



2018—2019

School Year

Course Description Booklet

Grades 9-12



Mr. Chris Mauk

NHS Principal

Dear Student:

This course description booklet has been developed by the school corporation with the help of the Northview High School faculty, staff, and administration to ensure that all graduation requirements are fulfilled and that all students' courses coincide with their career choices. Decisions concerning the academic program you pursue are among the most important choices you will make in the near future. This booklet will provide you information to plan your course schedule, study graduation requirements, view descriptions of courses, and comprehend the academic honors diploma and many more topics.

It is important that you and your parents plan your high school course of study so that you will receive the maximum benefits from the curriculum. It will be desirable for you, along with your parents' assistance, to develop both short and long-range goals that will assist you in your future endeavors. One should decide what career will be sought after graduation and how he/she can contribute to society.

Please use this guide wisely and seek additional information that will supplement this material. I extend our best wishes for an exciting voyage through Northview High School.

Sincerely,

Chris Mauk
Principal

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PLAN OF INSTRUCTION

Clay Community Schools offers a comprehensive high school program with a curriculum designed to allow students to complete requirements for graduation as prescribed by the State Department of Education as well as prepare for entry to post-secondary institutions, vocational education, and entry-level employment skills. Students should give serious consideration to the planning of a full four-year program prior to entering grade nine. This program plan may need modification as the student progresses in his or her high school career. Specific class choices within a field of study may not be certain, but plans to take course work in that field may be determined. For example, a student may plan for enrollment in Chemistry II, but decide later that Physics is more appropriate. Students should carefully review their four-year plans each year during pre-enrollment.

The handbook is designed to aid incoming freshmen as well as upperclassmen in careful program planning. Statements of policies and procedures as well as the information about curricula should be studied and referred to during the pre-enrollment process. Students should preview course offerings available and those required for all four years of their high school career. All courses in this booklet are offered; however, only those courses having sufficient enrollment will be taught.

Students will participate in a seven-period day. When planning courses for any particular year, carefully note whether they are full year courses or only a semester in length. Students may not begin the second semester of a full year course unless they have completed the first semester.

It is in the best interest of students to make conscious, responsible decisions. Do not rely on luck.

TERM DEFINITION

Audit: A course that is taken for no grade or credit. Textbook rental and fees are charged as with other classes. The course will appear on the transcript as an audit.

Career Academic Sequence: Selection of electives in a deliberate manner that allows students to take full advantage of career exploration and preparation opportunities.

Career & Course Plan (Curricular Program): Systematic arrangement of all courses over the four years of high school to meet a definite objective or goal.

Credit: A term indicating that a pupil has successfully completed a class which meets one period per day, five days per week, for one semester.

Elective: A class, not required, that a student may choose to study.

Pre-enrollment: The indication by each pupil of the classes one proposes to attend for the upcoming year. Pre-enrollment occurs during the spring semester and allows the school to plan the school program for the following year.

Prerequisite: A course that must be completed with credit prior to enrollment in another course.

Required course: A class, required by the State of Indiana or the local school corporation, to be successfully completed by all students.

GENERAL DIPLOMA

The completion of Core 40 is an Indiana graduation requirement. Indiana’s Core 40 curriculum provides the academic foundation all students need to succeed in college and the workforce.

To graduate with less than Core 40, the following formal opt-out process must be completed:

- The student, the student’s parent/guardian, and the student’s counselor (or other staff member who assists students in course selection) must meet to discuss the student’s progress.
- The student’s Graduation Plan (including four year course plan) is reviewed.
- The student’s parent/guardian determines whether the student will achieve greater educational benefits by completing the general curriculum or the Core 40 curriculum.
- If the decision is made to opt-out of Core 40, the student is required to complete the course and credit requirements for a general diploma and the career/academic sequence the student will pursue is determined.

Course and Credit Requirements

English/Language Arts	8 credits in literature, composition and speech
Mathematics	4 credits (2 credits Algebra I and 2 credits any math course) <i>General diploma students are required to earn 2 credits in a Math or a Quantitative Reasoning (QR) course during their junior or senior year. QR courses do not count as math credits.</i>
Science	4 credits (2 credits Biology I, 2 credits any science course) <i>At least one credit must be from a Physical Science or Earth and Space Science course</i>
Social Studies	4 credits (2 credits US History, 1 credit US Govt., 1 credit Economics)
Physical Education	2 credits
Health and Wellness	1 credit (<i>There is a Family Consumer Science alternative for the health requirement. Please refer to page 34</i>)
Career and Technical Education Required Courses	1 credit Digital Applications and Responsibility (formerly Information Communications and Technology-ICT) 1 credit Preparing for College and Careers 1 credit Personal Financial Responsibility
Career Academic Sequence	6 credits (Selecting electives in a deliberate manner to take full Advantage of career exploration and preparation opportunities)
Flex Credit	5 credits To earn the 5 Flex Credits a student must complete one of the following: <ul style="list-style-type: none"> ▪ Additional courses to extend the career-academic sequence. ▪ Courses involving workplace learning, which may include the following courses: Career exploration internship, career planning and success skills (internship), business cooperative experiences, cooperative family and consumer sciences, industrial cooperative education, interdisciplinary cooperative education, marketing field experience. ▪ Advanced career-technical education, college credit ▪ Additional courses in: language arts, social studies, mathematics, science, world languages, fine arts
Electives	11 credits
Total: 48 Credits	

