greek roots, as well as resources for etymological study. The course also provides a study of the connotative and denotative meanings of words in a variety of contexts. Students will increase writing skills by creating compositions developed around vocabulary and language study. Further development of oral communication skills is enhanced through a variety of activities.
Prerequisite: English 9

JOURNALISM I (1080)  E1080
Grades 9-12  1 Credit (Semester)
This class is designed to introduce interested students to journalism and the printed mass media. It serves as an excellent starting point for those wanting to be on a journalism staff. Areas of study and practice will include the following: photography, news writing, feature writing, sports writing, editorial writing, layout design, and the practical use of the InDesign and Photoshop programs used in yearbook and newspaper publication.
Prerequisite: None

STUDENT PUBLICATIONS (NEWSPAPER) (1086)  E1086-E1087
Grades 9-12  2 Credits (Full Year)
The major activity of this class is to write and distribute the school’s newspaper, THE WILDCAT WORD. The class is designed to teach the practical mechanics of journalism and deadline production. The student must be organized and self-motivated; meeting deadlines is absolutely mandatory. The student will be required to gather news material and conduct interviews outside of class time. Students will also learn layouts, designs, photography, InDesign, and Photoshop techniques.
Prerequisite: Good writing skills, computer, and/or photography skills. Journalism I is required.

STUDENT PUBLICATIONS (YEARBOOK) (1086)  E1088-E1089
Grades 9-12  2 Credits (Full Year)
The major purpose of this class is the production of the HOOP-POLE, the school’s yearbook. Students learn layouts, designs, photography, Photoshop, and InDesign techniques as they prepare the record of the school year in pictures and copy. Students will use creative ideas to portray people and events.
Prerequisite: Writing, creativity, and computer or photography skills are recommended. Journalism I is required.
Three credits in Family and Consumer Science may replace the health requirement for graduation. The three credits may be chosen from the following courses:

1. Child Development and Parenting
2. Human Development and Family Wellness
3. Interpersonal Relationships
4. Nutrition and Wellness
5. Adult Roles and Responsibilities

**ADULT ROLES AND RESPONSIBILITIES (5330) F5330**
Grades 10-12 1 Credit (Semester)
This course is designed to develop the basic skills necessary for surviving away from the family home. Emphasis is on clothing selection and care, food preparation and nutrition, and selection and care of the home. Students who have previously had more than two semesters of Family and Consumer Science classes are not eligible to take this class. Students may be required to complete at home applications for each unit.
Prerequisite: None

**ADVANCED CHILD DEVELOPMENT (5360) F5360**
Grades 10-12 2 Credits Maximum (Semester)
Advanced Child Development builds on the foundations set in Child Development. Issues and topics include growth and development, theories, practices, and health and wellness. Students will integrate the process of thinking, communication, leadership and management in order to apply Child Development knowledge and skills. Students will incorporate and analyze current professions and ethical standards associated with the care of children.
Prerequisite: Child Development

**ADVANCED LIFE SCIENCE: FOODS AG5072-AG5073**
Grades 11-12 2 Credits (Full Year)
Advanced Life Science: Foods is a two semester course that provides students with hands-on activities, projects, and problems that simulate actual concepts and situations found in the food science and safety industry, allowing students to build content knowledge and technical skills. This interdisciplinary science course integrates biology, chemistry, and microbiology in the context of foods and the global food industry.
Prerequisites: Introduction to Agriculture, Food and Natural Resources, Nutrition and Wellness, Biology, Chemistry or Integrated Chemistry/Physics

**CHILD DEVELOPMENT AND PARENTING (5362) F5362**
Grades 10-12 1 Credit (Semester)
This course is designed to assist students in understanding children and in preparing for parenthood. The physical, social, emotional and intellectual development of children is studied from conception through birth up to three years old. Special emphasis is given to the constructive disciplining of children. Students will participate in the "Baby Think It Over" project, an electronic interactive doll, or prepare a written paper on an aspect of teen parenting.
Prerequisite: None

**CONSUMER ECONOMICS (5334) F5334**
Grades 9-12 1 Credit (Semester)
Consumer Economics concerns the management process and how it relates to consumer behavior. This course is designed to aid youth in the market place. Consumer practices related to food, shelter, clothing, transportation and recreation will be explored.
Prerequisite: None

**HUMAN DEVELOPMENT AND FAMILY WELLNESS (5366) F5366**
Grades 10-12 1 Credit (Semester)
This course is based on the premise that each of us wants to have control over our future role as a family member. We need to understand others and ourselves. This course will examine the personal relationships, including the roles men and women play in establishing and maintaining a healthy family. This course is designed to prepare men and women for their role as a family member, wage earner, spouse and parent (all typical roles of an adult in the 21st Century.) Students will learn to coordinate these roles while learning how to handle the stress of these responsibilities.
Prerequisite: None

**HOUSING AND DESIGN FOUNDATIONS (5350) F5350**
Grades 11-12 1 Credit (Semester)
This course covers the choices available in home selection. Students will study art principles and the selection of furnishings and accessories. Treatments available for walls, floors, and windows will also be included. Home and business field trips are included. Decorating a dream home is a semester project.
Prerequisite: None

**INTERPERSONAL RELATIONSHIPS (5364) F5364**
Grades 9-12 1 Credit (Semester)
This course is designed to help the teenager understand and cope with all aspects of getting along with others. The areas of relationships being studied include families, peers, dating, friendship, authority figures, communication, conflict, developing a positive self-concept, goal setting, value identification and decision making.
Prerequisite: None

**NUTRITION AND WELLNESS (5342) F5342**
Grades 9-12 1 Credit (Semester)
This class includes planning of nutritious, attractive meals, the proper use, care, and cleaning of equipment, understanding food preparation terminology, the ability to interpret and follow a recipe, safety in the kitchen, getting the most for money spent on food, and food preparation skills. The foods prepared will include fruits, vegetables, meats, eggs, breads, cheese, salads and milk desserts.
Prerequisite: None

**PEER TUTORING (0520) F0520-F0521**
Grades 11-12 2 Credits (Full Year)
This one year course is designed to allow students who are interested in helping others on a one-to-one basis in a facilitative atmosphere. Students will study listening, communication and facilitating techniques. Students will first provide these services at the elementary level. Admission will be on a selection basis through an application process. Students who have taken Interpersonal Relationships, Psychology, Child Development and Parenting, or who have had experience working with people through Student Council, Sunday school, camp counseling, etc. are encouraged to apply for consideration.
Prerequisite: 2.0 G.P.A. and application
ADVANCED CHORUS (4188)
Grades 9-12
2 Credits (Full Year)
Students taking Advanced Chorus develop musicianship and specific performance skills through ensemble and solo singing. The chorus may be composed of (1) male chorus, (2) female chorus, (3) mixed chorus or any combination thereof. Activities create the development of a quality repertoire in the diverse styles of choral literature appropriate in difficulty and range for the students. Instruction is designed to enable students to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. Chorus classes provide instruction in creating, performing, conducting, listening to, and analyzing, in addition to focusing on the specific subject matter. Students develop the ability to understand and convey the composer’s intent in order to connect the performer with the audience.

ADVANCED CONCERT BAND (4170)
Grades 9-12
2 Credits (Full Year)
Those enrolled in band will participate in the marching and concert bands. Advanced Concert Band provides students with a comprehensive study of music through concert band repertoire. This repertoire develops skills in psychomotor, cognitive and affective domains. Course work is designed to enable students to connect, examine, imagine, define, try, extend, refine and integrate music study into other subject areas. Ensemble and individual activities are designed to develop elements of musicianship including, but not limited to: tone production, technical skills, intonation, sight reading skills, analyzing music and studying a wide variety of styles of literature. Experiences include, but are not limited to sight reading, playing by ear, clapping and counting and performance. Students must perform a wide variety of repertoire: large ensemble, chamber ensembles and solo with expression and technical accuracy. Evaluation of music and performance is provided through adjudicated and non-adjudicated performance venues. Band is a co-curricular activity and as such requires time outside the normal school day.

