



Burris High School

**Course Description Guide
2017-2018**

Updated February 27, 2017

CORE 40
For students beginning high school in 2012 and after
(Graduating Class of 2016 and beyond)

All students entering the ninth grade should work toward completing the Indiana Core 40. Students completing Core 40 at Burris shall have completed a minimum of 45 credits.

Students should complete the Core 40 to be considered for admission to Indiana's four-year colleges. The same courses are strongly suggested for admission to a two-year public college or entry into the workforce. Complete the Core 40 by:

1. Taking 28 to 30 credits.

Language Arts	8 credits including a balance of literature, composition, and speech
Mathematics**	6-8 credits in Algebra I, Geometry, Algebra II, and beyond
**All students must take a math or quantitative reasoning course <u>each year</u> in high school	
Science	6 credits in laboratory science from the following: 2 Biology 2 Physics or Chemistry or Integrated Chemistry/Physics and 2 additional credits from any Core 40 science course
Social Studies	6 credits distributed as follows: 2 U.S. History 1 U.S. Government 1 Economics 2 World History and Civilization
Physical Education	2 credits (two semesters)
Health and Wellness	1 credit (one semester)

2. Choosing 8 credits in courses from the list above or the list below.

Foreign Languages	Chinese, French, German, Japanese, Latin, Russian, or Spanish
Arts	Art, Music or Drama
Computers	Computer Applications
Career Area	At least 6 credits in a logical sequence from a technical career area.

3. Choosing 2 to 4 more credits from any courses at your school.

It is the responsibility of the student to see that the requirements for graduation are met.

All high school students are required to enroll in six credits per semester. To maintain enrollment at Burris, students must take all course work at Burris Laboratory School, Indiana Academy, or Ball State University. It is the responsibility of each student to complete and submit the proper paperwork for taking independent studies and Ball State University courses.

Students considering athletics in college are strongly urged to be familiar with the NCAA Approved Course list and plan their academic courses accordingly. The list can be found on www.ncaaclearinghouse.net.

CORE 40 with ACADEMIC HONORS For students beginning high school in 2012 and after

In order for a Burris graduate to be eligible for a Core 40 with Academic Honors Diploma, the student must complete a minimum of forty-seven (47) high school semester credits earned during enrollment in grades 9-12. The following areas and courses are required:

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|---------------------------|----------------|
| (1) English Language Arts | 8 credits |
| (2) Social Studies | 6 credits |
| (3) Mathematics | 8 credits |
| (4) Science | 6 credits |
| (5) Foreign Language | 6 or 8 credits |
| (6) Fine Arts | 2 credits |
| (7) Health and Wellness | 1 credit |
| (8) Physical Education | 2 credits |

In addition to the minimum course requirements, courses counting toward a Core 40 with Indiana Academic Honors Diploma are subject to the following requirements:

- (1) Language arts credits must include speech, literature, and composition
- (2) Social studies credits must include one semester of economics, one semester of government, two semesters of U.S. History, and two semesters of World History and Civilization.
- (3) Mathematics credits must include algebra II and another upper level mathematics course. If a student has completed algebra I in middle school, that student must earn only six (6) high school mathematics credits.
- (4) Science credits must include:
 - (A) 2 credits in Biology
 - (B) 2 credits in Chemistry or Physics or Integrated Chemistry/Physics
 - (C) 2 additional credits from any Core 40 science course
- (5) Foreign language credits must include:
 - (A) 6 credits in one language; or
 - (B) 4 credits in one language and 4 credits in another language.
- (6) To meet the fine arts requirement, credit will be awarded for all fine arts and music classes including those that have a major emphasis on art or music history. Credit may be given in art media if the course emphasis is on production of creative products rather than technical aspects of the area.

Only courses in which a student has earned a grade of "C" or above may count toward a Core 40 with Academic Honors Diploma. To be eligible for a Core 40 with Academic Honors Diploma, a student must have a grade point average of "B"/3.0 or above. The overall average must be calculated by counting all courses taken. Thus, if a student retakes a course, the previous course grade or credit(s) cannot be dropped from the calculation of the grade point average. The number of attempted credits recorded on the student's transcript is used in calculating the overall grade point average. Independent studies and internships may not be used to complete the required courses credits for a Core 40 with Academic Honors Diploma, but can count towards the total of 47 credits as elective credits.

Also, complete one of the following:

- Earn 4 credits in 2 or more Advanced Placement courses and take corresponding AP exams
- Earn 6 verifiable transcribed college credits in dual credit courses from the priority course list (usually 2 classes)
- Earn BOTH a minimum of 3 transcribed college credits and 2 credits in AP classes and corresponding exams
- Score 1750 or higher on the combined SAT critical reading, math, and writing sections and a minimum score of 530 on each section
- Score a 26 composite ACT and complete written section
- *Earn 4 credits International Baccalaureate classes and corresponding exams (not currently offered at Burris)*

It is the responsibility of the student to see that the requirements for graduation are met.

All high school students are required to enroll in six credits per semester. To maintain enrollment at Burris, students must take all course work at Burris Laboratory School, Indiana Academy, or Ball State University. It is the responsibility of each student to complete and submit the proper paperwork for taking independent studies and Ball State University courses.

Students considering athletics in college are strongly urged to be familiar with the NCAA Approved Course list and plan their academic courses accordingly. The list can be found on www.ncaaclearinghouse.net.

CORE 40 with TECHNICAL HONORS
For students beginning high school in 2012 and after

In order for a Burris graduate to be eligible for a Core 40 with Technical Honors Diploma, the student must complete a minimum of forty-seven (47) high school semester credits earned during enrollment in grades 9-12. Students should complete the Core 40 to be considered for admission to Indiana's four-year colleges. The same courses are strongly suggested for admission to a two-year public college or entry into the workforce. The following areas and courses are required:

1. Taking 29 to 31 credits.

Language Arts	8 credits in literature, composition, and speech
Mathematics	6-8 credits in Algebra I, Geometry, Algebra II, and beyond
Science	6 credits in laboratory science from the following: 2 Biology 2 Physics or Chemistry or Integrated Chemistry/Physics and 2 additional credits from any Core 40 science course
Social Studies	6 credits distributed as follows: 2 U.S. History 1 U.S. Government 1 Economics 2 World History and Civilization
Physical Education	2 credits (two semesters)
Health and Wellness	1 credit (one semester)

2. Choosing 8 credits in courses from the list above or the list below.

Foreign Languages	Chinese, French, German, Japanese, Latin, Russian, or Spanish
Arts	Art, Music or Drama
Computers	Computer Applications
Career Area	At least 6 credits in a logical sequence from a technical career area.

In addition to meeting all requirements for Core 40, Technical Honors Diploma track students must:

- Earn 6 credits in the college and career preparation courses in a state-approved College and Career Pathway and one of the following:
 - Pathway designated industry-based certification or credential, OR
 - Pathway dual credits from the lists of priority courses resulting in 6 transcribed college credits
- And complete one of the following:
 - Any one of the options of the Core 40 with Academic Honors (see prior page)
 - Earn the following scores on WorkKeys; Reading for Information-Level 6, Applied Math-Level 6, and Locating Information-Level 5
 - Earn the following minimum score(s) on Accuplacer: Writing 80, Reading 90, and Math 75
 - Earn the following minimum score(s) on Compass; Algebra 66, Writing 70, and Reading 80

Only courses in which a student has earned a grade of "C" or above may count toward a Core 40 with Technical Honors Diploma. To be eligible for a Core 40 with Technical Honors Diploma, a student must have a grade point average of "B"/3.0 or above. The overall average must be calculated by counting all courses taken. Thus, if a student retakes a course, the previous course grade or credit(s) cannot be dropped from the calculation of the grade point average. The number of attempted credits recorded on the student's transcript is used in calculating the overall grade point average. Independent studies and internships may not be used to complete the required courses credits for a Core 40 with Technical Honors Diploma, but can count towards the total of 47 credits.

It is the responsibility of the student to see that the requirements for graduation are met.

All high school students are required to enroll in six credits per semester. To maintain enrollment at Burris, students must take all course work at Burris Laboratory School, Indiana Academy, or Ball State University. It is the responsibility of each student to complete and submit the proper paperwork for taking independent studies and Ball State University courses.

Students considering athletics in college are strongly urged to be familiar with the NCAA Approved Course list and plan their academic courses accordingly. The list can be found on www.ncaaclearinghouse.net.

Academy Classes - Burris students may enroll in classes at the Indiana Academy when appropriate and if class space is available. Advanced placement, distance learning, and optional foreign languages are open to Burris students. Enrollment is by permission only and placement testing may be required. Academy classes taken by Burris students will appear on the official transcript. Students interested in enrolling in an Academy class should discuss this option with the guidance counselor at Burris. Freshmen and sophomores wishing to enroll in Academy classes must obtain two teacher recommendations; forms and instructions are available in the Counseling Center. Academy classes will, in most cases, count toward the Indiana Academic Honors Diploma and meet the requirements set by the NCAA for students wishing to participate in NCAA athletics. Students should check with the guidance counselor before enrolling to make certain that courses meet all requirements for the Indiana Academic Honors Diploma and the NCAA, where applicable.