INDIANA CORE 40 DIPLOMAS

Subject Area	Core 40 Diploma	Core 40 with Academic Honors	Core 40 with Technical Honors
English/LA	8 credits	8 credits	8 credits
	Literature, Composition, Speech	Literature, Composition, Speech	Literature, Composition, Speech
Mathematics	6 – 8 credits	8 credits	6-8 credits
	Algebra I, Geometry, Algebra II, <i>Students must earn 6 math credits in grades 9-12 and must take a math or quantitative reasoning course each year in high school</i>	2 credits each in Algebra I, Geometry, Algebra II, and 2 additional Core 40 Math Credits <i>Students must earn 6 math credits in grades 9-12 and must take a math or quantitative reasoning course each year in high school</i>	Algebra I, Geometry, Algebra II, <i>Students must earn 6 math credits in grades 9-12 and must take a math or quantitative reasoning course each year in high school</i>
Science	6 credits	6 credits	6 credits
	2 credits Biology; 2 credits Chemistry, or Physics, or Integrated Chemistry/Physics; 2 additional credits from any Core 40 science course	2 credits Biology, 2 credits from one of the following: Integrated Chemistry/Physics, Chemistry, or Physics; and 2 more credits from any Core 40 science course.	6 credits in laboratory science from the following: 2 Biology; 2 Chemistry, or Physics, or Integrated Chemistry/Physics; 2 additional credits from any Core 40 science course
Social Studies	6 credits	6 credits	6 credits
	2 credits U.S. History; 1 credit U.S. Government; 1 credit Economics 2 credits World History or Geography and History of the World	2 credits U.S. History, 1 credit U.S. Government, 1 credit Economics, and 2 credits of either World History/Civilization or Geography/History of the World.	6 credits distributed as follows: 2 credits U.S. History, 1 credit U.S. Government, 1 credit Economics, and 2 credits of either World History/Civilization or Geography/History of the World.
Physical Education	2 credits	2 credits	2 credits
Health & Wellness	1 credit	1 credit	1 credit
	<i>There is a Family Consumer Science alternative for the health requirement</i>	<i>There is a Family Consumer Science alternative for the health requirement</i>	<i>There is a Family Consumer Science alternative for the health requirement</i>
Local Requirement	3 credits	3 credits	3 credits
Required Courses	1 credit Digital Applications and Responsibility (formerly Information Communications and Technology-ICT) 1 credit Preparing for College and Careers 1 credit Personal Financial Responsibility	1 credit Digital Applications and Responsibility (formerly Information Communications and Technology-ICT) 1 credit Preparing for College and Careers 1 credit Personal Financial Responsibility	1 credit Digital Applications and Responsibility (formerly Information Communications and Technology-ICT) 1 credit Preparing for College and Careers 1 credit Personal Financial Responsibility
World Language		6-8 credits	
		Either 6 credits in one language or 4 credits each in two different languages	
Fine Arts		2 credits	
		Any course in art, music, dance, or theatre arts	
Directed Electives	5 credits		5 credits
	World Languages, Fine Arts, and/or Career/Technical		World Languages, Fine Arts, and/or Career/Technical
Electives	9-11 credits	8-10 credits	13-15 credits
	Career academic sequence recommended	Career Academic Sequence Recommended	Career Academic Sequence Recommended
TOTAL 2018	48 credits	52 credits	52 credits
Additional Requirements		C or above in courses that will count toward the diploma: GPA of 3.0 or above; complete <u>one</u> of the following: A) Earn 4 credits in 2 or more AP courses and take corresponding AP exams B) Earn 6 verifiable transcribed college credits in dual credit courses from priority course list C) Earn <u>two</u> of the following: 1.) Minimum of 3 verifiable transcribed college credits from the priority course list .2.) 2 credits in AP courses and corresponding AP exams. D) Earn a combined score of 1750 or higher on SAT critical reading, mathematics and writing sections and a minimum score of 530 on each E) Earn an ACT composite of 26 or higher and complete written section	C or above in courses that will count toward the diploma: GPA of 3.0 or above; complete <u>one</u> of the following, A) Any one option (A-E) of Core 40 w/Academic Honors B) Earn the following scores or higher on WorkKeys; Reading for Information-6, Applied Mathematics-6, and Locating Information-5 C) Earn the following minimum score(s) on Accuplacer; Writing 80, Reading 90, Math 75 D) Earn the following minimum score(s) on Compass; Algebra 66, Writing 70, Reading 80

VALEDICTORIAN AND SALUTATORIAN

The valedictorian and the salutatorian shall be determined based on seven semesters' work and upon meeting the requirements to earn an Academic Honors diploma. Only Students earning a Core 40 with Academic Honors will meet the requirement to be recognized as valedictorian and salutatorian.

ADVANCED PLACEMENT PROGRAM

The Advanced Placement (AP) Program is a cooperative educational endeavor between secondary schools and colleges and universities. It allows high school students to undertake college-level academic learning in AP courses, and gives them the opportunity to show that they have mastered the advanced material by taking AP exams. Students can receive credit, advanced placement, or both from thousands of colleges and universities that participate in the Advanced Placement Program.

AP courses make substantial academic demands on students. Students are required to do outside reading and other assignments and to demonstrate the analytical skills and writing abilities expected of first-year students in a strong college program. This experience helps students develop the intellectual skills and self-discipline they will need in college. For these motivated students, AP can also reduce college costs and time to obtain a degree.

Northview High School currently offers Pre-AP courses in English, mathematics, science and social studies are in place to help students acquire the academic skills necessary for success in AP courses. Additionally, we offer Advanced Placement courses in Language and Composition, European History, US History, Psychology, Calculus, Statistics, Biology, Chemistry, and Physics. Please see your guidance counselor if you are interested in any of these opportunities.

COURSES WITH POTENTIAL DUAL CREDIT AVAILABILITY

A variety of courses are available for college credit through post-secondary institutions such as ISU, Ivy Tech, Vincennes University, IU, Rose-Hulman and Ball State University. Please see your guidance counselor if you are interested in any of these opportunities.

AGRICULTURAL SCIENCE & BUSINESS	ART
Natural Resource Management Animal Science Plant & Soil Science	Visual Communication Digital Design
BUSINESS TECHNOLOGY EDUCATION	ENGLISH / LANGUAGE ARTS
Advanced Digital Applications and Responsibility Principles of Business Management Administrative and Office Management Computer Science I Computer Science II: Programming Principles of Marketing Web Design Interactive Media	Language and Composition, Advanced Placement Composition English 12 Advanced Speech and Communication
	ENGINEERING TECHNOLOGY EDUCATION
	Introduction to Engineering Design Introduction to Advanced Manufacturing and Logistics Design Fundamentals
FAMILY & CONSUMER SCIENCE	MATHEMATICS
Introduction to Teaching Fashion & Textiles I & II Culinary Arts and Hospitality Management	Advanced Mathematics-College Credit-College Algebra Pre-AP Pre-Calculus/Trigonometry Calculus AB, Advanced Placement Advanced Mathematics-College Credit-Trigonometry
SCIENCE	SOCIAL STUDIES
Anatomy and Physiology Biology II, General Chemistry II	World History/Civilization World History/Civilization, Pre-AP United States History: The Twentieth Century United States History: Advanced Placement
VOCATIONAL PROGRAMS	WORLD LANGUAGES
Automotive Services Technology, Level I Automotive Services Technology, Level II Building Trades Technology, Level I Building Trades Technology, Level II Vocational Health Careers, Level I Vocational Health Careers, Level II	German I German II German III German IV Spanish I Spanish II Spanish III Spanish IV

GENERAL INFORMATION

Parents and students in Clay Community Schools should note the following recommendations of school administrators, staff and counselors:

Vocational programs are usually two-year and possibly three-year programs. A student enrolling in these programs is expected to complete the entire program. Students will be dropped from the program only at the request of the instructor and/or counselor after a careful evaluation of the student's academic needs.

Career and Technology Education (CTE) is a course of study designed to meet the need for high school graduates to have more career and technically oriented educational backgrounds. This coursework is application-based, or hands-on, and challenging.

Students attaining less than a C- average in a course should carefully consider proceeding to the next level in that course work. For example, a student attaining less than a C- average in Algebra II should probably not enroll in Pre-calculus. Exceptions to this statement do occur, and require thorough counseling and serious thought. Students may successfully combine academic and technological classes if there is careful planning for this option. One would expect capable students to enter challenging courses, which require academic or applied background in English, mathematics and science.

Students with a "late" start in accomplishing skills necessary for entrance into more demanding courses may make the decision to attain those skills and enroll at a later date. The prerequisite skill considerations should not be abandoned. Students with limited knowledge may obtain an education suitable for entry-level employment opportunities. Curriculum requirements may be modified to meet individual needs. All students will be placed in the most appropriate class section possible. Students and parents will be given recommendations by the teaching staff and counselor of the best possible course selections. However, the uniqueness of each student prevents certainty such a program will exactly match the student's needs. Likewise, many dedicated students can make any program a success.