ADVANCED TECHNICAL THEATRE (4252)
Grades 10-12
2 Credits (Full Year)
Advanced Technical Theatre is a continuation of Technical Theatre. Students participating in the course will further their understanding of costuming, makeup, scenic design, lighting and sound design and execution, stage and house management, advertising, script analysis and will complete a comprehensive individual design project each semester. Students will participate on class crews and are encouraged to participate in extracurricular school productions. Students will also comprise the production staff and crew for the MVHS performing Arts Center and will assume leadership roles within technical theatre including the mentoring of Beginning Technical Theatre students. Students will also gain an understanding of the interdisciplinary aspects of technical theatre as regards language arts, mathematics, social studies, science and various technologies. Additionally, students will gain an understanding of career opportunities within theatre and entertainment technology and further their understanding of the importance of audience development and the role of community support in theatre. Students will participate on class crews and will be encouraged to participate in extracurricular school productions.

PREREQUISITE: A minimum of a “C” average in Beginning Technical Theatre, and maintenance of a “C” average in Advanced Technical Theatre for continuing in the class for successive semesters.

Note: Two hours of lab time per 9 weeks is required in addition to regular class time.

AUXILIARY (FLAGS)
Grades 9-12
(Nine Weeks)
Those enrolled in auxiliary will participate during the marching band season and winter guard. The marching band will perform at all home football games, several Saturday contests and parades. Auxiliary is co-curricular in that considerable time and effort beyond the daily class period is required. Auxiliary members must be enrolled in a fourth period study hall for the entire semester. During the first nine weeks color guard members will be assigned to band and return to the study hall upon completion of the marching band season. Auxiliary is a non-credit class, but credit can be earned by participating in concert band during the second quarter.

BEGINNING CHORUS (4182)
Grades 9-12
1 Credit (Fall Semester)
Students taking Beginning Chorus develop musicianship and specific performance skills through ensemble and solo singing. The chorus may be composed of (1) male chorus, (2) female chorus, (3) mixed chorus, or any combination thereof. Activities in this class create the development of quality repertoire in the diverse styles of choral literature appropriate in difficulty and range for the students. Instruction is designed so that students are enabled to connect, examine, imagine, define, try, extend, refine and integrate music study into other subject areas. Chorus classes provide instruction on creating, performing, conducting, listening to, and analyzing, in addition to focusing on the specific subject matter. Students develop the ability to understand and convey the composer’s intent in order to connect the performer with the audience. Students have the opportunity to experience live performances by professionals during and outside of the school day. A limited amount of time outside of the school day may be scheduled for dress rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and music goals. Specific classroom activities include vocal production techniques, music theory and sight-reading. Students must participate in performance opportunities, outside of the school day, that support and extend the learning in the classroom.

PREREQUISITE: None

CHORAL CHAMBER ENSEMBLE (4180)
Grades 9-12
2 Credits
(Full Year)
Students musicianship and specific performance skills in this course are enhanced through specialized small group instruction. The activities expand the repertoire of a specific genre. Chamber ensemble classes provide instruction in creating, performing, listening to, and analyzing music in addition to focusing on specific subject matter. Instruction design to enable students to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. Students develop the ability to understand and convey the composer’s intent in order to connect the performer with the audience. Students have the opportunity to experience live performances by professionals during and outside of the school day. A limited amount of time outside of the school day may be scheduled for dress rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and music goals. Class activities will also include sight reading and music theory. Students must participate in performance opportunities outside of the school day that support and extend the learning in the classroom.

PREREQUISITE: Students must audition.
DANCE CHOREOGRAPHY (4142)  FA4142
Grades 9-12  1 Credit
Learning activities in choreography are sequential and systematic and allow students to express themselves. A wide variety of materials and experiences are used in order to provide students with the knowledge, skills, and appreciation of the multi-styled and multicultural dance expressions. Choreographic activities provide students opportunities to participate in roles as a soloist, a choreographer or leader, and in a subject role. Students also explore a wide variety of choreographic philosophies as well as administrative and media skills necessary for the promotion and documentation of works to be performed. Students experience and learn to use appropriate terminology to describe, analyze, interpret, and critique dance compositions by professional individuals or companies.
Note: Course may be repeated.

INSTRUMENTAL ENSEMBLE – PERCUSSION ONLY (4162)  FA4162-FA4163
Grades 9-12  2 Credits (Full Year)
This course will provide an extensive study of the percussion family of instruments as well as percussion chamber music. Members of the instrumental ensemble class will learn the music for the Advanced Concert Band as well as how to properly play all of the percussion instruments. We will focus on rudiments, note reading, pitch identification and proper playing techniques. Students will be required to attend all after school rehearsals and performances. Students will also be required to perform a solo on either a mallet instrument or battery percussion instrument at the ISSMA Solo and Ensemble Contest.
Prerequisite: Students must have had a minimum of three years of instruction in band or private lessons. This class is for percussionists only and director approval is required.

JAZZ ENSEMBLE (4164)  FA4164-FA4165
Grades 9-12  2 Credits (Full Year)
Students taking the course will develop musicianship and idiom specific performance abilities through group and individual study, as well as performance of a variety of instrumental jazz music. The course will include history, formative and stylistic elements of jazz. These skills will be developed through improvisation, arranging, listening, analyzing and performance. Course work is designed to enable students to connect, examine, imagine, define, try, extend, refine and integrate music study into other subject areas. Students will have the opportunities to experience live performances outside of class time. A number of public performances will serve as a culmination of daily rehearsal and study. Students must participate in performance opportunities outside the school day that will support and extend classroom learning.
Prerequisite: Must have experience on the following instruments: saxophone, trumpet, trombone, guitar, bass or percussion. This is an auditioned ensemble.

MUSIC HISTORY AND APPRECIATION (4206)  FA4206
Grades 10-12 (4206)  1 Credit (Semester)
Music Appreciation affords students an opportunity to explore music through listening and the study of music history. Music to be surveyed will include baroque, classic, romantic and twentieth century. Additionally, music of American composers will be featured. Some prior experience with music is recommended but not required. This course will be offered on a two-year rotation with Applied Music.
Prerequisite: Previous music study is beneficial.

MUSICAL THEATRE (0518)  FA0518
Grades 9-12  1 Credit (Spring Semester)
Musical Theatre students will examine the history and form of musical theatre through the performance and study of the history of musical theatre and its place in today's society. Students will participate in staging, choreographing, rehearsing and performing an original or existing musical work. The class will incorporate elements of theatre history, culture, analysis, response, creative process and integrated studies. Additionally, students explore career opportunities in theatre, attend and critique theatrical productions, and recognize the responsibilities and the importance of individual theatre patrons in their community.
Prerequisite: Audition and teacher approval required.

TECHNICAL THEATRE (4244)  TT4244-TT4245
Grades 9-12  2 Credits (Full Year)
Technical Theatre is a broad-based course designed to give students an overall view of the various elements of the craft. Students will attain an understanding of the technical aspects of theatrical production through "hands-on" experience. Areas to be studied include lighting design and execution, scenic design and execution, set construction techniques, scenic painting, rigging, stage make-up, costuming, sound reinforcement, stage and house management, advertising and script analysis. Students will also gain an understanding of the interdisciplinary aspects of technical theatre as regards language arts, mathematics, social studies, science and various technologies. Additionally, students will gain an understanding of career opportunities within theatre and entertainment technology and further their understanding of the importance of audience development and the role of community support in theater. Students will participate on class crews and will be encouraged to participate in extracurricular school productions.
Prerequisite: None
Note: Two hours of lab time per 9 weeks is required in addition to regular class time.