Advanced Placement Courses - Upon successful completion of an Advanced Placement course, students are expected to take the corresponding Advanced Placement Exam if the exam can be administered to the student free of charge.

Ball State University Classes - Burris juniors and seniors who have mastered the appropriate courses may investigate taking a course or courses at Ball State University. (Younger students who have not met junior status but who have an interest in a special Ball State offering must seek special permission from the principal). Burris requires that students have a minimum cumulative GPA of 3.0 or above to enroll in college classes. Students receiving a grade lower than a "C" in a college class will be required to take a full load of classes in Burris during the next term. No more than one college class may be taken each semester during the junior year and no more than two college classes may be taken each semester during the senior year unless special permission is granted by the principal. Students interested in taking Ball State courses should first consult with their parents and then discuss their interests with the guidance counselor. The appropriateness of said courses will be checked and each student will be informed of the necessary steps to register for a Ball State University course. Please note that a three credit hour course at Ball State University equals one Burris credit. A one or two credit hour course at Ball State University cannot be taken in place of one Burris class unless special permission is granted by the principal. Courses requested by a student are identified, and the guidance counselor will check to see if the desired course/courses will fit into the student's schedule and meet specific academic needs. If so, pink forms with specific instructions will be prepared by student and submitted to the guidance counselor. Letters to the appropriate Ball State department chairs will be prepared so the student can acquire departmental permission to take the university courses, and the Burris principal will review and approve or deny the student's request. When a student returns to the Counseling Center in room 112 to pick up the letter which goes to a department chair for a signature of approval, the student will be given a complete packet of materials which clearly defines the process to be completed before registration in a college class is official. A student will be officially enrolled in a Ball State class only if the student has completed all of the designated steps and paid the assigned university fees. Any student not appearing as a registered student in the Ball State University computer system cannot count the class as one of their six classes. Students and their parents are responsible for fees associated with university courses. Some students take courses for high school credit only (audit fee). Other students choose to take courses for both high school and college credit (full fees). In such cases, university fees for specific hours apply. The student and parents should make a determination of the type of credit that a student earns. Any questions concerning these options may be addressed to the guidance counselor at 285-2341. All courses taken at the university become part of the student's official schedule, appear on the official high school transcript, and count toward the Indiana Academic Honors Diploma requirements, if applicable. Courses may not be dropped during the semester; the university's drop/add dates will not apply to Burris students.

Credit by Demonstration of Proficiency - Students are allowed the pursuit of course credit by demonstrating that they have mastered the standards of the course and are proficient in course content. Interested students should discuss this option first with the teacher of a specific course and also obtain permission of the principal to pursue this option.

Dual Credit - Some Burris high school courses will be eligible for Dual Credit with Ball State University or Ivy Tech Community College. Students are responsible for the enrollment fee and tuition (varies per course) and will receive a **college transcript** for courses that are successfully completed. Tuition fees for dual credit courses are **lower** than regular college tuition rates for the same course. The college transcript should allow the transfer of credits to other colleges within Indiana. Check for course acceptance when transferring credits to out of state colleges.

Early Graduation - Students may opt to petition the principal to graduate at the completion of all graduation requirements regardless of number of semesters completed.

Effort Grade (E) - Faculty members at Burris Laboratory School have the option of issuing an E grade. This grade is granted when a student has worked to his/her highest potential in a class but was unable to master the assigned work at the passing level identified by the individual teaching the class. An E grade is a credit-bearing grade; however, it has no impact on the GPA. Only A, B, C, D, and NC grades are included in a student's GPA. An E grade in a course does count toward graduation requirements. When a faculty member is considering an E grade, consultation with the counselor, resource room personnel, section 504 coordinator, or other personnel working with the student's academic program is appropriate and recommended.

High School Credit Below Grade 9 - High school credit will be given for high school classes taken during middle school at Burris. Transfer students will receive credit IF the previous school awarded high school credit. Students wishing to earn high school credit before entering the ninth grade must work with a guidance counselor and may need to seek approval from the principal. Approval must be sought before the course is taken. Each request will be considered on an individual basis.

INC (Incomplete) - Should unusual circumstances arise, such as an illness or family emergency, that prevent the student from completing course work at mid-term or the end of the semester by the deadlines for grades to be issued, a teacher may issue an "I" (Incomplete) grade. To request a grade of "I", the teacher must request a form that is available in from the Systems Administrator in room 129A. This form must be submitted according to the deadlines for the submission of all other mid-term or final grades (8:00 a.m. on the third school day following the end of the mid-term or the semester, unless otherwise noted). Instructions for completing the form are included on the form. A deadline for completing assignments must be indicated on the form. To change the grade from "I", the teacher must complete an official grade change form no later than the end of the second school day following the above deadline. If the above requirements are not met and the grade change form is not filed, the "I" grade will automatically become a "NC" (no credit) on the third school day following the above deadline. Grades of "I" earn no credit, do not affect the GPA, and are not considered passing when determining athletic eligibility for a student. However, when the "I" grade is changed according to the above deadlines, the new grade will be used to determine athletic eligibility. All requests for use of "I" require completion of the form and approval of the principal.

Independent Study - Independent study is an option for juniors and seniors only with a cumulative GPA of 3.0 or above. This program provides students with an opportunity to extend their education beyond the courses that are on the schedule for the academic year (No course that appears on the schedule is to be taken as an independent study). Independent studies may not be used to meet the required credits for an Indiana Academic Honors Diploma, but can count towards the total of 47 credits. The NCAA Clearinghouse does not recognize Independent studies. Students who are planning to participate in NCAA athletics should not take independent study courses unless they are above and beyond regular graduation requirements. A student wishing to consider an independent study should discuss the appropriateness of the option with parents and the guidance counselor. The student must develop the program for the independent study with the assistance of a faculty advisor. Each student may include only one independent study as part of the required six classes each semester. Seniors may not take an independent study if enrolled in an internship. A student wishing to pursue an independent study must prepare the necessary forms that are available in the Burris Counseling Center. An Independent Study Proposal must be filled out appropriately, turned in by the established deadline, and signed by the student, parent, and advisor. The Proposal Approval Committee's approval is required for each completed proposal to be valid. Failure to complete the proposal by the established deadline may result in the denial of the proposal and the placement of the student in a course from the Burris schedule. Grades for independent study are issued at mid-term and at the end of the semester. Time logs are to be maintained. Each independent study is worth one credit, and 90 hours of study must be documented. A final project, determined by the student and advisor of each independent study, is required. Each student will share the final project with peers and faculty personnel in an appropriate setting. Independent studies are part of a student's regular schedule and appear on the official transcript.

Internships - Internships are an option for juniors and seniors only and must be career oriented. Students must have a minimum cumulative GPA of 3.0 or above. This program would extend their education beyond the courses that are on the schedule for the academic year. Only elective credit will be given for a completed internship. Students will not be permitted to take an internship and an independent study during the same semester. Internships require a documented log of 90 hours per semester credit. A student wishing to consider an internship should discuss the appropriateness of this option with parents and the guidance counselor. A proposal for an internship must be completed, turned in by the established deadline, and signed by the student, parent, and supervisor of the internship. The Proposal Approval Committee's approval is required for each internship. Internships are part of a student's regular schedule and appear on the official transcript. Failure to complete the proposal by the established deadline may result in the denial of the proposal and the placement of the student in a course from the Burris schedule.

NC Grade - The indicator NC (No Credit) identifies a failing grade and is factored into the grade point average. NC is used when the student has not satisfactorily completed work assigned with a passing grade; the classroom teacher is responsible for determining the assignment of an NC.

Online Courses - Online courses may be allowed for Burris students under two conditions: 1. Class must not be offered at Burris, Indiana Academy, or at Ball State University or 2. An unresolvable scheduling conflict exists which cannot be remedied any other way. Students must complete an online course request form, which may be obtained from the guidance counselor. Administrative approval must be given. Student pays cost for the course. The course must be taught through an accredited source.

Retaking Courses - Students wishing to repeat a course taken during the Fall Semester should take the course over during the Fall Semester, unless the class is a single-semester course also offered in the spring. Similarly, students wishing to repeat a course taken during the Spring Semester should take the course over during the Spring Semester. The student's overall grade point average must be calculated by counting all attempted course credits and grades. Thus, if a student retakes a course, the

previous course grade and credit(s) cannot be dropped from the calculation of the grade point average. No record of courses is dropped from the transcript. If a student retakes a class which was previously passed in an attempt to earn a higher grade, both grades will remain on the transcript, but the student will earn a credit for only the second course taken. If a student retakes a course previously passed and fails the second attempt, the credit from the first course remains and both grades are listed on the transcript. If a student has a question about retaking a class, the student should clear it through the guidance counselor. For athletic eligibility, students must pass 5 full credit courses (A BSU course must be a 3 hour course to count as 1) for which the student has not received prior credit. Example: A student retaking a course for an improved grade when the original grade was a D- or better is not allowed to count that course toward athletic eligibility. Consult the athletic director or guidance counselor for any clarification of this IHSA rule.