Students will be best prepared if they always strive to achieve their maximum level after enrolling in a course. Even a student with an "A" average in math, and the ability to score in the 90th percentile should study for each math class in order to be prepared to continue to the next level of difficulty.

While many students may not be certain of what they want to do in the future, they may have one or several areas of interest. The wise student plans a program carefully, but at the same time, "keeps their options open."

Students participating in athletics or other time-consuming activities are reminded of the demands such opportunities place on their time and are advised that consideration of a study hall may help in class selection and scheduling.

Student athletes who may have questions regarding NCAA eligibility and appropriate course selection should consult the athletic liaison counselor.

Students who do not wish to earn credit for a course may choose to audit a course if space is available. Audited courses must have Guidance Directors approval. Audit students become a part of the regular class roster for a course, and all course requirements must be completed. The student's transcript will reflect the course taken, but no grade will be given nor will the student receive credit toward graduation.

EARLY GRADUATION

Mid-year graduates are to comply with the following policies:

1. He/she must enroll in one (1) semester classes only during the seventh semester. Exceptions must be approved by the counselor.
2. He/she may enroll in full year vocational classes during seventh semester only if seats are available after full year students' requests are met.
3. He/she must be approved for mid-year graduation at pre-enrollment time in the spring. Emergency situations will be handled on an individual basis.

Clay Community Schools Request for Graduation PRIOR to Seven Semesters

In reference to IAC 20-36-5-2, a school may waive the seven semester requirement. Accordingly, the CCSC Board will consider waivers of the seven semester requirement for high school graduation provided the student has satisfactorily completed the requirements for graduation set forth by the Indiana Department of Education and Clay Community Schools. In order to request consideration of a seven semester graduation waiver, one of the following circumstances must exist:

- 1.) failure to waive the requirement would effectively prevent the student from graduating high school;
or
- 2.) the waiver is for the purpose of enrolling in **an** accredited postsecondary educational institution, and the student has been accepted for enrollment; or
- 3.) the waiver is for the purpose of furthering the student's education through military enlistment and the student has an enlistment contract that contains an educational component.
In order to be eligible for early graduation, a student must have accrued the necessary credits for graduation and an Academic Honors Diploma by one of the following methods:
 - 1.) Receiving a score that demonstrates proficiency on a standardized assessment of academic or subject area competence that is accepted by a post-secondary educational institution. Receiving a high proficiency score on **an** End of Course Assessment for a course without taking the course.
 - 2.) Successfully completing a similar course at an eligible institution under the postsecondary enrollment program under IC 21-43-4.
 - 3.) Receiving a three (3), four (4), or five (5) on **an** advanced placement examination for a course or subject area.
 - 4.) Other methods approved by the state board.

A student requesting to graduate earlier than the seventh semester must submit his/her request in writing to the building principal on the appropriate form and the student and his/her parents shall be required to meet with the building principal. The decision of the principal to deny a request for an early graduation waiver prior to seven semesters may be appealed to the superintendent, and a decision of the superintendent to deny a request for **an early graduation waiver may be appealed to the Board of Education. Local decisions on requests for waivers will be documented. **Students must complete the seven semesters to be included in class ranking or consideration for valedictorian/salutatorian designation.** A student who receives a waiver for early graduation may participate in commencement **within the school year in which his/her diploma is granted**, providing that they indicate that intention in writing to the principal. Students must meet or exceed all Clay Community Schools and the State of Indiana requirements of the program in order to receive credit or to be counted toward graduation.**

CLAY COMMUNITY SCHOOLS REQUEST FOR SEVEN SEMESTER GRADUATION

Clay Community Schools and the Board of Education do not encourage students to attempt to complete their high school course of study in less than eight semesters. Indiana Code (511-IAC 6-7.1-3) states that a student shall attend at least seven semesters in grades 9 through 12. Students planning to **graduate with seven semesters** must notify their guidance counselor and complete a request for waiver no later than **July 1st** before the seventh semester. A decision by the principal to deny a request for waiver may be appealed to the superintendent, and a decision of the superintendent to deny a request for waiver may be appealed to the governing body of the school corporation. In order to request consideration of a seven semester graduation waiver, one of the following circumstances must exist:

- 1.) failure to waive the requirement would effectively prevent the student from graduating high school; or
- 2.) the waiver is for the purpose of enrolling in an accredited postsecondary educational institution, and the student has been accepted for enrollment; or
- 3.) the waiver is for the purpose of furthering the student's education through military enlistment and the student has an enlistment contract that contains an educational component.

Students completing seven semesters will be permitted to participate in commencement, providing that they indicate that intention in writing to the principal no later than their last day in attendance in the seventh semester.

Students must meet or exceed all Clay Community Schools and the State of Indiana requirements of the program in order to receive credit to be counted toward graduation.

CHANGES IN PRE-ENROLLED CLASS SELECTIONS

The course offerings are based upon student requests during pre-enrollment. Therefore, it is necessary for students to determine their class choices with commitment to completion of those classes. **THERE WILL BE NO SCHEDULE CHANGES TO ACCOMMODATE A STUDENT'S CHOICE OF INSTRUCTOR.** Arrangement of a student's classes within the school day may be changed by the guidance department to obtain balanced class sizes. When analyzing pre-enrollment forms, alternate classes will be used if: (1) an original class choice is not available due to insufficient enrollment; (2) the student has selected two classes which are offered only once in the school day and both are offered in the same time period; or (3) no seats are available due to the number of requests.

ADDING AND DROPPING COURSES

Any changes in class schedules will be strongly discouraged. Students will NOT be permitted to switch credit generating classes after the last day of the school year in which they registered for next year's courses. Students who have a pre-enrolled study hall or who want to enroll in a more academically challenging course may make a request to add a class within the first ten school days of a semester if there is seat availability in the requested class. Students may not drop a class unless he/she is failing or has the teacher's recommendation. Students who request to drop a course must do so within the first ten school days of a semester and maintain the proper number of credit generating classes in their program of study. Any class dropped after ten days into a semester will result in a W/F (withdrawal/failure) recorded on the permanent record. The W/F is counted as an "F" in computing grade-point average and in determining extra-curricular eligibility.

CORRESPONDENCE CREDIT

A student desiring to complete coursework by correspondence should give this choice careful thought and discuss this option with a counselor. The high school guidance director must give prior written approval for the acceptance of correspondence credit toward graduation requirements. A maximum of twelve credits from a state accredited school taken through correspondence/evening school may be applied toward graduation.

A student may be enrolled in a maximum of 8 credit generating classes at any given time unless approval is received from the Guidance Director. Application for a waiver of this rule will only be considered after completion of the seventh semester. It is recommended that students enroll in no more than two correspondence classes at a given time. Likewise, it is recommended that a correspondence credit be completed during one high school semester. Therefore, if a student enrolls in a correspondence class in October, every attempt should be made to complete that course by the end of the first semester.

Students will not be permitted to take a required course by correspondence unless prior approval is granted by the counselor. They must have previously failed the course or it was unavailable.

APEX

APEX is a high school on-line courseware system that is used by students for remediation, test preparation, or to gain high school credit prior to graduation. Students work individually on the computers but can be assisted as needed by certified teachers, instructional assistants, and student tutors. A course fee will be charged for enrollment in each APEX course.