THEATRE ARTS I (4242)  TA4242
Grades 9-12  1 Credit (Semester)
Theatre Arts I combines the history of theatre, the study of styles of world drama, the reading of famous plays, and all aspects of drama production (design of set, costuming, stage terms, makeup, lighting, acting, and direction.) Spelling and vocabulary assignments will be given weekly. Students may take this class more than once, but they will be expected to complete additional work for credit.
Prerequisite: An interest in drama and theatre

THEATRE ARTS II (4242)  TA4243
Grades 9-12  1 Credit (Semester)
Students in Theatre Arts II will create, perform, analyze, and critique dramatic performances. Since the focus is on production, students will be involved in the preparation, rehearsal and performance of plays in the classroom. Students will put the concepts learned in Theatre Arts I into action by participation in advanced theatre production. Materials will consist of one-act or short plays. Theatre Arts II productions may be performed for the student body and the community in convocations and/or evenings, when time and scheduling permit.
Prerequisite: Students must have successfully completed Theatre Arts I earning a grade of "C" or higher.

THEATRE PRODUCTION (4248)  TT4248
Grades 11-12  1 Credit (Semester)
Students will receive instruction in the areas of lighting, scenic and costume design including historical aspects, drawing, drafting, model making and realization of their work either in models or stage. Students will learn the hand and Computer Aided Drafting sketching, color rendering, model making and allied skills related to design. Students will demonstrate an understanding of the historical and artistic background of each area of expertise. It is recommended that students enroll for successive semesters.
ADVANCED PLACEMENT STUDIO ART

AP Studio Art is a Full Year course based on the content established by the College Board. Portfolios are designed for motivated students who are seriously interested in the practical experiences of art. AP Studio Art is not based on a written exam; instead, students submit portfolios to the College Board for evaluation in early May. The AP program is a cooperative endeavor that helps high school students complete college-level courses and permits colleges to evaluate, acknowledge, and encourage that accomplishment through the granting of appropriate credit and placement. Students may take all three AP Studio Art Portfolios.

The course is divided into the following disciplines:

AP STUDIO DRAWING (4048) VA4048-VA4049 Grades 11-12 2 Credits (Full Year)
The AP Studio Drawing Portfolio is designed to address a very broad interpretation of drawing/painting issues and media. Rendering and mark-making are stressed along with composition, creativity, risk-taking and developing your unique student voice. Students are encouraged to take Drawing I & II and/or Painting I & II prior to AP Drawing.
Prerequisite: Introduction to Two-Dimension Art and Instructor approval

AP STUDIO 2D ART (4050) VA4050-VA4051 Grades 11-12 2 Credits (Full Year)
The AP Two-Dimensional Design Portfolio is intended to address a very broad interpretation of two-dimensional design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. Composition, creativity, risk-taking and developing your unique student voice will be stressed. The 2-D Portfolio may include drawing, painting, computer graphics, photography, collage, mixed media, or other two-dimensional media. Students are encouraged to complete 2-3 years of visual art courses that correspond with the medium they will focus on for this portfolio.
Prerequisite: Introduction to 2D Art and Instructor approval

AP STUDIO 3D ART (4052) VA4052-VA4053 Grades 11-12 2 Credits (Full Year)
The AP Three-Dimensional Design Portfolio is intended to address a broad interpretation of sculptural issues in depth and space. A variety of approaches to representation, abstraction, and expression may be part of the student’s portfolio. This course will challenge students to make purposeful decisions about space, media, and techniques as well as the use of space in representation, abstraction, and expression. The 3-D Portfolio may include sculpture, ceramics, mixed-media, jewelry, 3-D generated computer graphics, or other three-dimensional media. Students are encouraged to take Ceramics I & II and/or Advanced 3-D Art (Sculpture) I & II or other appropriate courses prior to AP 3D.
Prerequisite: Introduction to 3D Art & Instructor approval

ADVANCED 3D ART/SCULPTURE-I/II (4006) VA4006-VA4007 Grades 10-12 1-2 Credits (1 or 2 Semesters)
Students will experience a wide variety of sculptural mediums and styles, including cardboard, wire, found objects, paper-mache, ceramics and more. Students will develop their skills of observation, perceptual awareness, expression and problem solving to produce portfolio quality works. Students will explore the creative possibilities of surface decoration, form, occupied/unoccupied space, and craftsmanship while developing their skills of observation, perceptual awareness, and problem solving to produce portfolio quality works. Students will study art history, art criticism, aesthetics, critique, and production as related to three-dimensional arts and ceramics. Students interested in taking AP Studio Art 3D are strongly encouraged to take this course. This course will be offered every other year, alternating with Advanced Three-Dimensional Art (Sculpture) I/II.
Prerequisite: Introduction to 3D Art

CERAMICS-I/II (4040) VA4040-VA4041 Grades 10-12 1-2 Credits (1 or 2 Semesters)
Students will learn the basic terms, tools, and techniques of working with ceramic clay. Functional and sculptural objects will be created using a variety of hand building techniques and the potter’s wheel. Students will explore the creative possibilities of surface decoration, form, occupied/unoccupied space, and craftsmanship while developing their skills of observation, perceptual awareness, and problem solving to produce portfolio quality works. Students will study art history, art criticism, aesthetics, critique, and production as related to three-dimensional arts. Students interested in taking AP Studio Art 3D are strongly encouraged to take this course. This course will be offered every other year, alternating with Advanced Three-Dimensional Art (Sculpture) I/II.
Prerequisite: Introduction 3D Art

DIGITAL DESIGN-I/II (4082) VA4082-VA4083 Grades 9-12 1-2 Credits (1 or 2 Semesters)
Digital Design is for students who are seriously interested in a career in visual communications. Students taking this course will engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and art production that leads to the creation of portfolio quality works. Emphasis will be placed on using the computer as a means of artistic expression. Students will have the opportunity to use professional photo editing and manipulation software. Preparation for advanced high school art courses, career opportunities, post-secondary academic endeavors, and lifetime activities will occur. This course will fulfill the Core 40, AHD requirement, and a technology credit.
Prerequisite: None

DRAWING-I/II (4060) VA4060-VA4061 Grades 10-12 1-2 Credits (1 or 2 Semesters)
Students will develop their skills of observation, perceptual awareness, problem solving, expression and drawing while working with a variety of subjects from photographs and life. In this course students will utilize a range of styles, mediums and techniques related to drawing to produce portfolio quality works. Students will study art history, art criticism, aesthetics, critique, and production as related to drawing. Students interested in taking AP Studio Art 2D/Drawing are strongly encouraged to take this course. This course will be offered every other year, alternating with Painting I/II.
Prerequisite: Introduction to 2D Art

INTRODUCTION TO 3D ART (4002) VA4002 Grades 9-12 1 Credit (Spring Semester)
This course introduces the elements, principles and design concepts that serve as a foundation of all sculptural works of art. Students will be introduced to a variety of media and techniques ranging from ceramics, cardboard, wire, mixed media and more. Students will engage in experiences that encompass art history, art criticism, aesthetics, critique, and art production leading to portfolio quality works. The goal of this course is to prepare students for advanced levels of high school visual art courses, career opportunities, post-secondary academic endeavors and lifetime activities. Students are encouraged to take Introduction to Two-Dimensional Art and Introduction to Three-Dimensional Art together. This course is required for all Ceramic/3-D/Sculpture/AP courses. This course will fulfill half of the Core 40 and AHD requirement.
Prerequisite: None
INTRODUCTION TO 2D ART (4000) VA4000
Grades 9-12 1 Credit (Fall Semester)
This course introduces the elements, principles and design concepts that serve as a foundation of all works of art. Students will be introduced to a variety of media and techniques ranging from basic drawing skills, painting, mixed media, perspective, still life and more. Students will engage in experiences that encompass art history, art criticism, aesthetics, critique, and art production leading to portfolio quality works. The goal of this course is to prepare students for advanced levels of high school visual art courses, career opportunities, post-secondary academic endeavors and lifetime activities. Students are encouraged to take Introduction to Two-Dimensional Art and Introduction to Three-Dimensional Art together. This course is required for all Drawing/Painting/AP courses. This course will fulfill half of the Core 40 and AHD requirement.
Prerequisite: None