ART

CERAMICS: Offered Fall 2017. HS3180

Ceramics is a course based on the Indiana Academic Standards for Visual Art. Students in ceramics engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. Students create works of art in clay utilizing the processes of hand building, molds, wheel throwing, slip and glaze techniques, and the firing processes. They reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art-related careers.

- Recommended Grade Level: 10, 11, 12
- Recommended Prerequisites: Introduction to Two-Dimensional Art (L), Introduction to Three-Dimensional Art (L)
- Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized
- Counts as a Directed Elective or Elective for all diplomas
- Laboratory Course

DRAWING: Offered Fall 2017. HS3179

Drawing is a course based on the Indiana Academic Standards for Visual Art. Students in drawing engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. Students create drawings utilizing processes such as sketching, rendering, contour, gesture, and perspective drawing and use a variety of media such as pencil, chalk, pastels, charcoal, and pen and ink. They reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art-related careers.

- Recommended Grade Level: 10, 11, 12
- Recommended Prerequisites: Introduction to Two-Dimensional Art (L)
- Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Counts as a Directed Elective or Elective for all diplomas
- Laboratory Course

FIBER ARTS: Offered Spring 2018. HS3186

Fiber Arts is a course based on the Indiana Academic Standards for Visual Art. Students in fiber arts engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. Students create fiber art works utilizing processes such as loom and off-loom construction, dyeing, coiling, and stitchery. They reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art-related careers.

- Recommended Grade Level: 10, 11, 12
- Recommended Prerequisites: Introduction to Two-Dimensional Art (L), Introduction to Three-Dimensional Art (L)
- Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Counts as a Directed Elective or Elective for all diplomas
- Laboratory Course

INTRODUCTION TO TWO-DIMENSIONAL ART: Offered 2017-2018. HS3177 Fall/HS3177A Spring

Introduction to Two-Dimensional Art is a course based on the Indiana Academic Standards for Visual Art. Students taking this course engage in sequential learning experiences that encompass art history, art criticism, aesthetics, production, and integrated studies and lead to the creation of portfolio quality works. Students explore historical and cultural background and connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; create two-dimensional works of art, reflect upon the outcomes, and revise their work; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. They identify ways to utilize and support art museums, galleries, studios, and community resources.

- Recommended Grade Level: 9, 10, 11, 12
- Recommended Prerequisites: none
- Credits: 1 semester course, 1 credit per semester
- Counts as a Directed Elective or Elective for all diplomas
- Laboratory Course

JEWELRY: Offered Spring 2018. HS3185

Jewelry is a course based on the Indiana Academic Standards for Visual Art. Students in Jewelry engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. Students create works of jewelry design and fabrication techniques including, sawing, piercing, filing, and soldering. They reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art-related careers.

- Recommended Grade Level: 10, 11, 12
- Recommended Prerequisites: Introduction to Two-Dimensional Art (L), Introduction to Three-Dimensional Art (L)
- Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized
- Counts as a Directed Elective or Elective for all diplomas
- Laboratory Course

PAINTING: Offered Fall 2017. HS 3178

Painting is a course based on the Indiana Academic Standards for Visual Art. Students taking painting engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production that lead to the creation of portfolio quality works. Students create abstract and realistic paintings, using a variety of materials such as mixed media, watercolor, oil, and acrylics as well as techniques such as stippling, gouache, wash, and impasto. They reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art-related careers.

- Recommended Grade Level: 10, 11, 12
- Recommended Prerequisites: Introduction to Two-Dimensional Art (L)
- Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Counts as a Directed Elective or Elective for all diplomas
- Laboratory Course

PRINTMAKING: Offered Spring 2018. HS3178

Printmaking is a course based on the Indiana Academic Standards for Visual Art. Students in printmaking engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production that lead to the creation of portfolio quality works. Students apply media, techniques, and processes with sufficient skill to communicate intended meaning. They create abstract and realistic prints using a variety of materials such as linocut, woodcut, stencil, silkscreen, photo silkscreen, and mono-print. They utilize processes such as etching, relief, and lithography to explore a variety of ideas and problems. Students reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for

integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art-related careers.

- Recommended Grade Level: 10, 11, 12
- Recommended Prerequisites: Introduction to Two-Dimensional Art (L)
- Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Counts as a Directed Elective or Elective for all diplomas
- Laboratory Course

SCULPTURE: Offered Spring 2018. HS3184

Sculpture is a course based on the Indiana Academic Standards for Visual Art. Students in sculpture engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production. Using materials such as plaster, clay, metal, paper, wax, and plastic, students create portfolio quality works. Students at this level produce works for their portfolios that demonstrate a sincere desire to explore a variety of ideas and problems. They create realistic and abstract sculptures utilizing subtractive and additive processes of carving, modeling, construction, and assembling. They reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art-related careers.

- Recommended Grade Level: 10, 11, 12
- Recommended Prerequisites: Introduction to Two-Dimensional Art (L), Introduction to Three-Dimensional Art (L)
- Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Counts as a Directed Elective or Elective for all diplomas
- Laboratory Course

ADVANCED PLACEMENT STUDIO ART: Offered 2017 - 2018. HS4023 Fall/HS4024 Spring

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios: **2-D Design, 3-D Design and Drawing** — corresponding to the most common college foundation courses.

The portfolios share a basic, three-section structure, which requires the student to show a fundamental competence and range of understanding in visual concerns (and methods). Each of the portfolios asks the student to demonstrate a depth of investigation and process of discovery through the **Concentration** section (Section II). In the **Breadth** section (Section III), the student is asked to demonstrate a serious grounding in visual principles and material techniques. The **Quality** section (Section I) permits the student to select the works that best exhibit a synthesis of form, technique, and content.

The table below summarizes the section requirements for each of the three portfolios.

	Drawing	2-D Design	3-D Design
Section I: Quality	Five actual drawings; maximum size is 18" x 24"	Five actual works; maximum size is 18" x 24"	Five works; two images of each one are submitted
Section II: Concentration	12 images; some may be details	12 images; some may be details	12 images; some may be second views
Section III: Breadth	12 works; one image of each is submitted	12 works; one image of each is submitted	Eight works; two images of each are submitted

All three sections are required and carry equal weight, but students are not necessarily expected to perform at the same level in each section to receive a qualifying grade for advanced placement. The order in which the three sections are presented is in no way meant to suggest a curricular sequence. The works presented for evaluation may have been produced in art classes or on the student's own time and may cover a period of time longer than a single school year.

Studio Art, Advanced Placement – Drawing Portfolio is designed to address a very broad interpretation of drawing issues and media. Light and shade, line quality, rendering of form, composition, surface manipulation, and illusion of depth are drawing issues that can be addressed through a variety of means, which could include painting, printmaking, mixed media, etc. Abstract,

observational, and inventive works may demonstrate drawing competence. Any work that makes use of (appropriate) other artists' works (including photographs) and/or published images must show substantial and significant development beyond duplication. This is demonstrated through manipulation of the formal qualities, design, and/or concept of the source. A comprehensive description of this course can be found on the College Board AP Central Course Description web page at: <http://apcentral.collegeboard.com/apc/public/courses/descriptions/index.html>

- Permission from course instructor.
- Required Prerequisites: Successful completion of 2 studio visual arts courses: Intro 2D Art, Drawing, Printmaking, Ceramics, Jewelry or Sculpture
- Recommended Grade Level: 11 or 12
- Recommended for students that must complete art portfolio requirements for collage applications.
- This course requires commitment from students to work outside of class and complete assignments before course begins. Failure to complete pre-course assignment will result in non-participation in the course.
- Continuation of second semester dependent on teacher recommendation
- Credits: a 2-semester course, 1 credit per semester
- Fulfills requirement for 2 Fine Arts credits for the Core 40 with Academic Honors diploma
- Counts as a Directed Elective or Elective for Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

Studio Art, Advanced Placement – 2D Design Portfolio

This portfolio is intended to address two-dimensional (2-D) design issues. Design involves purposeful decision making about how to use the elements and principles of art in an integrative way.

The principles of design (unity/variety, balance, emphasis, contrast, rhythm, repetition, proportion/scale, figure/ground relationships) can be articulated through the visual elements (line, shape, color, value, texture, space). They help guide artists in making decisions about how to organize an image on a picture plane in order to communicate content. Effective design is possible whether one uses representational or abstract approaches to art.

For this portfolio, students are asked to demonstrate mastery of 2-D design through any two-dimensional medium or process, including, but not limited to, graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting and printmaking. Video clips, DVDs, CDs and three-dimensional works may not be submitted. However, still images from videos or films are accepted.