Students interested in taking APEX courses should contact their guidance counselor for more information.

PREREQUISITES

As you plan and review courses for scheduling, please note any required prerequisites identified above the explanation of the course in the course description. For example, requirements include successful completion of at least one semester of English 9 for English 10 and at least three semesters of English for English 11. Successful completion of at least 5 semesters of English for English 12 classes is recommended.

RETKING COURSES

If seating in the classroom is available, a student may petition through his/her counselor for the opportunity to repeat any coursework in which the student has earned a semester grade of "C-" or less and have placed on the permanent transcript the higher grade earned. In addition, for classes taken in Middle School for High School credit, if seating in the classroom is available, a parent/legal guardian may petition through the student's counselor for the opportunity to repeat any coursework in which the student has earned a semester grade of "C-" or higher and have placed on the permanent transcript the higher grade earned, so long as the class is taken in consecutive years (i.e. 8th grade year and 9th grade year). The lower grade will be expunged from the record. Additional credit will not be accumulated through this process. A student who has received a grade of "F" in a required course must repeat that course and the "F" grade will be expunged when a higher grade is earned.

TRANSFER STUDENTS - ENROLLMENT

Students transferring to Clay Community Schools are to obtain permission for admission from the principal. Class selection, health forms, and other tasks are to be completed by the guidance department. Students removed for disciplinary reasons from another high school will be denied admission to Clay Community Schools during the semester in which the disciplinary action occurred.

TRANSFER STUDENTS - CREDITS

Clay Community Schools will evaluate and accept credits of students transferring based on the following policy:

1. If the transferring student attended a school approved/accredited by that particular state's department of public instruction, coursework will be accepted at face value if those courses are approved curriculum offerings.
2. If the transferring student attended a school not approved/accredited by that particular state's department of public instruction, coursework will not be accepted at face value. Clay Community Schools will evaluate such classwork and determine placement of the student.

PERMANENT RECORD MAINTENANCE

Each student shall have a copy of his coursework permanent record maintained by the guidance department. That record shall indicate all courses in which the student was enrolled as of five days following the beginning of each semester. All withdrawals will be recorded on the record.

Students expelled during a semester will have the notation "withdrawn" placed in the area for grades during the semester in which the expulsion occurs. The guidance secretary will maintain permanent records as directed by the Director of Guidance. Copies of records will be released accordingly through the Family Rights and Privacy Acts.

AGRICULTURAL SCIENCE AND BUSINESS

Introduction to Agriculture, Food, and Natural Resources

<p>Grade Level: 9-12 Course # 5056 Length: Full Year Credits: Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas Prerequisite: None</p>	<p><i>Introduction to Agriculture, Food and Natural Resources</i> is a two semester course that is highly recommended as a prerequisite to and a foundation for all other agricultural classes. The nature of this course is to provide students with an introduction to the fundamentals of agricultural science and business. Topics to be covered include: animal science, plant and soil science, food science, horticultural science, agricultural business management, landscape management, natural resources, agriculture power, structure, and technology, careers in agriculture, leadership, and supervised agricultural experience. An activity and project based approach is used along with team building to enhance the effectiveness of the student learning activities related to human development and wellness.</p>
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Natural Resource Management

<p>Grade Level: 9-12 Course #: 5180 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors Dual Credit Availability Prerequisite: None</p>	<p><i>Natural Resources</i> is a two semester course that provides students with a background in natural resources. Hands-on learning activities encourage students to investigate areas of environmental concern. Students are introduced to the following areas of natural resources: soils, the water cycle, air quality, outdoor recreation, forestry, rangelands, wetlands, animal wildlife, safety, careers, leadership, and supervised agricultural experience programs.</p>
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Agribusiness Management

<p>Grade Level: 10-12 Course #: 5002 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40 with Academic Honors, Core 40 with Technical Honors Prerequisite: Recommended Introduction to Agriculture, Food, and Natural Resources</p>	<p><i>Agribusiness Management</i> provides foundation concepts in agricultural business. It is a two semester course that introduces students to the principles of business organization and management from a local and global perspective, with the utilization of technology. Concepts covered in the course include; food and fiber, forms of business, finance, marketing, management, sales, careers, leadership development, and supervised agriculture experience programs.</p>
<p><i>Qualifies as a quantitative reasoning course</i></p>	

Agriculture Power, Structure and Technology

(Course will not be offered school year 2018-2019 @ NHS)

<p>Grade Level: 10-12 Course #: 5088 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: Recommended Introduction to Agriculture, Food, and Natural Resources</p>	<p><i>Agriculture Power, Structure and Technology</i> is a two semester, lab intensive course in which students develop an understanding of basic principles of selection, operation, maintenance, and management of agricultural equipment in concert with the utilization of technology. Topics covered include: safety, electricity, plumbing, concrete, carpentry, metal technology, engines, emerging technologies, leadership development, supervised agricultural experience, and career opportunities in the area of agriculture power, structure, and technology.</p>
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Horticulture Science

(Course will not be offered school year 2018-2019 @ NHS)

<p>Grade Level: 10-12 Course #: 5132 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: Recommended Introduction to Agriculture, Food, and Natural Resources</p>	<p><i>Horticulture Science</i> is a two semester course designed to give students a background in the field of horticulture and its many career opportunities. It addresses the biology and technology involved in the production, processing, and marketing of horticultural plants and products. Topics covered include: reproduction and propagation of plants, plant growth, growth media, management practices for field and greenhouse production, marketing concepts, production of plants of local interest, and pest management. Students participate in a variety of activities including extensive laboratory work usually in a school greenhouse.</p>
<p><i>Fulfills a Life Science or Physical Science requirement for the General Diploma</i></p>	

Food Science

(Course will not be offered school year 2018-2019 @ NHS)

<p>Grade Level: 10-12 Course #: 5102 Length: Full Year Credits: Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas</p> <p>Prerequisite: Recommended Introduction to Agriculture, Food, and Natural Resources</p>	<p><i>Food Science</i> is a two semester course that provides students with an overview of food science and its importance. Introduction to principles of food processing, food chemistry and physics, nutrition, food microbiology, preservation, packaging and labeling, food commodities, food regulations, issues and careers in the food science industry help students understand the role that food science plays in the securing of a safe, nutritious, and adequate food supply. A project-based approach is utilized along with laboratory, team building, and problem solving activities to enhance student learning.</p>
<p><i>Fulfills a Life Science or Physical Science requirement for the General Diploma</i></p>	

Animal Science

<p>Grade Level: 10-12 Course #: 5008 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Recommended Introduction to Agriculture, Food, and Natural Resources</p>	<p><i>Animal Science</i> is a two semester program that provides students with an overview of the field of animal science. Students participate in a large variety of activities and laboratory work including real and simulated animal science experiences and projects. All areas that the students study can be applied to both large and small animals. Topics to be addressed include: anatomy and physiology, genetics, reproduction; nutrition, careers in animal science, common diseases and parasites, social and political issues related to the industry, and management practices for the care and maintenance of animals.</p>
<p><i>Fulfills a Life Science or Physical Science requirement for the General Diploma</i></p>	