PAINTING I-II (4064) VA4064-4065
Grades 10-12 1-2 Credits (1 or 2 Semesters)
Students will experience a wide variety of painting mediums, techniques and styles while developing their skills of observation, perceptual awareness, expression and problem solving to produce portfolio quality works. Students will work with a variety of subjects from photographs and life. Students will study art history, art criticism, aesthetics, critique, and production as related to painting. Students interested in taking AP Studio Art 2D/Drawing are strongly encouraged to take this course. This course will be offered every other year, alternating with Drawing I/II.
Prerequisite: Introduction to 2D Art

PHOTOGRAPHY I-II (4062) VA4062-VA4063
Grades 10-12 1-2 Credits (1-2 Semesters)
Photography is an advanced step in the Digital/Applied/Vocational progression of the Visual Art Program. This course builds upon the visual art knowledge, skills, and experience developed in Digital Design I & II. The course explores digital still photography, television production, related concepts of the elements and principles of design, history of photography, and digital photo enhancements. Students will utilize the digital camera, computers, bitmap/raster software, scanners, photo-manipulation software, video camera, and digital editing hardware. Students will also prepare for advanced high school art courses, career opportunities, post-secondary academic endeavors, and lifetime activities. Students are required to supply a digital camera (4 megapixels or above). A cell phone cannot substitute for a digital camera.
Prerequisite: Digital Design I and II

PHOTOGRAPHY III-IV (5570) VA5570-VA5571
Grades 10-12 1-2 Credits (1-2 Semesters)
This course builds upon the visual art knowledge, skills, and experience developed in Photography I & II. Students will explore advanced digital still photography, television production, history of photography, photo analysis, and advanced digital photo enhancements. Increased emphasis on adjustments and improvements to photographs using photo manipulation software will occur. Students will be encouraged to develop various forms of composition through different creative processes. Students are required to supply a digital camera (4 megapixels or above). A cell phone cannot substitute for a digital camera.
Prerequisite: Digital Design I & II and Photography I & II

VISUAL COMMUNICATION I-II (4086) VA4086-VA4087
Grades 10-12 1-2 Credits (1-2 Semesters)
This course builds upon the visual art knowledge, skills, experience, and values developed in Digital Design I & II. Students taking this course will engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and art production that leads to the creation of portfolio quality works. With the different learning experiences students will have the opportunity to integrate art into different disciplines. This course concentrates on graphic design, the elements and principles of design, typography, illustration, animation, and image creation. Preparation for advanced high school art courses, career opportunities, post-secondary academic endeavors, and lifetime activities will occur.
Prerequisite: Digital Design I & II
**HEALTH/PHYSICAL EDUCATION**

**HEALTH AND WELLNESS EDUCATION (3506)  P3506**  
**Grades 9-12  1 Credit (Semester)**  
Students will be exposed to health and wellness information using technology to access reputable health websites and current data and information about health and wellness. Students will evaluate their current health behaviors as they learn about health and wellness practices/habits that promote health. Units will include: Total Health and Wellness, Taking Charge of your Health, Physical Fitness, Nutrition, Goal setting and decision making, Communication and CPR. All units are aligned to Indiana’s Health and Wellness standards.  
**Prerequisite:** None

**PHYSICAL EDUCATION (3542)  P3542F/P3543F  P3542M/P3543M**  
**Grades 9-12  2 Credits (Full Year)**  
The focus of this class is the promotion of health-related physical fitness and exposure to a wide variety of activities including soccer, volleyball, basketball, floor hockey, net games, weight training, softball and tennis. Students are evaluated using current physical fitness standards and tests. Students regularly participate in physical activities and monitor their health-related physical fitness progress. Class grade is based on participation, skills tests and written work. As part of participation, students dress out daily with any neat, clean shorts and top and supportive tennis shoes. Unexcused absences and failure to dress out and participate for 4 days result in failure for that grading period.  
**Prerequisite:** None

**ELECTIVE PHYSICAL EDUCATION**

**BOYS’ TRACK A – WEIGHTS (3560)  P3560M-P3561M**  
**Grades 10-12  2 Credits (Full Year)**  
This class uses the "Bigger, Faster, Stronger" weightlifting program. Students learn training techniques to promote their sport performance and their fitness. Core lifts that are emphasized: bench press, squat, push press, power clean, thrusters, incline bench, towel bench, and box squat. Auxiliary lifts are also included. Students are exposed to a training stimulus that helps them become faster and stronger. Class grade is based on skills tests and participation. As part of participation, students dress out daily with any neat, clean shorts and top and supportive tennis shoes. Unexcused absences and failure to dress out and participate for 4 days result in failure for that grading period.  
**Prerequisite:** Basic Physical Education

**BOYS’ TRACK B – INTRAMURAL SPORTS/ PLAY 60 (3544)  P3544M-P3545**  
**Grades 10-12  2 Credits (Full Year)**  
The focus of this class is the promotion of physical fitness and skill development in a wide variety of activities. Current physical fitness standards are used to monitor health-related physical fitness. Skill rubrics will be used to evaluate game and fitness skills. Intramural activities will include flag football, flickerball, volleyball, basketball, floor hockey, softball, tennis, powerball games, and soccer. Class grade is based on participation, skill tests, skill rubrics and written tests. As part of participation, students dress out daily with any neat, clean shorts and top and supportive tennis shoes. Unexcused absences and failure to dress out and participate for 4 days result in failure for that grading period.  
**Prerequisite:** Basic Physical Education

**GIRLS’ TRACK A – WEIGHTS (3560)  P3560W-P3561W**  
**Grades 10-12  2 Credits (Full Year)**  
This class incorporates the “TeamBuilder” lifting program. Students learn training techniques to promote overall fitness and expand upon sport performance through the use of a variety of exercises. Over the course of each semester, students will partake in linear, lateral, and ladder phases along with eccentric and isometric phases. Students are required to log their daily weight regimen through the “Teambuilder” website or app. This allows for progression and a better understanding of their improvement over time. A combination of upper and lower body, core, plyometrics, and calisthenic exercises are utilized within the daily workouts. Warm-ups are completed each day to develop cardiovascular endurance, agility, core strength, flexibility, and muscular endurance. Class grade is based upon participation, weight progression, core lift performance, and written assignments/tests. Students are expected to dress out daily in acceptable PE attire. Unexcused absences and four days of no participation/dressing out results in a failure for the grading period.  
**Prerequisite:** Basic Physical Education

**GIRLS’ TRACK B – WELLNESS CLASS (3544)  P3544W-P3545W**  
**Grades 10-12  2 Credits (Full Year)**  
The focus of this class is the promotion of health-related physical fitness. Students will use the cardiovascular equipment in the weight room, participate in Zumba, yoga, power walking and body pump as well as using the weight equipment. Nutrition will be a major focus in the written work side of the class. Current physical fitness standards are used to monitor students’ health-related physical fitness progress. Class grade is based on participation, skill tests, and written tests. As part of participation, students dress out daily with any neat, clean shorts and top and supportive tennis shoes. Unexcused absences and failure to dress out and participate for 4 days result in failure for that grading period.  
**Prerequisite:** Basic Physical Education
MATHEMATICS

Four credits of mathematics are required for graduation and students are encouraged to continue in the math sequence as long as they are successful (making C’s or better.) Some state universities require students to have taken 8 semesters of mathematics while in high school. Sufficient mathematical preparation enhances success in higher education and broadens career choices.