A comprehensive description of this course can be found on the College Board AP Central Course Description web page at: <http://apcentral.collegeboard.com/apc/public/courses/descriptions/index.html>

- Permission from course instructor.
- Required Prerequisites: Successful completion of 2 studio visual arts courses: Intro 2D Art, Drawing, Printmaking, Ceramics, Jewelry or Sculpture
- Recommended Grade Level: 11 or 12
- Recommended for students that must complete art portfolio requirements for collage applications.
- This course requires commitment from students to work outside of class and complete assignments before course begins. Failure to complete pre-course assignment will result in non-participation in the course.
- Continuation of second semester dependent on teacher recommendation
- Credits: a 2-semester course, 1 credit per semester
- Fulfills requirement for 2 Fine Arts credits for the Core 40 with Academic Honors diploma
- Counts as a Directed Elective or Elective for Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

Studio Art, Advanced Placement – 3D Design Portfolio

This portfolio is intended to address sculptural issues. Design involves purposeful decision-making about using the elements and principles of art in an integrative way. In the 3-D Design Portfolio, students are asked to demonstrate their understanding of design principles as they relate to the integration of depth and space, volume and surface. The principles of design (unity/variety, balance, emphasis, contrast, rhythm, repetition, proportion/scale, and occupied/unoccupied space) can be articulated through the visual elements (mass, volume, color/light, form, plane, line, texture). For this portfolio, students are asked to demonstrate mastery of 3-D design through any three-dimensional approach, including, but not limited to, figurative or nonfigurative sculpture, architectural models, metal work, ceramics, glass work, installation, assemblage and 3-D fabric/fiber arts. There is no preferred (or unacceptable) style or content.

A comprehensive description of this course can be found on the College Board AP Central Course Description web page at: <http://apcentral.collegeboard.com/apc/public/courses/descriptions/index.html>

- Permission from course instructor.

- Required Prerequisites: Successful completion of 2 studio visual arts courses: Intro 2D Art, Drawing, Printmaking, Ceramics, Jewelry or Sculpture
- Recommended Grade Level: 11 or 12
- Recommended for students that must complete art portfolio requirements for collage applications.
- This course requires commitment from students to work outside of class and complete assignments before course begins. Failure to complete pre-course assignment will result in non-participation in the course.
- Continuation of second semester dependent on teacher recommendation
- Credits: a 2-semester course, 1 credit per semester
- Fulfills requirement for 2 Fine Arts credits for the Core 40 with Academic Honors diploma
- Counts as a Directed Elective or Elective for Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

ENGLISH

Each course is worth one **English** credit based on Indiana's Academic Standards for English. All English courses listed below are approved for Core 40, AHD and THD. Course descriptions are derived and adapted from *Indiana State Approved Course Guide*.

AMERICAN LITERATURE: Offered 2017-2018 HS3104A Fall / HS3104 Spring

American Literature, a course based on the Indiana Academic Standards for English/Language Arts, is a study of representative works and authors of the United States from pre-Revolutionary times to the present. Students read, analyze, evaluate, critique, and actively respond to a wide variety of literary genres that reflect American culture, including quality works of various ethnic and cultural minorities. Students compare readings and media from literature, history, and other subjects by demonstrating how the ideas and concepts presented in the works are interconnected, distinctly American, and important to an understanding of the development of the current culture.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: English 9, English 10, or teacher recommendation
- Credits: 1 to 2 semester course, 1 credit per semester
- Fulfills an English/Language Arts requirement for all diplomas

NOTE: Students are strongly encouraged to combine American Literature with a composition course that they take before, concurrently, or after the course.

COMPOSITION: Offered 2017 – 2018

Composition, a course based on the Indiana Academic Standards for English/Language Arts, is a study and application of the rhetorical writing strategies of narration, description, exposition, and persuasion. Using the writing process, students demonstrate a command of vocabulary, English language conventions, research and organizational skills, an awareness of the audience, the purpose for writing, and style. Students read classic and contemporary literature or articles and use appropriate works as models for writing. Students write a variety of types of compositions with a focus on fictional narratives, reflective compositions, academic essays, and responses to literature.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: English 9, English 10, or teacher recommendation
- Credits: 1 semester course, 1 credit per semester
- Fulfills an English/Language Arts requirement for all diplomas

NOTE: Students are strongly encouraged to combine this course with a literature course that they take before, concurrently, or after the course.

ENGLISH 9: Offered 2017 - 2018. HS1101 Fall/HS2101 Spring

English 9, an integrated English course based on the Indiana Academic Standards for English/Language Arts in Grades 9-10, is a study of language, literature, composition, and oral communication, focusing on literature within an appropriate level of complexity for this grade band. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance in classic and contemporary literature balanced with nonfiction. Students write, responses to literature, expository (informative), narrative, and argumentative/persuasive compositions, and sustained research assignments., . Students deliver grade-appropriate oral presentations with attention to audience and purpose and access, analyze, and evaluate online information.

- Recommended Grade Level: 9
- Recommended Prerequisites: none
- Credits: 2 semester course , 1 credit per semester

- Fulfills an English/Language Arts requirement for all diplomas

This course is required for all freshmen.

ENGLISH 10: Offered 2017 - 2018. HS1107 Fall/HS2107 Spring

English 10, an integrated English course based on the *Indiana Academic Standards for English/Language Arts* in Grades 9- 10, is a study of language, literature, composition, and oral communication, focusing on literature with an appropriate level of complexity for this grade band. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance in classic and contemporary literature balanced with nonfiction. Students write responses to literature, expository (informative) and argumentative/persuasive compositions, and sustained research assignments. . Students deliver grade-appropriate oral presentations with attention to audience and purpose and access, analyze, and evaluate online information.

- Recommended Grade Level: 10
- Recommended Prerequisites: English 9 or teacher recommendation
- Credits: 2 semester course, 1 credit per semester
- Fulfills an English/Language Arts requirement for all diplomas

This course is required for all sophomores.

ENGLISH LANGUAGE AND COMPOSITION ADVANCED PLACEMENT (Dual Credit Option – ENG 103 and/or 104):

Offered 2017-2018. HS4025 Fall/HS4026 Spring

Advanced English/Language Arts, College Credit, is an advanced course based on the *Indiana Academic Standards for English/Language Arts* in grades 11 and 12. This course title covers any English language and composition advanced course offered for credit by an accredited postsecondary institution through an adjunct agreement with a secondary school.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: English 9 and English 10 or other literature, language, composition, and speech courses or teacher recommendation
- Credits: 1 semester course, 1 credit per semester. May be offered for successive semesters
- Fulfills an English/Language Arts requirement for all diplomas
- Courses that use this title are most often those taught through the post-secondary campus, taught either online or in traditional settings or a combination; and/or taught by higher education faculty
- Courses that use this title are those that do not meet specific high school standards for a corresponding high school course, as they are standards beyond what is taught in the high school

ENGLISH LITERATURE AND COMPOSITION ADVANCED PLACEMENT: Offered 2017-2018. HS1105 Fall/HS1106 Spring

AP English Literature and Composition is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

- Recommended Grade Level: 11,12
- Recommended Prerequisites: English 9 and English 10 or teacher recommendation. Students should be able to read and comprehend college-level texts and apply the conventions of Standard Written English in their writing.
- Credits: 2 semester course, 1 credit per semester
- Fulfills an English/Language Arts requirement for grades 11 or 12 all diplomas

ENGLISH LITERATURE: Offered 2017 – 2018 HS1104 Fall / HS2105 Spring

English Literature, a course based on the *Indiana Academic Standards for English/Language Arts*, is a study of representative works of the English-speaking authors associated with the Commonwealth of Nations, including England, Scotland, Ireland, Wales, Canada, Newfoundland, Australia, New Zealand, India, South Africa, Kenya, Botswana, and others. Students examine a wide variety of literary genres that reflect the English-speaking peoples from the Anglo-Saxon Period to the present. Students analyze how the ideas and concepts presented in the works are both interconnected and distinctly reflective of the cultures and the countries in which they were written.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: English 9, English 10, or teacher recommendation
- Credits: 1 semester course, 1 credit per semester
- Fulfills an English/Language Arts requirement for all diplomas
- Course should use Indiana Academic Standards for grade 11 or 12

NOTE: Students are strongly encouraged to combine this course with a composition course that they take before, concurrently, or after the course.

HEALTH AND PHYSICAL EDUCATION

All courses are for one semester credit unless otherwise noted.

ELECTIVE PHYSICAL EDUCATION: Offered Spring 2017. HS3175 Spring

Elective Physical Education, a course based on selected standards from *Indiana's Academic Standards for Physical Education*, identifies what a student should know and be able to do as a result of a quality physical education program. The goal of a physically educated student is to maintain appropriate levels of cardio-respiratory endurance, muscular strength and endurance, flexibility, and body composition necessary for a healthy and productive life. Elective Physical Education promotes lifetime sport and recreational activities and provides an opportunity for an in-depth study in one or more specific areas. A minimum of two of the following activities should be included: team sports; dual sports activities; individual physical activities; outdoor pursuits; self-defense and martial arts; aquatics; gymnastics; and dance. This course includes the study of physical development concepts and principles of sport and exercise as well as opportunities to develop or refine skills and attitudes that promote lifelong fitness. Students have the opportunity to design and develop an appropriate personal fitness program that enables them to achieve a desired level of fitness. Ongoing assessment includes both written and performance-based skill evaluation. Individual assessments may be modified for individuals with disabilities, in addition to those with IEP's and 504 plans (e.g., chronic illnesses, temporary injuries, obesity, etc.). See 511 IAC 7-27-9, 7-27-11.