Landscape Management 1

(Course will not be offered school year 2018-2019 @ NHS)

<p>Grade Level: 9-12 Course #: 5136 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas</p> <p>Prerequisite: None</p>	<p><i>Landscape Management</i> is a one semester course that provides the student with an overview of the many career opportunities in the diverse field of landscape management. Students are introduced to the procedures used in the planning and design of a landscape using current technology practices, the principles and procedures involved with landscape construction, the determination of maintenance schedules, communications and management skills necessary in landscaping operations, and the care and use of equipment utilized by landscapers.</p>
<p><i>Qualifies as a quantitative reasoning course</i></p>	

Plant and Soil Science

<p>Grade Level: 10-12 Course #: 5170 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Recommended Introduction to Agriculture, Food and Natural Resources</p>	<p><i>Plant and Soil Science</i> is a two semester course that provides students with opportunities to participate in a variety of activities including laboratory work. Topics covered include: the taxonomy of plants, the various plant components and their functions, plant growth, plant reproduction and propagation, photosynthesis and respiration, environmental factors affecting plant growth, diseases and pests of plants and their management, biotechnology, the basic components and types of soil, calculation of fertilizer application rates and procedures for application, soil tillage and conservation, irrigation and drainage, land measurement, cropping systems, precision agriculture, principles and benefits of global positioning systems, harvesting, and career opportunities in the field of plant and soil science.</p>
<p><i>Fulfills a Life Science or Physical Science requirement for General Diploma only</i></p>	

ART

Art History

<p>Grade Level: 9-12 Course #: 4024 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Art History</i> is a course based on the Indiana Academic Standards for Visual Art. Students taking Art History engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production. Students study works of art and artifacts from world cultures, engage in historically relevant studio activities; utilize research skills to discover social, political, economic, technological, environmental, and historical trends and 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.</p>
<i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i>	

Introduction to Two-Dimensional Art

<p>Grade Level: 9-12 Course #: 4000 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Introduction to Two-Dimensional Art</i> 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.</p>
<i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i>	

Advanced Two-Dimensional Art I

<p>Grade Level: 9-12 Course #: 4004A Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: Introduction to Two-Dimensional Art</p>	<p><i>Advanced Two-Dimensional Art</i> is a course based on the Indiana Academic Standards for Visual Art. Students in this course build on the sequential learning experiences of Introduction to Two-Dimensional Art that encompass art history, art criticism, aesthetics, and production 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.</p>
<i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i>	

Advanced Two-Dimensional Art II

<p>Grade Level: 10-12 Course #: 4004B Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: Advanced Two-Dimensional Art I</p>	<p><i>Advanced Two-Dimensional Art II</i> is a course based on the Indiana Academic Standards for Visual Art. Students in this course build on the sequential learning experiences of Introduction to Two-Dimensional Art that encompass art history, art criticism, aesthetics, and production 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.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Advanced Two-Dimensional Art III

<p>Grade Level: 11-12 Course #: 4004C Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: Advanced Two-Dimensional Art II</p>	<p><i>Advanced Two-Dimensional Art III</i> is a course based on the Indiana Academic Standards for Visual Art. Students in this course build on the sequential learning experiences of Introduction to Two-Dimensional Art that encompass art history, art criticism, aesthetics, and production 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.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Advanced Two-Dimensional Art IV

<p>Grade Level: 11-12 Course #: 4004D Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: Advanced Two-Dimensional Art III</p>	<p><i>Advanced Two-Dimensional Art IV</i> is a course based on the Indiana Academic Standards for Visual Art. Students in this course build on the sequential learning experiences of Introduction to Two-Dimensional Art that encompass art history, art criticism, aesthetics, and production 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.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Introduction to Three-Dimensional Art

<p>Grade Level: 9-12 Course #: 4002 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: Introduction to Two-Dimensional Art</p>	<p><i>Introduction to Three-Dimensional Art</i> 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 three-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.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Advanced Three-Dimensional Art

<p>Grade Level: 10-12 Course #: 4006 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: Introduction to Three-Dimensional Art</p>	<p><i>Advanced Three-Dimensional Art</i> is a course based on the Indiana Academic Standards for Visual Art. Students in this course build on the sequential learning experiences of Introduction to Three-Dimensional Art that encompass art history, art criticism, aesthetics, and production 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 three-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.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Ceramics I

<p>Grade Level: 9-12 Course #: 4040A Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Ceramics</i> 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, 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.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Ceramics II

<p>Grade Level: 9-12 Course #: 4040B Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Ceramics I</p>	<p><i>Ceramics II</i> 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.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Ceramics III

<p>Grade Level: 10-12 Course #: 4040C Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Ceramics II</p>	<p><i>Ceramics III</i> 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.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Ceramics IV

<p>Grade Level: 10-12 Course #: 4040D Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Ceramics III and teacher recommendation</p>	<p><i>Ceramics IV</i> 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.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Visual Communication

<p>Grade Level: 9-12 Course #: 4086 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: None</p>	<p><i>Visual Communication</i> is a course based on the Indiana Academic Standards for Visual Art. Students in visual communication engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. They create print media utilizing graphic design, typography, illustration, and image creation with digital tools and computer technology. 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.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Digital Design

<p>Grade Level: 9-12 Course #: 4082 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: None</p>	<p><i>Digital Design</i> is a course based on the Indiana Academic Standards for Visual Art. Students in digital design engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. They incorporate desktop publishing, multi-media, digitized imagery, computer animation, and web design. 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.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Fiber Arts I

<p>Grade Level: 9-12 Course #: 4046A Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Fiber Arts I</i> 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.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Fiber Arts II

<p>Grade Level: 9-12 Course #: 4046B Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: Fiber Arts I</p>	<p><i>Fiber Arts II</i> 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.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

BUSINESS TECHNOLOGY EDUCATION

Introduction to Accounting

<p>Grade Level: 10-12 Course #: 4524 Length: Full year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Introduction to Accounting</i> is a beginning level business finance course that introduces principles and procedures for proprietorships, partnerships, and corporations using double-entry accounting with emphasis on accounting principles as they relate to manual financial systems. This course will involve the recording of business transactions and preparing, analyzing, and interpreting financial reports as a basis for decision making. Instructional strategies may include the use of projects, simulations, and real world experiences to apply accounting theories and principles.</p>
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Introduction to Business

<p>Grade Level: 9-12 Course #: 4518 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Introduction to Business</i> introduces students to the world of business, including the concepts, functions, and skills required for meeting the challenges of operating a business in the twenty-first century on a local, national, and international scale. The course covers business management, entrepreneurship, marketing fundamentals, and business ethics and law. The course develops business vocabulary and provides an overview of business and the role that business plays in economic, social, and political environments.</p>
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Principles of Business Management

<p>Grade Level: 11-12 Course #: 4562 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: None</p>	<p>This course will present to the student a solid foundation about business, how it operates, and how it is managed. This course will stress the opportunities and problems of managing a business in the free enterprise systems. These areas will include how to manage people, machines, procedures, and the environment. Students will gain experience in building decision-making skills, employee motivation, evaluation, teamwork and the basic functions of business management. Topics will include the foundations of management, organization structure, communications, staffing and employee appraisal.</p>
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Administrative and Office Management