EVERYDAY ALGEBRA I WITH MATH LAB (2516, 2520) M2516-M2517/M2520E-M2521E
4 Credits (Full Year)
Algebra I is a full-year course which provides a formal development of the algebraic skills and concepts necessary for students to successfully complete the Core 40. The instructional program in this course provides for the use of algebraic skills in a wide range of problem-solving situations. Topics include properties of real numbers, solving linear equations and inequalities, graphing linear and quadratic functions, systems of linear equations and inequalities, basic operations with polynomials, solving quadratic equations, exponents, and introductory topics in statistics and probability. This course will meet every day in our block schedule. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.
Note: 2 credits in Algebra I and 2 credits in Math Lab

ALGEBRA I (2520) M2520-M2521
Grades 9-12 2 Credits (Full Year)
Algebra I is a full-year course which provides a formal development of the algebraic skills and concepts necessary for students who will take geometry and other college-preparatory mathematics courses and successfully complete the Core 40. The instructional program in this course provides for the use of algebraic skills in a wide range of problem-solving situations. Topics include properties of real numbers, solving linear equations and inequalities, graphing linear and quadratic functions, systems of linear equations and inequalities, basic operations with polynomials, solving quadratic equations, exponents, and introductory topics in statistics and probability. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. (Core 40)
Prerequisite: Pre-Algebra

MATH LAB (2560) M2560-M2561
Grade 9 2 Credits (Full Year)
Math Lab is a full-year transitional course which provides the mathematical background, skills and thinking processes necessary for successful completion of Algebra. Topics include whole numbers, integers, rational numbers and their applications. Number theory, ratios, proportion, percent, probability, equations, inequalities, graphing, square roots, and appropriate geometric concepts are also included. The instructional program of this course provides for the understanding and use of these concepts as well as their application through appropriate problem solving situations. This course invites the exploration of mathematics beyond arithmetic.
Prerequisite: None
Note: Counts as elective credit for all diploma types

ALGEBRA II (2522) M2522-M2523
Grades 10-12 2 Credits (Full Year)
Algebra II is a full-year course which expands on the topics of Algebra I and provides further development of the concept of a function. Expanded topics of this course include the theorems and algorithms of algebra, polynomials and polynomial functions, rational and irrational exponents, complex numbers, sequences and series and systems of equations and inequalities. Counting principles are introduced and probability is further developed. Matrices are introduced along with exponential and logarithmic functions. Students are encouraged to have a graphing calculator (TI-84+). The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.
Prerequisite: Algebra I

EVERYDAY ALGEBRA II WITH MATH LAB (2522, 2560) M2522E-M2523E/M2560A-M2561A
Grades 10-12 4 Credits (Full Year)
(See Description for M2522-M2523)
Everyday Algebra II with Math Lab is intended for the student who passed Algebra I, but who struggled to master the concepts covered, and wants to complete the requirements of the Core 40 Diploma. All concepts covered in Algebra II will be covered in this course. The Math Lab portion of the course will provide the student with the individualized instruction and practice time needed to support the successful completion of Algebra II. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.
Prerequisite: Algebra I
Note: 2 credits in Algebra II and 2 credits in Math Lab

HONORS ALGEBRA II (2522) M2522H-M2523H
Grades 10-12 2 Credits (Full Year)
Honors Algebra II is a full-year course which expands on the topics of Algebra I and provides further development of the concept of a function. Expanded topics of this course include the theorems and algorithms of algebra, polynomials and polynomial functions, rational and irrational exponents, complex numbers, sequences and series, and systems of equations and inequalities. Counting principles are introduced and probability is further developed. Matrices are included along with exponential and logarithmic functions. This course is intended for those students who are pursuing the Academic Honors Diploma. All concepts covered in Algebra II will be covered in this course. The students in this course will be expected to obtain a deep understanding of the concepts covered and to apply them in solving rigorous problems. This course is intended for those students who are pursuing the Academic Honors Diploma. (Core 40) Students are expected to have a graphing calculator (TI-84+). The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.
Prerequisite: Strong preparation in Honors Geometry

GEOMETRY (2532) M2532-M2533
Grades 11-12 2 Credits (Full Year)
Geometry is a full-year course that will use deductive and inductive reasoning as well as investigative strategies in drawing conclusions. Properties and relationships of geometric entities include the study of angles, lines, planes, congruent triangles, similar triangles, polygons, circles, and spatial drawings and relationships. Estimation and measurement topics are integrated throughout the course. Construction of geometric figures, perimeter, area, and volume are covered. This course develops an understanding of the need for proof and the use of logic in developing proof. Those students who complete Geometry will have experience in writing proofs. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. (Core 40)
Prerequisite: Successful completion of Algebra I & Algebra II
HONORS GEOMETRY (2532) M2532H-M2533H
Grades 9-10 2 Credits (Full Year)

Honors Geometry is a full-year course that stresses the use of deductive and inductive reasoning as well as investigative strategies in drawing conclusions. Properties and relationships of geometric entities include the study of angles, lines, planes, congruent triangles, similar triangles, polygons, circles, and spatial drawings and relationships. Estimation and measurement topics are integrated throughout the course. Construction of geometric figures, perimeter, area, and volume are covered. This course develops an understanding of the need for proof and the use of logic in developing proof. Those students who complete Honors Geometry will have experience in writing proofs in a variety of styles. Problem solving and recognizing algebra/geometry interrelationships are important parts of this course. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. (Core 40)
Prerequisite: Strong Algebra I background.

PRE-CALCULUS/TRIGONOMETRY (2564A, 2566A) M2564D & M2566D
Grades 11-12 2 Credits (Full Year)

Pre-Calculus/Trigonometry blends the concepts and skills that must be mastered before enrollment in a calculus course. The course includes a study of relational functions, exponential and logarithmic functions, trigonometry in triangles, trigonometric identities and equations, polar coordinates and complex numbers, sequences and series, and data analysis. Students are expected to have a graphing calculator (TI-84+). The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.
Prerequisite: Honors Algebra II with a grade of “C” or higher is highly recommended

Dual Credit: A student enrolled in this course has two opportunities to enroll in dual credit through USI. The student can simultaneously enroll for 4 credits in College Algebra (Math 111) for Semester I and for 3 credits in Trigonometry (Math 112) for Semester II.

Advanced Biology Dual Credit (3026) C3026D-C3027D
Grades 11-12 2 Credits (Full Year)

Advanced Biology is a two-year course designed for the academically motivated student interested in pursuing a career in the life sciences (i.e. medical, pharmaceutical, biological research...). The subject matter is similar to Biology I but is studied more in-depth. The first semester includes biochemistry, with emphasis on molecular structures and their life related properties, and cytology, with emphasis on their internal structures, functions, and processes. Cellular respiration, photosynthesis, and protein synthesis are discussed in great detail. The second semester uses this knowledge towards the understanding of the anatomy and physiology of the human body. This includes a lengthy dissection of a cat. Through the comparison of the cat to the human, the student will develop a better understanding of how each organ system is designed, functions, and interrelates to each other. The course involves class lectures and discussions, labs, a research paper, class report, and the formulation of a notebook.
Prerequisite: Biology I and Chemistry I

Dual Credit: A student enrolled in Advanced Biology will also have the opportunity to be simultaneously enrolled in a USI class, Biology of Human Concern (Biology 105), for 43 credits.

Advanced Chemistry Dual Credit (3066) C3066D-C3067D
Grades 11-12 2 Credits (Full Year)

Advanced Chemistry is designed to provide those students with a real interest in chemistry an opportunity to expand their knowledge of basic chemistry and to conduct more laboratory experiments. The additional laboratory experiences help the students better understand chemical phenomena. The class should prepare a student with the necessary facts and understanding of chemical concepts to better compete in college chemistry.
Prerequisite: Chemistry I

Dual Credit: A student enrolled in Advanced Chemistry will also have the opportunity to be simultaneously enrolled in a USI class, Elements in Everyday Chemistry (Chemistry 107) for 4 credits.