- Recommended Grade Level: 10, 11, 12
- Recommended Prerequisites: Physical Education I and II
- Credits: 1 credit per semester, maximum of 8 credits
- Counts as an Elective requirement for all diplomas
- The nature of this course allows for successive semesters of instruction provided defined proficiencies and content standards are utilized
- Classes are co-educational unless the activity involves bodily contact or groupings based on an objective standard of individual performance developed and applied without regard to gender.

HEALTH EDUCATION: HS3176 Fall/HS3176A Spring

This course provides the basis for continued methods of developing knowledge, concepts, skills, behaviors and attitudes related to student health and wellbeing. This course includes the major content areas in a planned, sequential, comprehensive health education curriculum as expressed in the Indiana Health Education Standards Guide: (1) Growth and Development; (2) Mental and Emotional Health; (3) Community and Environmental Health; (4) Nutrition; (5) Family Life; (6) Consumer Health; (7) Personal health; (8) Alcohol, Tobacco, and other Drugs; (9) Intentional and Unintentional Injury; and (10) Health Promotion and Disease Prevention.

- Required Course
- A one semester class, students take only once during high school

PHYSICAL EDUCATION I: HS1171 Fall/HS1171A Spring

Physical Education I focuses on instructional strategies through a planned, sequential, and comprehensive physical education curriculum that provides students with opportunities to actively participate in at least four of the following: team sports; dual sport activities; individual physical activities; outdoor pursuits; self-defense and martial arts; aquatics; gymnastics; and dance, all which are within the framework of lifetime physical activities and fitness. Ongoing assessment includes both written and performance-based skill evaluation. Individual assessments may be modified for individuals with disabilities, in addition to those with IEP's and 504 plans (e.g., chronic illnesses, temporary injuries, obesity, etc.). See 511 IAC 7-27-9, 7-27-11.

- Recommended Grade Level: 9, 10, 11, 12
- Required Prerequisites: Grade 8 Physical Education
- Credits: 1 semester course, 1 credit per semester, 1 credit maximum
- Fulfills part of the Physical Education requirement for all diplomas
- Classes are co-educational unless the activity involves bodily contact or groupings based on an objective standard of individual performance developed and applied without regard to gender.
- Adapted physical education must be offered, as needed, in the least restricted environment and must be based upon an individual assessment.

- As a designated laboratory course, 25% of course time must be spent in activity

PHYSICAL EDUCATION II: *HS2173A Fall/HS2173 Spring*

Physical Education II focuses on instructional strategies through a planned, sequential, and comprehensive physical education curriculum that provides students with opportunities to actively participate in four of the following areas that were not covered in Physical Education I: team sports; dual sport activities; individual physical activities; outdoor pursuits; self-defense and martial arts; aquatics; gymnastics; and dance, all which are within the framework of lifetime physical activities and fitness. Ongoing assessment includes both written and performance-based skill evaluation. Individual assessments may be modified for individuals with disabilities, in addition to those with IEP's and 504 plans (e.g., chronic illnesses, temporary injuries, obesity, etc.). See 511 IAC 7-27-9, 7-27-11.

- Recommended Grade Level: 9, 10, 11, 12
- Required Prerequisites: Physical Education I
- Credits: 1 semester course, 1 credit per semester, 1 credit maximum
- Fulfills part of the Physical Education requirement for all diplomas
- Classes are co-educational unless the activity involves bodily contact or groupings based on an objective standard of individual performance developed and applied without regard to gender.
- Adapted physical education must be offered, as needed, in the least restricted environment and must be based upon an individual assessment.
- As a designated laboratory course, 25% of course time must be spent in activity.

MATHEMATICS

All courses are for one semester credit each semester.

ALGEBRA I: *Offered 2017 - 2018. HS1150 Fall/HS2150 Spring*

Algebra I formalizes and extends the mathematics students learned in the middle grades. Algebra I is made up of 5 strands: Real Numbers and Expressions; Functions; Linear Equations, Inequalities, and Functions; Systems of Equations and Inequalities; Quadratic and Exponential Equations and Functions; and Data Analysis and Statistics. These critical areas deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. 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.

- Recommended Grade Level: 9, 10, 11, 12
- Prerequisites: none
- Credits: 2 semester course, 1 credit per semester
- Counts as a Mathematics Course for all diplomas
- Fulfills the Algebra I/Integrated Mathematics I requirement for all diplomas
- Students pursuing Core 40, Core 40 with Academics Honors, or Core 40 with Technical Honors diploma should receive credit for Algebra I by the end of Grade 9

ALGEBRA II: *Offered 2017 - 2018. HS1154 Fall/HS2154 Spring*

Algebra II builds on work with linear, quadratic, and exponential functions and allows for students to extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. Algebra II is made up of 5 strands: Complex Numbers and Expressions; Functions; Systems of Equations; Quadratic Equations and Functions; Exponential & Logarithmic Equations and Functions; Polynomial, Rational, and Other Equations and Functions; and Data Analysis, 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.

- Recommended Grade Level: 9, 10, 11, 12
- Prerequisite: Algebra I
- Credits: 2 semester course, 1 credit per semester
- Counts as a Mathematics Course for all diplomas
- Fulfills the Algebra II/Integrated Mathematics III requirement for all diplomas

CALCULUS, Advanced Placement AB: Offered 2017 - 2018. HS1152 Fall/HS2152 Spring

Calculus expands a student's knowledge of topics like functions, graphs, limits, derivatives, and integrals. Additionally, students will review algebra and functions, modeling, trigonometry, etc. Calculus is made up of five strands: Limits and Continuity; Differentiation; Applications of Derivatives; Integrals; and Applications of Integrals. 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.

- Recommended Grade Level: 11, 12
- Prerequisite: Pre-Calculus and Trigonometry
- Credits: 2 semester course, 1 credit per semester
- Counts as a Mathematics Course for all diplomas
- This course is also offered for dual credit

FINITE MATHEMATICS: Offered 2017 - 2018. HS1501 Fall / HS2501 Spring

Finite Mathematics is an umbrella of mathematical topics. It is a course designed for students who will undertake higher-level mathematics in college that may not include calculus. Finite Math is made up of five strands: Sets, Matrices, Networks, Optimization, and Probability. The skills listed in these strands indicate what students should know and be able to do in Finite Math. 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.

- Recommended Grade Level: 9, 10, 11, 12
- Prerequisite: Algebra II or Integrated Mathematics III
- Credits: 2 semester course, 1 credit per semester
- Counts as a Mathematics Course for all diplomas

GEOMETRY: Offered 2017 - 2018. HS1152 Fall/HS2152 Spring

Geometry formalizes and extends students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Five critical areas comprise the *Geometry* course: Logic and Proofs; Points, Lines, Angles, and Planes; Triangles; Quadrilaterals and Other Polygons; Circles; Transformations; and Three-dimensional Solids. 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.

- Recommended Grade Level: 9, 10, 11, 12
- Prerequisites: Algebra I
- Credits: 2 semester course, 1 credit per semester
- Counts as a Mathematics Course for all diplomas
- Fulfills the Geometry/Integrated Mathematics II requirement for the Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

MATH LAB: Offered 2017 - 2018. HS1131 Fall/HS3331 Spring

Mathematics Lab provides students with individualized instruction designed to support success in completing mathematics coursework aligned with *Indiana's Academic Standards for Mathematics*. *Mathematics Lab* is to be taken in conjunction with a Core 40 mathematics course, and the content of *Mathematics Lab* should be tightly aligned to the content of its corresponding course. *Mathematics Lab* should not be offered in conjunction with *Algebra I* or *Integrated Mathematics I*; instead, schools should offer *Algebra I Lab* or *Integrated Mathematics I Lab* to provide students with rigorous support for these courses.

- Recommended Grade Level: 9, 10, 11, 12
- Recommended Prerequisites: none

- Credits: 1 semester course, 1 credit per semester, 8 credits maximum
- Counts as an Elective (not a Mathematics course) for all diplomas

PRE-CALCULUS/TRIGONOMETRY: Offered 2017 - 2018. HS1156 Fall/HS2156 Spring

Pre-Calculus extends the foundations of algebra and functions developed in previous courses to new functions, including exponential and logarithmic functions, and to higher-level sequences and series. The course provides students with the skills and understandings that are necessary for advanced manipulation of angles and measurement. Pre-Calculus is made up of five strands: Polar Coordinates and Complex Numbers; Functions; Quadratic, Polynomial, and Rational Equations and Functions; Exponential and Logarithmic Equations and Functions; and Parametric Equations. Students will also advance their understanding of *imaginary* numbers through an investigation of complex numbers and polar coordinates. The course is designed for students who expect math to be a major component of their future college and career experiences, and as such it is designed to provide students with strong foundations for calculus and other higher-level math courses. 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.