<p>Grade Level: 12 Course #: 5268 Length: Full Year Credits: 1-2 credits per semester, maximum of 2 semesters; maximum of 4 credits Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Principles of Business Management or Principles of Marketing</p>	<p><i>Administrative and Office Management</i> prepares students to plan, organize, direct, and control the functions and processes of a firm or organization and to perform business-related functions. Students are provided opportunities to develop attitudes and apply skills and knowledge in the areas of business administration, management, and finance. Individual experiences will be based upon the student's career and educational goals.</p>
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Business Law and Ethics

<p>Grade Level: 10-12 Course #: 4560 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Business Law and Ethics</i> provides an overview of the legal system in the business setting. Topics covered include: basics of the judicial system, contract, personal, employment and property law. Application of legal principles and ethical decision-making techniques are presented through problem solving methods and situation analyses.</p>
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Personal Financial Responsibility

<p>Grade Level: 9-12 Course #: 4540 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: None</p>	<p>This course addresses the identification and management of personal financial resources to meet the financial needs and wants of individuals and families, considering a broad range of economic, social, cultural, technological, environmental, and maintenance factors. This course helps students build skills in financial responsibility and decision making; analyze personal standards, needs, wants, and goals; identify sources of income, saving, and investing; understanding banking, budgeting, record-keeping and management risk, insurance and credit card dept. A project based approach and applications through authentic settings such as work based observations and service learning experiences are appropriate. Direct, concrete applications of mathematics proficiencies in projects are encouraged.</p>
<p>*Required for graduation <i>Qualifies as a quantitative reasoning course</i></p>	

Business Math

<p>Grade Level: 10-12 Course #: 4512 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors Prerequisite: None</p>	<p><i>Business Math</i> is a business course designed to prepare students for roles as entrepreneurs, producers, and business leaders by developing abilities and skills that are part of any business environment. A solid understanding of math including algebra, basic geometry, statistics and probability provides the necessary foundation for students interested in careers in business and skilled trade area. The content includes mathematical operations related to accounting, banking and finance, marketing, and management. Instructional strategies will include simulations, guest speakers, Internet research, and business experiences. *This course may fulfill up to two credits of the minimum mathematics requirement for graduation. **This course does not fulfill part of the mathematics requirement for a Core 40 or Academic Honors Diploma.</p>
<p><i>Fulfills a Mathematics requirement for the General Diploma only Qualifies as a quantitative reasoning course</i></p>	

Digital Applications and Responsibility (DAR)

<p>Grade Level: 9-12 Course #: 4528A Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors Prerequisite: None</p>	<p><i>Digital Applications and Responsibility</i> prepares students to use technology in an effective and appropriate manner in school, in a job, or everyday life. Students develop skills related to word processing, spreadsheets, presentations, and communications software. Students will learn what it means to be a good digital citizen and how to use technology, including social media responsibility. Students expand their knowledge of how to use digital devices and software to build decision-making and problem-solving skills. Students should be provided with the opportunity to seek industry-recognized digital literacy certifications.</p>
<p>*Required for graduation</p>	

Advanced Digital Applications and Responsibility (Adv. DAR)

<p>Grade Level: 9-12 Course #: 4528B Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors Dual Credit Availability Prerequisite: Digital Application and Responsibility</p>	<p><i>Advanced Digital Applications and Responsibility</i> prepares students to use technology in an effective and appropriate manner in school, in a job, or everyday life. Students develop skills related to word processing, spreadsheets, presentations, and communications software. Students will learn what it means to be a good digital citizen and how to use technology, including social media responsibility. Students expand their knowledge of how to use digital devices and software to build decision-making and problem-solving skills. Students should be provided with the opportunity to seek industry-recognized digital literacy certifications.</p>
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Interactive Media

<p>Grade Level: 11-12 Course #: 5232 Length: 2 Semesters Credits: 1-3 credits per semester, 2 semesters required; maximum of 6 credits Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Digital Applications and Responsibility;</p>	<p><i>Interactive Media</i> prepares students for careers in business and industry working with interactive media products and services; which includes the entertainment industries. This course emphasizes the development of digitally generated or computer-enhanced products using multimedia technologies. Students will develop an understanding of professional business practices including the importance of ethics, communication skills, and knowledge of the “virtual workplace”.</p>
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Web Design

<p>Grade Level: 11-12 Course #: 4574 Length: 1 Sem-2Hr Block Credits: Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Digital Application and Responsibility; Design Fundamentals and Digital Design or Visual Communications</p>	<p><i>Web Design</i> is a course that provides instruction in the principles of web design using HTML/XHTML and current/emerging software programs. Areas of instruction include audience analysis, hierarchy layout and design techniques, software integration, and publishing. Instructional strategies should include peer teaching, collaborative instruction, project-based learning activates and school community projects.</p>
<p>*Course runs concurrently with course #4834- Design Fundamentals</p>	

Computer Science I

<p>Grade level: 10-12 Course #: 4801 Length: 2 semesters Credit(s): 1 credit per semester, 2 credits maximum Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: NONE</p>	<p><i>Computer Science I</i> introduces the structured techniques necessary for efficient solution of business-related computer programming logic problems and coding solutions into a high-level language. The fundamental concepts of programming are provided through explanations and effects of commands and hands-on utilization of lab equipment to produce accurate outputs. Topics include program flow-charting, pseudo coding, and hierarchy charts as a means of solving problems. The course covers creating file layouts, print charts, program narratives, user documentation, and system flowcharts for business problems; algorithm development and review, flowcharting, input/output techniques, looping, modules, selection structures, file handling, control breaks, and offers students an opportunity to apply skills in a laboratory environment.</p>
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Computer Science II: Programming

<p>Grade level: 11-12 Course #: 5236 Length: 2 semesters required Credit(s): 1-3 credit per semester, 6 credits maximum Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Computer Science I</p>	<p><i>Programming</i> explores and builds skills in programming and a basic understanding of the fundamentals of procedural program development using structured, modular concepts. Coursework emphasizes logical program design involving user-defined functions and standard structure elements. Discussions will include the role of data types, variables, structures, addressable memory locations, arrays and pointers, and data file access methods. An emphasis on logical program design using a modular approach, which involves task oriented program functions.</p>
<p><i>Qualifies as a quantitative reasoning course</i></p>	

Principles of Marketing

<p>Grade Level: 10-12 Course #: 5914 Length: Full year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: None</p>	<p><i>Principles of Marketing</i> provides a basic introduction to the scope and importance of marketing in the global economy. Emphasis is placed on oral and written communications, mathematical applications, problem solving, and critical thinking skills as they relate to advertising/promotion/selling, distribution, financing, marketing-information management, pricing, and product/service management.</p>
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Strategic Marketing

<p>Grade Level: 12 Course #: 5918 Length: Full year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: Principles of Business Management or Principles of Marketing</p>	<p><i>Strategic Marketing</i> builds upon the foundations of marketing and applies the functions of marketing at an advanced level. Students will study the basic principles of consumer behavior and examine the application of theories from psychology, social psychology and economics. The relationship between consumer behavior and marketing activities are reviewed.</p>
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Sports and Entertainment Marketing