Advanced Science, Organic/Bio Chemistry (3092)
Grades 11-12 2 Credits (Full Year)

The organic portion is a Full Year course providing students with an in-depth study of introductory organic chemistry. General chemistry concepts (atomic structure, bonding, reactions, acids/bases, equilibria, etc.) are reviewed and applied to the organic chemistry. The course content contains selected principles and applications in organic chemistry with laboratory experiments reinforcing principles covered.

The biochemistry portion provides students with an in-depth study of introductory biochemistry. General chemistry concepts (atomic structure, bonding, reactions, acids/bases, equilibria, etc.) are reviewed and applied to biochemistry. The course content contains selected principles and applications in biochemistry with laboratory experiments reinforcing principles covered. This course supplements one semester organic chemistry class. This class is especially designed for students who are pursuing degrees/careers in science/health fields. This course applies to CORE 40 and academic honors diplomas. The course is also available for dual credit (CHEM 141) at the University of Southern Indiana through the college achievement program (CAP).
Prerequisite: Biology I, Chemistry I and Biology II or concurrently with a grade of “A” or “B”.

ADVANCED SCIENCE, SPECIAL TOPICS (ADV. BIOLOGY III) MEDICAL TERMINOLOGY DUAL CREDIT (3092) C3092D
Grade 12 1 Credit (Semester)
This will be an independent study of Biology taught in conjunction with Deaconess Hospital and St. Vincent’s Hospital. A genuine interest in the medical field following high school is essential. All prerequisites must be met. A selection committee will conduct interviews with interested students. Students will provide their own transportation to and from the class site. A waiver of insurance and liability must be on file with the school for each student
Prerequisite: Biology I, Chemistry I, Biology II

Dual Credit: A student enrolled in Advanced Biology III will also have the opportunity to be simultaneously enrolled in a USI class, Medical Terminology.

BIOLOGY I (3024) C3024-C3025
Grades 9-10 2 Credits (Full Year)
Biology I is a two semester course required for graduation. The course gives a progressive look at the biological sciences from the atom to complex organisms. The first semester includes ecology, biochemistry, the study of molecular structures and processes related to life, and cytology, the study of the cell’s structures and functions. Emphasis is placed on the study of relationships among organisms and their environment, the organization of organisms, and protein synthesis. This background information leads to second semester with the study of photosynthesis, cellular respiration, genetics, evolution, and taxonomy. The course involves class lectures and discussions, labs (including the observation and dissection of organisms), projects, reports, and homework.
Prerequisite: Strong junior high science background

CHEMISTRY I (3064) C3064-C3065
Grades 10-12 2 Credits (Full Year)
Chemistry deals with the comparison, structure, and properties of substances and the changes they undergo. It includes a study of the elements and their symbols, and of compounds and the formulas. A qualitative approach to chemical changes involves the use of some basic math skills. A very close correlation exists between basic chemistry and everyday life - the food we eat, the clothes we wear, and the many items in the home. Chemistry serves as an excellent background for nearly all four year college programs and is an excellent recommendation for the best secretarial positions particularly in Southwest Indiana which has a major portion of industry that is chemically oriented.
Prerequisite: Algebra I with a grade of “C” or better

EARTH AND SPACE SCIENCE I (3044) C3044-C3045
Grades 10-12 2 Credits (Full Year)
Earth/Space Science is an introductory science course in the areas of geology, the earth’s history, oceanography, weather, climate, and astronomy. Through extensive use of laboratory exercises a student is introduced to the fundamentals of these subject areas. It is designed as an exploratory study for the student who may be interested in one or more of the above subject areas and the principles involved in these areas. The course involves class lectures and discussions, labs, special projects or reports, homework, and the formulation of a notebook.
Prerequisite: Strong junior high science background recommended.

HONORS BIOLOGY I (3024) C3024H-C3025H
Grades 9-10 2 Credits (Full Year)
Biology I is a two semester course required for graduation. Honors Biology I follows the state standards for biology in more depth and at an accelerated pace. The course gives a progressive look at the biological sciences from the atom to complex organisms. The first semester includes ecology, biochemistry, the study of molecular structures and processes related to life, and cytology, the study of the cell’s structures and functions. Emphasis is placed on the study of relationships among organisms and their environment, the organization of organisms, and protein synthesis. This background information leads to second semester with a comparative study of photosynthesis and cellular respiration, genetics, evolution, and taxonomy. The course involves class lectures and discussions, labs (including the observation and dissection of organisms), projects, reports, and homework.
Prerequisite: Strong junior high science background suggested along with counselors recommendation.

EARTH SCIENCE DUAL CREDIT (3044) C3044D-C3045D
Grades 11-12 2 Credits (Full Year)
Students enrolled in this course examine various earth and space science phenomena, such as structure, composition, and interconnected systems of Earth and the various processes that shape it. Students will analyze and apply themes of Earth and space science as part of scientific inquiry aimed at investigating Earth and space science problems related to personal needs and community issues.
Prerequisite: Juniors and seniors who have completed Algebra and Biology

Dual Credit: A student enrolled in Honors Earth Science can receive 3 credits from the University of Southern Indiana in (Earth Science 112) through the College Achievement Program (CAP)

INTEGRATED CHEMISTRY-PHYSICS (3108) C3108-C3109
Grades 10-12 2 Credits (Full Year)
Integrated Chemistry-Physics is a laboratory based course in which students explore fundamental chemistry and physics principles. Students enrolled in this course examine, through the process of scientific inquiry, the structure and properties of matter, chemical reactions, forces, motion, and the interactions between energy and matter. Working in a laboratory environment, students investigate the basics of chemistry and physics in solving real world problems that may have personal or social consequences beyond the classroom.
Prerequisite: Algebra I (May be taken concurrently with this course)

PHYSICS DUAL CREDIT (3084) C3084D-C3085D
Grades 11-12 2 Credits (Full Year)
Physics is a science that deals with the interrelationship of matter and energy. Mechanics, light, sound, electricity and magnetism, are major areas of study. An understanding of physics through laboratory experiments plays a major role in this class. The class is a necessity for any student considering a scientific or technically-oriented career such as engineering, computer science, etc. While it is not calculus based, the student must have excellent math logic skills. The course involves class lectures and discussions, labs, reports, homework, the formation of a notebook, and special nine weeks projects.
Prerequisite: Algebra II with a grade of “C” or better and Geometry with a “C” or better.

Dual Credit: A student enrolled in Physics I, College Credit will also have the opportunity to be simultaneously enrolled in a USI class, Physics 101, for 3 credits.
# Social Studies

## Current Problems, Issues and Events (1512)  
**S1512**

Grades 10-12  
1 Credit (Semester)

Current Issues will provide opportunities to investigate and analyze significant problems and/or issues. These issues could include such topics as government policy, health, crime, education, law, and economy on the local, state, national and international level. Students will be developing the skills necessary to independently find and evaluate information and to support and defend opinions. Community service projects and leadership skills might be included in the course.  
**Prerequisite:** A strong interest in social studies.

## Economics/Economics Dual Credit (1514)  
**S1514/S1514D**

**Grade 12**  
1 Credit (Semester)

This course examines the allocation of scarce resources and the economic reasoning used by people as consumers, producers, savers, investors, workers, voters, and as government agencies. Key elements include the study of scarcity, supply and demand, market structures, the role of government, national income determination, money and the role of financial institutions, economics stabilization, and trade.  
**Prerequisite:** None  
**Note:** This course is required for graduation.  
**Dual Credit:** A student enrolled in Economics College Credit will have the opportunity to be simultaneously enrolled in a USI class for 3 college credits.