- Recommended Grade Level: 9, 10, 11, 12
- Recommended Prerequisites: none
- Recommended Prerequisite: Algebra II and Geometry or Integrated Mathematics III
- Credits: 2 semester course, 1 credit per semester
- Counts as a Mathematics Course for all diplomas

STATISTICS, Advanced Placement: Offered 2017 - 2018. HS3334 Fall/HS3335 Spring

This two-semester course focuses on the different methods of gathering and evaluating statistical data. Students utilize the tools acquired and apply them to real life situations. Graphing calculators, spreadsheets, and statistical software to analyze data are used throughout the course. This course examines both descriptive statistics and inferential statistics. Different methods of simulation are used to simplify real life situations so students may more easily explore them. Additionally, experiment design and sampling methods will be studied with an emphasis on the importance of randomization.

- Prerequisite: Algebra II
- A Core 40, AHD and THD course
- Credits: A two credit course
- This course is offered for dual credit

MUSIC

All courses are for one semester fine arts credit unless otherwise noted.

ADVANCED CONCERT BAND: Offered 2017 - 2018. HS3188 Fall/HS3188A Spring

Advanced Concert Band is based on the Indiana Academic Standards for High School Instrumental Music. This course provides students with a balanced comprehensive study of music through the concert band, which develops skills in the psychomotor, cognitive, and affective domains. Ensemble and solo activities are designed to develop elements of musicianship including tone production, technical skills, intonation, music reading skills, listening skills, analyzing music, studying historically significant styles of literature, and integration of other applicable disciplines. Experiences include improvising, conducting, playing by ear, and sight-reading. Students develop the ability to understand and convey the composer's intent in performance of music. Time outside of the school day may be scheduled for rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and musical goals. Students are required to participate in performance opportunities outside of the school day that support and extend learning in the classroom.

- Recommended Grade Level: 10, 11, 12
- Recommended Prerequisites: Beginning and Intermediate Concert Band
- Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Counts as a Directed Elective or Elective for all diplomas
 - Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma

- Laboratory course

ADVANCED CHORUS: Offered 2017 - 2018. HS4008 Fall/HS4009 Spring

Advanced Chorus is based on the Indiana Academic Standards for High School Choral Music. Students taking Advanced Chorus develop musicianship and specific performance skills through ensemble and solo singing. This class includes the study of quality repertoire in the diverse styles of choral literature appropriate in difficulty and range for the students. Chorus classes provide opportunities for performing, creating, and responding to music. Students develop the ability to understand and convey the composer's intent in performance of music. Time outside of the school day may be scheduled for rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and musical goals. Students are required to participate in performance opportunities outside of the school day that support and extend learning in the classroom.

- Recommended Grade Level: 10, 11, 12
- Recommended Prerequisites: Beginning and Intermediate Chorus
- Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Counts as a Directed Elective or Elective for all diplomas
- Laboratory course

ADVANCED ORCHESTRA (Strings Only): Offered 2017 - 2018. HS3190 Fall/HS3190A Spring

Advanced Orchestra is based on the Indiana Academic Standards for High School Instrumental Music. Students in this ensemble are provided with a balanced comprehensive study of music through the orchestra, string and/or full orchestra, which develops skills in the psychomotor, cognitive, and affective domains. Ensemble and solo activities are designed to develop and refine elements of musicianship including tone production, technical skills, intonation, music reading skills, listening skills, analyzing music, studying historically significant styles of orchestral literature, and integration of other applicable disciplines. Experiences include improvising, conducting, playing by ear, and sight-reading. Students develop the ability to understand and convey the composer's intent in performance of music. Time outside of the school day may be scheduled for rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and musical goals. Students are required to participate in performance opportunities outside of the school day that support and extend learning in the classroom.

- Recommended Grade Level: 10, 11, 12
- Recommended Prerequisites: Beginning and Intermediate Orchestra
- Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Counts as a Directed Elective or Elective for all diplomas
- Laboratory course

MUSIC THEORY AND COMPOSITION: Offered 2017 - 2018. HS5001 Fall/HS5002 Spring

Music Theory and Composition is based on the Indiana Academic Standards for Music and standards for this specific course. Students develop skills in the analysis of music and theoretical concepts. They develop ear training and dictation skills, compose works that illustrate mastered concepts, understand harmonic structures and analysis, understand modes and scales, study a wide variety of musical styles, study traditional and nontraditional music notation and sound sources as tools for musical composition, and receive detailed instruction in other basic elements of music.

- Recommended Grade Level: 9, 10, 11, 12
- Recommended Prerequisites: none
- Credits: 1 or 2 semester course, 1 credit per semester. The nature of this course allows for two successive semesters of instruction, provided that defined standards are utilized.
- Counts as a Directed Elective or Elective for all diplomas
- Laboratory Course

PUBLICATIONS

All courses are for one semester credit. **English credit is not given for any publication course.**

JOURNALISM: Offered Spring Semester 2018. HS3218 (Dual credit option JOUR 101)

Journalism, a course based on the *Indiana Academic Standards for English/Language Arts*, is a study of news elements, journalism history, First Amendment law, ethics, fact and opinion, copy editing, news, and features as they apply to print and digital media products. It includes a comparison study of journalistic writing to other types of English writing with practical application of news, features, editorials, reviews, columns and digital media writing forms. For the second credit: Students continue to develop journalistic writing skills in addition to studying graphic design, advertising, public relations, photojournalism and emerging media development and design. By the end of the semester, students write, shoot and design stories for print and digital media products.

- Recommended Grade Level: 9, 10, 11, 12
- Recommended Prerequisites: 2 credits in English Language Arts
- Credits: 1 or 2 semester course, 1 credit per semester. Second credit may be subtitled Advanced to allow for a successive semester of instruction at an advanced level.
- Counts as an Elective for all diplomas
- English/Language Arts credit (1080): If Journalism course work addresses the Indiana Academic Standards for English/Language Arts, and the student also takes a two-credit English Advanced Placement course plus corresponding AP exams OR a two-credit English dual credit course, up to two (2) credits accrued can be counted as part of the eight (8) required English/Language Arts credits for all diplomas.

NOTE: This is not a student publications course. The designated school newspaper or yearbook course is Student Publications (1086).

PHOTOGRAPHY: Offered Fall semester 2017. FINE ARTS CREDIT. HS4003 (Dual credit option NEWS 131)

Photography is a course based on the Indiana Academic Standards for Visual Art. Students in photography engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works, creating photographs, films, and videos utilizing a variety of digital tools and dark room processes. They reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art-related careers.

- Recommended Grade Level: 10, 11, 12
- Recommended Prerequisites: Introduction to Two-Dimensional Art (L)
- Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Counts as a Directed Elective or Elective for all diplomas
- Laboratory Course

STUDENT PUBLICATIONS – YEARBOOK: Offered 2017 - 2018. FINE ARTS CREDIT. HS3222 Fall/HS3222A Spring

This is a **one-year class and students must plan to take both semesters**. This course provides practice in gathering and analyzing information, interviewing and note-taking for the purpose of writing, editing and publishing; the gathering, editing and preparation of digital images; and the design and preparation of page layouts for the high school yearbook. Advertising design and sales are also required. The publication will conform to the Associated Press Style book and Libel Manual. The concept of responsible journalism is also discussed. Students must have their own 3-megapixel cameras.

- Pre-requisite: Journalism, Photography or permission of the instructor.
- Fulfills Fine Arts credit for Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

SCIENCE

All courses are for one semester credit unless otherwise noted.

Anatomy & Physiology: Offered 2017 - 2018. HS1502 Fall/ HS2502 Spring

Anatomy & Physiology is a course in which students investigate concepts related to Health Science, with emphasis on interdependence of systems and contributions of each system to the maintenance of a healthy body. It introduces students to the cell, which is the basic structural and functional unit of all organisms, and covers tissues, integument, skeleton, muscular

and nervous systems as an integrated unit. Through instruction, including laboratory activities, students apply concepts associated with Human Anatomy & Physiology. Students will understand the structure, organization and function of the various components of the healthy body in order to apply this knowledge in all health related fields.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: Biology
- Credits: 1 semester course, 1 credit per semester, 2 credits maximum
- Counts as a Directed Elective or Elective for all diplomas
- •Fulfills a Core 40 science course requirement for all diplomas

BIOLOGY I (L): Offered 2017 - 2018. HS1163 Fall/HS2163 Spring

Biology I Biology I is a course based on the following core topics: cellular structure and function; matter cycles and energy transfer; interdependence; inheritance and variation in traits; evolution. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation by designing and conducting investigations guided by theory and by evaluating and communicating the results of those investigations according to accepted procedures.