<p>Grade Level: 11-12 Course #: 5984 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Sports and Entertainment Marketing</i> is a specialized marketing course that develops student understanding of the sport/event industries, their economic impact, and products; distribution systems and strategies; pricing considerations; product/service management, and promotion. Students acquire an understanding and appreciation for planning. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. Participation in cooperative education is an optional instructional method, giving students the opportunity to apply newly acquired marketing skills in the workplace.</p>
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ICE (Interdisciplinary Cooperative Education)

<p>Grade Level: 12 Course #: 5902A Length: Full year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Senior level by application</p> <p>Prerequisite: None</p>	<p><i>Interdisciplinary Cooperative Education (ICE)</i> spans all career and technical education program areas through an interdisciplinary approach to training for employment. Time allocations are a minimum of fifteen hours per week of work-based learning and approximately five hours per week of school-based instruction. Additionally, all state and federal laws and regulations related to student employment and cooperative education must be followed.</p>
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Business Cooperative Experiences (Related Instruction/On-The-Job Training)

<p>Grade Level: 12 Course #: 5260 Length: Full year Credit(s): Four Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: None</p>	<p>An opportunity to be employed in a marketing related occupation to apply attitudes, skills, and knowledge from school work. Students participating in those structured experiences will follow class, state, and federal guidelines. Students will be paid in accordance to all state and federal laws pertaining to employment. Students participating in a cooperative work experience must be concurrently enrolled in the Marketing, Advanced (related instruction) or ICE. This experience will consist of at least one semester with two credits earned per semester.</p>
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ENGINEERING TECHNOLOGY EDUCATION

Introduction to Communications

<p>Grade Level: 9-12 Course #: 4790 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Introduction to Communication</i> is a course that specializes in identifying and using modern communication to exchange messages and information. This course explores the application of the tools materials, and techniques used to design, produce, use, and access systems of communication. Students will produce graphic and electronic media as they apply communication technologies. This course will also explore the various technical processes used to link ideas and people through the use of electronic and graphic media. Major goals of this course include an overview of communication technology; the way it has evolved, how messages are designed and produced, and how people may profit from creating information services and products. Students will explore mass media communication processes including radio and television broadcasting, publishing and printing activities, telecommunication networks, recording services, computer and data processing networks, and other related systems. Using the base knowledge students will use the design process to solve design projects in each communication area.</p>
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Introduction to Construction

<p>Grade Level: 9-12 Course #: 4792 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Introduction to Construction</i> is a course that will offer hands-on activities and real world experiences related to the skills essential in residential, commercial and civil building construction. During the course students will be introduced to the history and traditions of construction trades. The students will also learn and apply knowledge of the care and safe use of hand and power tools as related to each trade. In addition, students are introduced to blueprint reading, applied math, basic tools and equipment, and safety. Students will demonstrate building construction techniques, including concrete and masonry, framing, electrical, plumbing, dry walling, HVAC, and painting as developed locally in accordance with available space and technologies. Students learn how architectural ideas are converted into projects and how projects are managed during a construction project in this course. Students study construction technology topics such as preparing a site, doing earthwork, setting footings and foundations, building the superstructure, enclosing the structure, installing systems, finishing the structure, and completing the site. Students also investigate topics related to the purchasing and maintenance of structures, special purpose facilities, green construction and construction careers.</p>
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Introduction to Design Processes

<p>Grade Level: 9-12 Course #: 4794 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Introduction to Design Processes</i> is a course that specializes in modern design and engineering processes with a focus on creative problem solving in developing, testing, communicating, and presenting post-evaluation of products. Students use the design process to analyze research, develop ideas, and produce products solutions. This process gives a framework through which they design, manufacture, test and present their ideas. Students will demonstrate and utilize design principles and elements for visual presentation. Designing aspects will also cover aesthetics, ergonomics, the environment, safety, and production. The design process is a core-learning tool for many courses enabling the student to solve problems in a systematic, logical and creative manner. Students develop a good understanding of the way the process helps them think creatively and developing aesthetic ideas. The design process encourages the students to engage in higher level thinking to create solutions for many problems.</p>
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Design Fundamentals

<p>Grade Level: 11-12 Course #: 4834 Length: 1 Sem-2Hr. Block Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors; Core 40 with Technical honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: None</p>	<p><i>Design Fundamentals</i> introduces students to fundamental design theory. Investigations into design theory and color dynamics will provide experiences in applying design theory, ideas and creative problem solving in the areas of communication technology. Student learning experiences encompass art history, art criticism, aesthetics, and production, which lead to the creation of portfolio quality works. Students reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgements about artwork and the nature of art in areas of communication; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills.</p>
<p style="text-align: center;">*Course runs concurrently with course #4574- Web Design Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</p>	

Computers in Design and Production

<p>Grade Level: 10-12 Course #: 4800 Length: Full year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: Recommends Introduction to Engineering Design or Introduction to Design Process</p>	<p><i>Computers in Design and Production</i> is a course that specializes in using modern technological processes, computers, design, and production systems in the production of products and structures through the use of automated production systems. Emphasis is placed on using modern technologies and on developing career related skills for architecture career pathways. Course content addresses major technological content related to topics such as: Architectural drawing and print design, design documentation using CAD systems; assignments involving the interface of CAD; and 3-D modeling of products or structures.</p>
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Introduction to Engineering Design

<p>Grade Level: 9-12 Course #: 4802 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: None</p>	<p><i>Introduction to Engineering Design</i> is an introductory course which develops student problem solving skills using the design process. Students document their progress of solutions as they move through the design process. Students develop solutions using elements of design and manufacturability concepts. They develop 2D and 3D drawing techniques using Computer Aided Design (CAD)</p> <p>This course may be available for dual credit opportunities with post-secondary institutions.</p>
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Introduction to Manufacturing

<p>Grade Level: 9-12 Course #: 4784 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Introduction to Manufacturing</i> is a course that specializes in how people use modern manufacturing systems with an introduction to manufacturing technology and its relationship to society, individuals, and the environment. An understanding of manufacturing provides a background toward developing engineering & technological literacy. This understanding is developed through the study of the two major technologies, material processing and management technology, used by all manufacturing enterprises. Students will apply the skills and knowledge of using modern manufacturing processes to obtain resources and change them into industrial materials, industrial products and consumer products. Students will investigate the properties of engineered material such as: metallic, polymers; ceramics; and composites. After gaining a working knowledge of these materials, students will study material processes such as: casting and molding; forming; separating; conditioning; finishing; and assembling.</p>
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Introduction to Advanced Manufacturing and Logistics

<p>Grade Level: 9-12 Course #: 4796 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Recommended Introduction to Manufacturing</p>	<p><i>Introduction to Advanced Manufacturing and Logistics</i> is a course that specializes in how people use modern manufacturing systems with an introduction to advanced manufacturing and logistics and their relationship to society, individuals, and the environment. Students apply the skills and knowledge of using modern manufacturing processes to obtain resources and change them into industrial materials, industrial products and consumer products. Students investigate the properties of engineered materials such as: metallic; polymers; ceramics; and composites. Students study six major types of material processes; casting and molding; forming; separating; conditioning; finishing; and assembling. After gaining a working knowledge of these materials, students are introduced to advanced manufacturing, logistics, and business principles that are utilized in today's advanced manufacturing industry. Students gain a basic understanding of tooling, electrical skills, operation skills, inventory principles, MSD's, chart and graph reading and MSSC concepts. There is also an emphasis placed on the flow process principles, material movement, safety, and related business operations. Students have the opportunity to develop the characteristics employers seek as well as skills that will help them in future endeavors.</p>
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Advanced Manufacturing I