## Ethnic Studies (1516)  
**S1516**

**Grades 9-12**  
1 Credit (Semester)

Ethnic Studies provides opportunities to broaden students’ perspectives concerning lifestyles and cultural patterns of ethnic groups in the United States. This course will either focus on a particular ethnic group or groups, or use a comparative approach to the study of patterns of cultural development, immigration, and assimilation, as well as the contributions of specific ethnic or cultural groups. The course may also include analysis of the political impact of ethnic diversity in the United States.  
**Prerequisite:** None

## Geography and History of the World (1570)  
**S1570-S1571**

**Grades 9-12**  
2 Credits (Full Year)

Students develop and use the six elements of geography to better understand current events and issues facing the world today. These elements are: The World in Spatial Terms, Places and Regions, Physical Systems, Human Systems, Environment and Society, and the Uses of Geography. Students will demonstrate an understanding of these elements of geography in a context of world history, primarily from 1450 to the present.  
**Prerequisite:** None

## Indiana Studies (1518)  
**S1518**

**Grades 9-12**  
1 Credit (Semester)

Indiana Studies is an integrated course that compares and contrasts state and national developments in the areas of politics, economics, history, and culture. The course uses Indiana history as a basis for understanding current policies, practices, and state legislative procedures. It also includes the study of state and national constitutions from a historical perspective and as a current foundation of government. Examination of individual leaders and their roles in a democratic society will be included and student will examine the participation of citizens in the political process. Selections from Indiana arts and literature may also be analyzed for insights into historical events and cultural expressions.  
**Prerequisite:** None

## Psychology (1532)  
**S1532**

**Grades 11-12**  
1 Credit (Semester)

This course provides students the opportunity to explore psychology as the scientific study of mental processes and behavior. Areas of study include the Scientific Method, development, Cognition, personality, Assessment and Mental Health, and the Socio-Cultural and Biological Bases of Behavior.  
**Prerequisite:** None

## Sociology (1534)  
**S1534**

**Grades 11-12**  
1 Credit (Semester)

Students study human social behavior from a group perspective, including recurring patterns of attitudes and actions and how these patterns vary across time, among cultures, and in social groups. Students examine society, group behavior, and social structures, as well as the impact of cultural change on society, through research methods using scientific inquiry.  
**Prerequisite:** None

## United States Government (1540)  
**S1540**

**Grade 12**  
1 Credit (Semester)

This course provides a framework for understanding the purposes, principles, and practices of American government as established by the United States Constitution. Students are expected to understand their rights and responsibilities in local, state and national government.  
**Prerequisite:** None  
**Note:** This course is required for graduation.

## United States History/US History  
**S1542-S1543/S1542D-S1543D**

**Grade 11**  
2 Credits (Full Year)

This two-semester course builds upon concepts developed in previous studies and American history and emphasizes national development from the late nineteenth century into the twenty-first century. After review of fundamental themes in the early development of the nation, students study the key events, persons, groups and movements in the late nineteenth, twentieth, and early twenty-first centuries, as they relate to life in Indiana and the United States.  
**Prerequisite:** None  
**Note:** This course is required for graduation.  
**Dual Credit:** A student enrolled in US History College Credit will have the opportunity to be simultaneously enrolled in a USI class for 3-6 college credits.

## World History and Civilization (1548)  
**S1548-S1549**

**Grade 9-12**  
2 Credits (Full Year)

This two-semester course emphasizes key events and developments in the past that influenced people and places in subsequent eras. They examine the key concepts of continuity and change, universality and particularity, and unity and diversity among peoples and cultures from the past to the present.  
**Prerequisite:** None

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**Note:**

- AP Psychology exam, it is expected. This course is only open to juniors and seniors because of the maturity necessary for some of the content. The fee for the AP Psychology Exam at the time of this publication is $94.  
**Prerequisites:** 2.85 GPA, AP or Dual Credit experience, strong reading skills, and Psychology.
<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Grades</th>
<th>Credits</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Systems (4782)</td>
<td>T4782</td>
<td>9-12</td>
<td>1</td>
<td>Interest in Construction and Manufacturing</td>
</tr>
<tr>
<td>This course provides the student with basic information about wood and wood products, safe use, and care of hand and power tools. This course requires the student to learn the basic fundamentals of hand tools and machine operations. Each student will be required to complete learning exercises and textbook worksheets. After completion of the exercises and test/quiz work, the students will design and construct their own projects.</td>
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<tr>
<td>Introduction to Construction (4792)</td>
<td>T4792-T4793</td>
<td>10-12</td>
<td>2</td>
<td>Interest in Construction and Manufacturing</td>
</tr>
<tr>
<td>This course will be a combination of classroom and lab activities. The classroom phase will emphasize safety and material properties. The lab phase will give students experience in welding, sheet metal work, machining, bending, and automated (CNC) system operations. Students will work individually on small projects and in groups to produce competitive projects.</td>
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<tr>
<td>Mechanical Drafting and Design I (4836)</td>
<td>T4836-T4837</td>
<td>9-12</td>
<td>2</td>
<td>Introduction to Drafting and Design</td>
</tr>
<tr>
<td>This course is designed to acquaint the beginning student with the basic fundamentals of technical drawing, to help students learn to visualize in three dimensions and to read and write the language of industry.</td>
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<tr>
<td>Welding Technology I (5776)</td>
<td>T5776-T5777</td>
<td>10-12</td>
<td>2</td>
<td>Introduction to Manufacturing</td>
</tr>
<tr>
<td>This course will be a combination of classroom and lab activities. The classroom phase will emphasize safety and material properties. The lab phase will give students experience in welding, sheet metal work, machining, bending, and automated (CNC) system operations. Students will work individually on small projects and in groups to produce competitive projects.</td>
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</tbody>
</table>
World Languages are a vital key to opening the doorways of the world for our Mt. Vernon High School students. With the increase of global trade and marketing, world language study is an asset to communication from which every student will benefit. Many adults will attest that their world language classes were also beneficial in learning English.

Three years of the same world language meets the world language requirement for the Indiana Academic Honors Diploma. While students can choose to elect two years of two languages to receive the honors diploma, they can also enroll in more than one at any given time. While studying one, the concepts of learning world language assists in learning another. Students will need to pass the requirements of one level before continuing in the sequence to the next level.

Fourth year languages are encouraged and may result in college credits given through college entrance exams or possible dual credit. For the student planning further study in any field at the college or university level, please be advised that many of their programs require two years of world language. Most students in the college classroom will have had two, three and many times four years of preparation.

**GERMAN II (2042)**

**Grades 10-12**  
2 Credits (2042)

This course enables students to participate in classroom and extracurricular activities related to German as well as participate in conversations dealing with daily activities and personal interest. More emphasis is placed on fluency to speak and the ability to write. Students will be able to ask questions regarding routine activities, participate in conversations, relate a simple narrative, interact in a variety of situations to meet personal needs, understand main ideas and facts from simple texts, read aloud with appropriate intonation and pronunciation, and write in response to given situations.

**Prerequisite:** German I

**GERMAN III (2044)**

**Grades 11-12**  
2 Credits (2044)

This course enables students to understand and appreciate other cultures by comparing social values and behaviors of German speaking peoples. Students will be able to initiate and participate in discussions concerning these cultures. Students will be able to write paraphrases, summaries, and brief compositions and read for comprehension from a variety of materials. In addition, students will be able to respond to factual and interpretive questions, describe different aspects of the culture, read literary selections, and be able to seek help utilizing the language in a crisis situation.

**Prerequisite:** German I and II

**GERMAN IV (2046)**

**Grade 12**  
2 Credits (2046)

This course enables students to participate in classroom and extracurricular activities related to German. These could include presentations to the student body and parent groups. Students should be willing to participate in conversations with native and advanced non-native speakers. Well-organized compositions and presentations will be expected. In addition, students will be able to respond to factual and interpretive questions, interact in complex social situations, express opinions and make judgments about what is spoken and read, and read for comprehension from a number of authentic materials such as newspapers, magazines, and novels.