- Recommended Grade Level: 10
- Recommended Prerequisites: none
- Credits: 2 semester course, 1 credit per semester
- Fulfills the Biology requirement for all diplomas

BIOLOGY, ADVANCED PLACEMENT (L): Offered 2017 - 2018. HS1180 Fall/HS2180 Spring

AP Biology is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. The major themes of the course include: The process of evolution drives the diversity and unity of life, Biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis, Living systems store, retrieve, transmit and respond to information essential to life processes, Biological systems interact, and these systems and their interactions possess complex properties.

- Recommended Grade Level: 11, 12
- Recommended Prerequisite: Biology I and Chemistry I
- Credits: 2 semester course, 1 credit per semester
- Counts as a Science Course for all diplomas
- Qualifies as a quantitative reasoning course

CHEMISTRY I (L): Offered 2017 - 2018. HS1165/HS2165

Chemistry I is a course based on the following core topics: properties and the states of matter; atomic structure and the periodic table; bonding and molecular structure; reactions and stoichiometry; behavior of gases; thermochemistry; solutions; acids and bases. Students enrolled in Chemistry I compare, contrast, and synthesize useful models of the structure and properties of matter and the mechanisms of its interactions. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation by designing and conducting investigations guided by theory and by evaluating and communicating the results of those investigations according to accepted procedures.

- Recommended Grade Level: 10, 11, 12
- Recommended Prerequisite: Algebra II (can be taken concurrently)
- Credits: 2 semester course, 1 credit per semester
- Counts as an Elective for all diplomas
- Fulfills a Core 40 science (physical) course requirement for all diplomas
- Qualifies as a quantitative reasoning course

EARTH AND SPACE SCIENCE (L): Offered 2017 – 2018. HS1162 Fall/HS2162 Spring

Earth and Space Science I is a course focused on the following core topics: the universe; the solar system; Earth cycles and systems; the atmosphere and hydrosphere; the solid Earth; Earth processes. Students analyze and describe earth's interconnected systems and examine how earth's materials, landforms, and continents are modified across geological time. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation by designing and conducting investigations guided by theory and by evaluating and communicating the results of those investigations according to accepted procedures.

- Recommended Grade Level: 9, 10, 11, 12

- Credits: 2 semester course, 1 credit per semester
- Counts as an Elective for all diplomas
- Fulfills a Core 40 science course requirement for all diplomas

ENVIRONMENTAL SCIENCE ADVANCED (L): Offered 2017 – 2018. HS1170 Fall/HS2170 Spring

Environmental Science is an interdisciplinary course that integrates biology, earth science, chemistry, and other disciplines. Students enrolled in this course conduct in-depth scientific studies of: environmental systems; flow of matter and energy; natural disasters; environmental policy; biodiversity; population; pollution; natural and anthropogenic resource cycles. Students formulate, design, and carry out laboratory and field investigations as an essential course component. Students completing Environmental Science, acquire the essential tools for understanding the complexities of national and global environmental systems.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: Two credits in Core 40 and AHD science coursework
- Credits: 2 semester course, 1 credit per semester
- Counts as an Elective for all diplomas
- Fulfills a Core 40 science (life) course requirement for all diplomas

INTEGRATED CHEMISTRY-PHYSICS (L): Offered 2017 - 2018. HS4027 Fall/HS4028 Spring

Integrated Chemistry-Physics is a course focused on the following core topics: constant velocity; uniform acceleration; Newton's laws of motion; energy; particle theory of matter; describing substances; representing chemical change; electricity and magnetism; waves; nuclear energy. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation by designing and conducting investigations guided by theory and by evaluating and communicating the results of those investigations according to accepted procedures

- Recommended Grade Level: 9
- Recommended Prerequisite: Algebra I (may be taken concurrently with this course)
- Credits: A two credit course
- Counts as an Elective for all diplomas
- Fulfills a Core 40 science (physical) course requirement for all diplomas

PHYSICS I (L): Offered 2017 - 2018. HS1168/HS2168

Physics I is a course focused on the following core topics: constant velocity; constant acceleration; forces; energy; linear momentum in one dimension; simple harmonic oscillating systems; mechanical waves and sound; simple circuit analysis. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation by designing and conducting investigations guided by theory and by evaluating and communicating the results of those investigations according to accepted procedures.

- Recommended Grade Level: 9, 10, 11
- Recommended Prerequisites: Algebra I or II
- Credits: 2 semester course, 1 credit per semester
- Counts as an Elective for all diplomas
- Fulfills a Core 40 science (physical) course requirement for all diplomas
- Qualifies as a quantitative reasoning course

PHYSICS B, ADVANCED PLACEMENT (L): Offered 2017 - 2018. HS1181 Fall/HS2181 Spring

Physics B, Advanced Placement is a course based on content established by the College Board that is the equivalent of a terminal, one year college physics course. AP Physics B should provide instruction in each of the content areas (1) Newtonian Mechanics (35%); (2) Fluid Mechanics and Thermal Physics (15%); (3) Electricity and Magnetism (25%); (4) Waves and Optics (15%); and (5) Atomic and Nuclear Physics (10%). A comprehensive description of this course can be found on the College Board AP Central Course Description web page at: <http://apcentral.collegeboard.com/apc/public/courses/descriptions/index.html>

- Recommended Grade Level: 12
- Recommended Prerequisite: Physics I, Pre-Calculus/Trigonometry or with permission by the Science and Counseling Departments
- Credits: A two credit course
- Counts as a Science Course for Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas
- A Career Academic Sequence or Flex Credit course

SOCIAL STUDIES

All courses are for one semester credit unless otherwise noted.

ECONOMICS: Offered Fall 2017 and Spring 2018. HS3117 Fall/HS3117A

Economics examines the allocation of resources and their uses for satisfying human needs and wants. The course analyzes economic reasoning and behaviors of consumers, producers, savers, investors, workers, voters, institutions, governments, and societies in making decisions. Students explain that because resources are limited, people must make choices and understand the role that supply, demand, prices, and profits play in a market economy. Key elements of the course include the study of scarcity and economic reasoning; supply and demand; market structures; the role of government; national economic performance; the role of financial institutions; economic stabilization; and trade.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: none
- Credits: 1 semester course, 1 credit per semester
- Counts as an Elective for all diplomas
- Fulfills the Economics requirement for the Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors and International Baccalaureate diplomas
- Fulfills a Social Studies requirement for the General Diploma only
- Qualifies as a quantitative reasoning course

SOCIOLOGY: Offered 2017 – 2018 HS3119 Fall and HS2805 Spring

Sociology allows students to study human social behavior from a group perspective. The sociological perspective is a method of studying recurring patterns in people's attitudes and actions and how these patterns vary across time, cultures, and in social settings and groups. Students describe the development of sociology as a social science and identify methods of research. Through research methods such as scientific inquiry students examine society, group behavior, and social structures. The influence of culture on group behavior is addressed through institutions such as the family, religion, education, economics, community organizations, government, and political and social groups. The impact of social groups and institutions on group and individual behavior and the changing nature of society will be examined. Influences on group behavior and social problems are included in the course. Students also analyze the role of individuals in the community and social problems in today's world.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: none
- Credits: 1 semester course, 1 credit per semester
- Counts as an Elective for all diplomas

UNITED STATES GOVERNMENT: Offered Fall 2017 and Spring 2018. HS3116 Fall/HS3116A Spring

United States Government provides a framework for understanding the purposes, principles, and practices of constitutional representative democracy in the United States. Responsible and effective participation of citizens is stressed. Students understand the nature of citizenship, politics, and governments and understand the rights and responsibilities of citizens and how these are part of local, state, and national government. Students examine how the United States Constitution protects rights and provides the structure and functions of various levels of government. How the United States interacts with other nations and the government's role in world affairs will be included. Using primary and secondary resources, students will articulate, evaluate, and defend positions on political issues. As a result, they will be able to explain the role of individuals and groups in government, politics, and civic activities and the need for civic and political engagement of citizens in the United States.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: none
- Credits: 1 semester course, 1 credit per semester
- Fulfills the Government requirement for all diplomas

UNITED STATES HISTORY: Offered 2017 - 2018. HS1114 Fall/HS2114 Spring

United States History is a two-semester course that builds upon concepts developed in previous studies of U.S. History and emphasizes national development from the late nineteenth century into the twenty-first century. After reviewing fundamental themes in the early development of the nation, students are expected to identify and review significant events, persons, and movements in the early development of the nation. The course then gives major emphasis to the interaction of key events, people, and political, economic, social, and cultural influences in national developments from the late nineteenth century through the present as they relate to life in Indiana and the United States. Students are expected to trace and analyze chronological periods and examine the significant themes and concepts in U.S. History. Students develop historical thinking and research skills and use primary and secondary sources to explore topical issues and to understand the cause for changes in the nation over time.

- Recommended Grade Level: 11
- Recommended Prerequisites: none
- Credits: 2 semester course, 1 credit per semester
- Fulfills the US History requirement for all diplomas

UNITED STATES HISTORY, ADVANCED PLACEMENT: Offered 2017 - 2018. . HS4029 Fall/HS4030 Spring

AP United States History is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. AP United States History focuses on developing students' abilities to think conceptually about U.S. history from approximately 1491 to the present and apply historical thinking skills as they learn about the past. Seven themes of equal importance — identity; peopling; politics and power; work, exchange, and technology; America in the world; environment and geography; and ideas, beliefs, and culture — provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places.

- Recommended Grade Level: 11
- Recommended Prerequisites: Cumulative GPA of 3.4 or above, and English 9 teacher recommendation, if in 10th grade; cumulative GPA of 3.4 or higher if in 11th or 12th grade. Instructor permission required if recommended without meeting GPA requirement.
- Credits: A 2 semester course, 1 credit per semester
- Fulfills the US History requirement for Core 40, AHD and THD diplomas or counts as an Elective for any diploma

WORLD HISTORY AND CIVILIZATION: Offered 2017 - 2018. HS1111 Fall/HS2111 Spring

World History is a two-semester course. It emphasizes events and developments in the past that greatly affected large numbers of people across broad areas of the earth and that significantly influenced peoples and places in subsequent eras. Some key events and developments pertain primarily to particular people and place; others, by contrast, involve transcultural interactions and exchanges between various peoples and places in different parts of the world. Students are expected to practice skills and processes of historical thinking and inquiry that involve chronological thinking, comprehension, analysis and interpretation, research, issues-analysis, and decision-making. They are expected to compare and contrast events and developments involving diverse peoples and civilizations in different regions of the world. Students are expected to examine examples of continuity and change, universality and particularity, and unity and diversity among various peoples and cultures from the past to the present. Finally, students are expected to apply content knowledge to the practice of thinking and inquiry skills and processes. There should be continuous and pervasive interactions of processes and content, skills and substance, in the teaching and learning of history.

- Recommended Grade Level: 10
- This is a required course; two semesters are required for graduation.
- Recommended for juniors.
- A Core 40, AHD and THD course

WORLD LANGUAGE

All world language courses are full year sequences and are for one semester credit each semester.

SPANISH I: Offered 2017 - 2018. HS1130 Fall/HS2130 Spring

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 basic requests and questions, understand and use appropriate greetings and forms of address, participate in brief guided 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 perspectives of Spanish-speaking culture; recognize basic routine practices of the target culture; and recognize and use 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 Grade Level: 9, 10, 11, 12
- Recommended Prerequisites: none
- Credits: 2 semester course, 1 credit per semester
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills a World Language requirement for the Core 40 with Academic Honors diploma

SPANISH II: Offered 2017 - 2018. *HS1132 Fall/HS2132 Spring*

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 Grade Level: 9, 10, 11, 12
- Required Prerequisites: Spanish I
- Credits: 2 semester course, 1 credit per semester
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills a World Language requirement for the Core 40 with Academic Honors diploma

SPANISH III: Offered 2017 - 2018. *HS1134 Fall/HS2134 Spring*

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 the application of understanding Spanish language and culture outside of the classroom.

- Recommended Grade Level: 9, 10, 11, 12
- Required Prerequisites: Spanish I and II
- Credits: 2 semester course, 1 credit per semester
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills a World Language requirement for the Core 40 with Academic Honors diploma

SPANISH LANGUAGE, Advanced Placement: *Offered 2017 - 2018.* *HS4019 Fall/HS4020 Spring*

This is a superior level course that is designed for students who have a strong desire to maximize their Spanish language communicative skills (speaking, listening, reading and writing), deepen their cultural knowledge, successfully complete the Spanish Language Advanced Placement Examination and ultimately reach bilingualism.

Advanced Placement Spanish uses a multi-media approach, which includes but is not limited to authentic films, internet, pod casts, classic and modern works of literature, *telenovelas* in the target language w/out subtitles, magazines, CD's, downloads from iTunes, and DVD's. The course comprises of a comprehensive review of grammatical structures and concepts, conversation tables, the study and practice of essay writing and the translation, analysis and discussion of authentic language text/materials in order to enable students to succeed in attaining a high level of language competency/proficiency on the Spanish Language Advanced Placement Exam. Spanish is the exclusive language of the classroom, and therefore students are always expected to express themselves using the target language to all members of the class and especially when speaking to the instructor, unless the instructor has given the students permission to use the native language.

The goal of this course is for students to attain a high level of proficiency in the four linguistic skills (speaking, listening, reading and writing), succeed on the Spanish Language Advanced Placement Exam and ultimately become bilingual. By the end of this course students should be able to communicate in all communicative modes (interpersonal, interpretive and presentational) at the level of a proficient student enrolled in a 3rd-year Spanish language college course. All four-language skills are practiced every day through the context of the themes and functions evident in the daily classroom Spanish conversation and discussion, daily journal entries, authentic materials presented by students, various Spanish textbooks, Spanish AP® Text, Advanced Spanish Reader, various literary works, authentic texts and films, Spanish AP® practice tests and studies, and other supplemental texts and materials. This course is conducted exclusively in Spanish.

Upon successful completion of the course, students are expected to take the Spanish Language Advanced Placement Exam if the exam can be administered to the student free of charge.

Within this context, the course provides students with opportunities to:

- partake in informal discussions;
- present information to a group of students, and teach parts of class;
- interview others;
- converse and debate;
- give professional reports;
- participate in literature discussions;
- listen to a variety of authentic spoken language;
- listen for certain vocabulary words and grammatical structures and concepts;
- listen to a variety of native speakers from different countries (understanding different accents);
- interpret spoken script from Spanish to English and English to Spanish;
- partake in both discussions and conversations that require both listening and speaking;
- complete a variety of writings;
- respond to factual and interpretive questions, interact in complex social situations, and express opinions and make judgments;
- give presentations on cultural topics including: (1) traditions, (2) historical and contemporary events, and (3) major historical and artistic figures;
- paraphrase or restate what someone else has said;
- read for comprehension from a variety of longer authentic materials, such as newspapers and magazine articles, novels, and essays, as well as make judgments about what is read;
- write well-organized compositions on a given topic;
- be aware of the relationship between various art forms in at least one major historical period;
- be aware of the major literary, musical, and artistic periods and genres of at least one of the cultures in which Spanish is spoken; and
- be able to adjust speech appropriate to the situation and audience

- **Prerequisites: Successful completion of Spanish I, Spanish II, and Spanish III**
- A Core 40, AHD, and THD course
- A two credit course based on Indiana's Academic Standards for AP® World Languages
- Enrollment in second semester is contingent upon the successful completion of the previous semester, or by instructor permission.

Other Electives

AP COMPUTER SCIENCE A: Offered 2017-2018 HS1812 Fall / HS2812 Spring

AP Computer Science A is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. *AP Computer Science A* is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for

developing solutions that can scale up from small, simple problems to large, complex problems. The curriculum for *AP Computer Science A* is compatible with many CS1 courses in colleges and universities.

- Recommended Grade Level: 11, 12
- Prerequisite: Algebra II
- Credits: 2 semester course, 1 credit per semester
- Counts as an Mathematics or Elective for all diplomas
- Qualifies as a quantitative reasoning course

COMPUTER SCIENCE PRINCIPLES, AP: Offered 2017 - 2018 HS1702 Fall / HS2702 Spring

The *AP Computer Science Principles* course will introduce you to the essential ideas of computer science and show how computing and technology can influence the world around you. Students will creatively address real-world issues and concerns while using the same processes and tools as artists, writers, computer scientists, and engineers to bring ideas to life. The course is not intended to be used as a dual credit course.

- Recommended Grade Level: 11, 12
- Recommended Prerequisite: Algebra II
- Credits: 2 semester course, 1 credit per semester
- Counts as a quantitative reasoning course

THEATRE ARTS: Offered Fall 2017. HS2701

Theatre Arts is based on the Indiana Academic Standards for Theatre. Students enrolled in Theatre Arts read and analyze plays, create scripts and theatre pieces, conceive scenic designs, and develop acting skills. These activities incorporate elements of theatre history, culture, analysis, response, creative process, and integrated studies. Additionally, students explore career opportunities in the theatre, attend and critique theatrical productions, and recognize the responsibilities and the importance of individual theatre patrons in their community.

- Recommended Grade Level: 9, 10, 11, 12
- Recommended Prerequisites: none
- Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Counts as a Directed Elective or Elective for all diplomas
- Laboratory Course

ADVANCED ACTING: Offered Spring 2018. HS2703

Advanced Acting is based on the Indiana Academic Standards for Theatre. Students enrolled in Advanced Acting research, create, and perform characters through script analysis, observation, collaboration and rehearsal. These activities should incorporate elements of theatre history, culture, analysis, response, creative process and integrated studies. Additionally, students explore career opportunities in the theatre by attending plays, meeting actors and discussing their work, and becoming theatre patrons in their community.

- Recommended Grade Level: 10, 11, 12
- Recommended Prerequisites: Theatre Arts
- Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Counts as a Directed Elective or Elective for all diplomas
- Laboratory Course