**Prerequisite:** German I, II and III

**SPANISH I (2120)**

**Grades 9-12**  
2 Credits (2120)

**Spanish I**, a course based on Indiana’s Academic Standards for World Languages, introduces students to effective strategies for beginning Spanish language learning, and to various aspects of Spanish-speaking culture. This course encourages interpersonal communication through speaking and writing, providing opportunities to make and respond to conversations on familiar topics, and write short passages with guidance. This course also emphasizes the development of reading and listening comprehension skills, such as reading isolated words and phrases in a situational context and comprehending brief written or oral directions. Additionally, students will examine the practices, products and situation-appropriate non-verbal communication. This course further emphasizes making connections across content areas and the application of understanding Spanish language and culture outside of the classroom.

**Recommended Prerequisites:** A “C” or higher in English

**Note:** Fulfills a World Language requirement for the Core 40 with Academic Honors diploma as a Directed Elective or Elective for any diploma.

**SPANISH II (2122)**

**Grades 10-12**  
2 Credits (2122)

Spanish II, a course based on Indiana’s Academic Standards for World Languages, builds upon effective strategies for Spanish language learning by encouraging the use of the language and cultural understanding for self-directed purposes. This course encourages interpersonal communication through speaking and writing, providing opportunities to make and respond to requests and questions in expanded contexts, participate independently in brief conversations on familiar topics, and write cohesive passages with greater independence and using appropriate formats. This course also emphasizes the development of reading and listening comprehension skills, such as using contextual clues to guess meaning and comprehending longer written or oral directions. Students will address the presentational mode by presenting prepared material on a variety of topics, as well as reading aloud to practice appropriate pronunciation and intonation. Additionally, students will describe the practices, products and perspectives of Spanish-speaking culture; report on basic family and social practices of the target culture; and describe contributions from the target culture. This course further emphasizes making connections across content areas and the application of understanding Spanish language and culture outside of the classroom.

**Recommended Prerequisites:** Spanish I (Recommend a C or higher)

**Note:** Fulfills a World Language requirement for the Core 40 with Academic Honors diploma or counts as a Directed Elective or Elective for any diploma.
Spanish III (2124)  
WL2124-WL2125  
Grades 11-12  2 Credits (Full Year)

Spanish III, a course based on Indiana’s Academic Standards for World Languages, builds upon effective strategies for Spanish language learning by facilitating the use of the language and cultural understanding for self-directed purposes. This course encourages interpersonal communication through speaking and writing, providing opportunities to initiate, sustain and close conversations; exchange detailed information in oral and written form; and write cohesive information with greater detail. This course also emphasizes the continued development of reading and listening comprehension skills, such as using cognates, synonyms and antonyms to derive meaning from written and oral information, as well as comprehending detailed written or oral directions. Students will address the presentational mode by presenting student-created material on a variety of topics, as well as reading aloud to practice appropriate pronunciation and intonation. Additionally, students will continue to develop understanding of Spanish speaking culture through recognition of the interrelations among the practices, products and perspectives of the target culture; discussion of significant events in the target culture; and investigation of elements that shape cultural identity in the target culture. This course further emphasizes making connections across content areas as well as the application of understanding Spanish language and culture outside of the classroom.

Recommended Prerequisites: Spanish I and II (recommend C or better)

Note: Fulfills a World Language requirement for the Core 40 with Academic Honors diploma or counts as a Directed Elective or Elective for any Diploma

Spanish IV (2126)  
WL2126-WL2127  
Grade 12  2 Credits (Full Year)

Spanish IV, a course based on Indiana’s Academic Standards for World Languages, provides a context for integration of the continued development of language skills and cultural understanding with other content areas and the community beyond the classroom. The skill sets that apply to the exchange of written and oral information are expanded through emphasis on practicing speaking and listening strategies that facilitate communication, such as the use of circumlocution, guessing meaning in familiar and unfamiliar contexts, and using elements of word formation to expand vocabulary and derive meaning. Additionally, students will continue to develop understanding of Spanish-speaking culture through explaining factors that influence the practices, products, and perspectives of the target culture; reflecting on cultural practices of the target culture; and comparing systems of the target culture and the student’s own culture. This course further emphasizes making connections across content areas through the design of activities and materials that integrate the target language and culture with concepts and skills from other content areas. The use and influence of the Spanish language and culture in the community beyond the classroom is explored through the identification and evaluation of resources intended for native Spanish speakers. This course is taught in Spanish, and students are required to speak.

Recommended Prerequisites: Spanish I, II and III (recommend an A or B average for first three years of Spanish)

Note: Fulfills a World Language requirement for the Core 40 with Academic Honors diploma or counts as a Directed Elective or Elective for any diploma.
Career and Technical Education programs are available to juniors and seniors at the Southern Indiana Career and Technical Center (SICTC). Students must complete the online application process at [https://applytosictc.com/application.php](https://applytosictc.com/application.php). Applications of students are reviewed by the Career and Technical Screening Committee in late January. The Committee makes the final determination on students to be admitted. Applicants are notified in February and given further instructions by their home high school counselors regarding additional enrollment procedures. Parental permission is required, and students must enroll for a minimum of one semester. Students are responsible for the cost of textbooks, supplies and materials for the EVSC Career and Technical Education Programs. Dual credit opportunities may be available for courses taken at the SICTC. Details on courses can be found at [http://sictc.evscschools.com/courses/](http://sictc.evscschools.com/courses/).

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade Levels</th>
<th>Credits per Semester</th>
<th>Duration</th>
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<tbody>
<tr>
<td>Auto Service Technology (5510)</td>
<td>Grades 11-12</td>
<td>3</td>
<td>Full Year</td>
</tr>
<tr>
<td>Automotive Collision Repair Technology I/II (5514)</td>
<td>Grades 11-12</td>
<td>3</td>
<td>Full Year</td>
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<tr>
<td>Building Trades Technology I/II (5580)</td>
<td>Grades 11-12</td>
<td>3</td>
<td>Full Year</td>
</tr>
<tr>
<td>Computer Network Technology (CISCO) (5532)</td>
<td>Grades 11-12</td>
<td>3</td>
<td>Full Year</td>
</tr>
<tr>
<td>Culinary Arts Careers I/II (5440)</td>
<td>Grades 11-12</td>
<td>3</td>
<td>Full Year</td>
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<tr>
<td>Diesel Service Technology I/II (5620)</td>
<td>Grades 11-12</td>
<td>3</td>
<td>Full Year</td>
</tr>
<tr>
<td>Electricity/Residential and Industrial Technology I/II (5684)</td>
<td>Grades 11-12</td>
<td>3</td>
<td>Full Year</td>
</tr>
<tr>
<td>Graphic Communications/Printing/Digital Media Technology I/II (5572)</td>
<td>Grades 11-12</td>
<td>3</td>
<td>Full Year</td>
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<tr>
<td>Health Sciences Education I (5282)</td>
<td>Grades 11-12</td>
<td>3</td>
<td>Full Year</td>
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<tr>
<td>Health Sciences Education II</td>
<td>Grade 12</td>
<td>3</td>
<td>Full Year</td>
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<tr>
<td>Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) I/II (5496)</td>
<td>Grades 11-12</td>
<td>3</td>
<td>Full Year</td>
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<tr>
<td>Industrial Repair, Maintenance and Plastics Technology I/II (5686)</td>
<td>Grades 11-12</td>
<td>3</td>
<td>Full Year</td>
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<td>Precision Machine Technology I/II (5782)</td>
<td>Grades 11-12</td>
<td>3</td>
<td>Full Year</td>
</tr>
<tr>
<td>Public Safety/Law Enforcement/EMT/Fire Science/Homeland Security (5820)</td>
<td>Grades 11-12</td>
<td>3</td>
<td>Full Year</td>
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<tr>
<td>Radio/TV Broadcasting/Telecommunication (5986)</td>
<td>Grades 11-12</td>
<td>3</td>
<td>Full Year</td>
</tr>
<tr>
<td>Welding Technology I/II (5776)</td>
<td>Grades 11-12</td>
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