<p>Grade Level: 11-12 Course #: 5608 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: Introduction to Advanced Manufacturing</p>	<p><i>Advanced Manufacturing I</i> is a course that includes classroom and laboratory experiences in two broad areas: Industrial Technology / Software Controls and Manufacturing Trends. Industrial Technology and Software Controls covers wiring and schematic diagrams used to design, install, and repair electrical/electronic equipment. Course content will include basic theories of electricity, electronics, digital technology, and basic circuit analysis. Manufacturing Trends covers basic concepts in manufacturing operations and plant floor layout in the production environment. Applications of Computer Numerical Control (CNC), and lathe and turning operations are developed as a foundation for machining operations. Coordinate system concepts are introduced as relevant to machining processes, as well as fluid and mechanical power, welding, and lean manufacturing. Fluid power concepts will include hydraulic components and circuits, laws and principles, fluid power controllers, and the construction of systems. In the mechanical power portion of the course, students will learn about machine specifications, basic forces, friction, simple machines, motors, and motor controls. Students will also be introduced to lean manufacturing.</p>
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Introduction to Transportation

<p>Grade Level: 9-12 Course #: 4798 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Introduction to Transportation</i> is an introductory course designed to help students become familiar with fundamental principles in modes of land, sea, air and space transportation, including basic mechanical skills and processes involved in transportation of people, cargo, and goods. Students will gain and apply knowledge and skills in the safe application, design, production, and assessment of products, services, and systems as it relates to the transportation industries. Content of this course includes the study of how transportation impacts individuals, society, and the environment. This course allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant transportation related activities, problems, and settings.</p>
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ENGLISH / LANGUAGE ARTS

English Basic Skills

<p>Grade Level: 9-12 Course #: 0500E Length: 1 Semester Credit(s): One Diploma: Counts as an elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>This course is designed to assist those students who have failed the English/Language Arts End of Course Assessment. This course would reinforce those skills already covered in the English classroom by using different formats. Successfully completing English Basic Skills would count as one of the steps if a student finds it necessary to ask the State for a waiver. This course would receive one credit per semester, but the credit would not count toward the English requirements for a high school diploma. If a student does not pass the retesting of the English/Language Arts End of Course Assessment, this course or some other approved remediation course may be taken for credit again to satisfy the guidelines for a waiver.</p>
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Language Arts Lab A

<p>Grade Level: 9th Grade English Students Only Course #: 1010A Length: 1 or 2 Semesters Credit(s): One or two credits Diploma: Counts as an elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Language Arts Lab A</i> provides an opportunity for individualized instruction designed to help students who are struggling in English with additional remediation. Although a student may take language arts labs more than two semesters, only two elective credits may be earned for Language Arts Lab A.</p>
<p>*This course does not meet English credit requirements for graduation.</p>	

Language Arts Lab B

<p>Grade Level: 10th Grade English Students Only Course #: 1010B Length: 1 or 2 Semesters Credit(s): One or two credits Diploma: Counts as an elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Language Arts Lab B</i> provides an opportunity for individualized instruction designed to help students who are struggling in English with additional remediation. Although a student may take language arts labs more than two semesters, only two elective credits may be earned for Language Arts Lab B.</p>
<p>*This course does not meet English credit requirements for graduation.</p>	

English 9

<p>Grade Level: 9 Course #: 1002 Length: Full Year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>Through integrated study of language, literature, writing, and oral communication, <i>English 9</i> develops students' use of language as a tool for learning and thinking and as a source of pleasure. Literature includes the study of a variety of genres and frequent opportunities for students to respond critically, reflectively, and imaginatively to a range of reading materials. Composition provides students with the opportunity to write for different purposes and audiences, using a variety of forms of expressive, informative, and persuasive writing. Formal grammar, usage, spelling and language mechanics are integrated into the study of writing so that students gain a functional understanding of the English language. Oral communication instruction provides students with opportunities to continue to develop and use effective listening and speaking techniques.</p>
<i>Fulfills an English/Language Arts requirement for all diplomas</i>	

English 9, Pre-AP

<p>Grade Level: 9 Course #: 1002T Length: Full Year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>Through integrated study of language, literature, writing, and oral communication, this course contains the same requirements as the Freshman <i>English 9</i> course; however, it demands more research and writing as well as an increased use of reasoning and critical thinking skills. The accelerated class promotes learning at a more rapid pace with a more in-depth study of the material. Creativity is combined with knowledge to develop student projects. Students will have two required books for summer reading and may read additional material during the school year. Students should take this course in preparation for Advanced Placement courses.</p>
<i>Fulfills an English/Language Arts requirement for all diplomas</i>	

English 10

<p>Grade Level: 10 Course #: 1004 Length: Full Year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Successful completion of at least 1 semester of English 9</p>	<p><i>English 10</i> further develops students' use of language as a tool for learning and thinking and as a source of pleasure through integrated study of language, literature, composition, and oral communication. Language study continues to develop students' sophistication at adapting language to different audiences, purposes, and situations, and using language as a tool for thinking, learning, and communicating in both academic and non-academic situations. Through study of literature, students continue to develop an understanding of literary concepts and conventions that will help them make independent critical evaluations of literary works. Composition provides students with continuing opportunities to write for different purposes and audiences, using a variety of forms of expressive, informative, and persuasive writing. Instruction in all aspects of the writing process is given including prewriting, drafting, peer sharing, revising, and editing. Formal grammar, usage, spelling, and language mechanics are integrated into the study of writing so that students gain a functional understanding of the English language. Speech provides the study of and practice in the basic principles and techniques of effective oral communication. The course should include instruction in adapting speech to different audiences and purposes. Students will have opportunities to present different types of oral presentations, such as viewpoint, instructional, demonstration, informative, persuasive, and impromptu.</p>
<i>Fulfills an English/Language Arts requirement for all diplomas</i>	

English 10, Pre-AP

<p>Grade Level: 10 Course #: 1004T Length: Full Year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Successful completion of English 9, Pre-AP or teacher recommendation</p>	<p>This course further develops students' use of language as a tool for learning and thinking and as a source of pleasure through integrated study of language, literature, composition and oral communication. Language study continues to develop students' sophistication at adapting language to different audiences, purposes and situations. Through the study of literature, students continue to develop an understanding of literary concepts and conventions that will help them make independent critical evaluation of literary works. Composition provides students with continuing opportunities to write for different purposes and audiences, using a variety of writing forms. Instruction in all aspects of the writing process is given, including prewriting, drafting, peer sharing, revision, and editing. Speech provides the study of and practice in the basic principles and techniques of effective oral communications, and students in this course will have opportunities to present different types of oral presentations, such as viewpoint, instructional, demonstration, informative, persuasive, and impromptu. This class will include an accelerated coverage of materials and an n-depth study of several literary works. Classroom strategies will include the use of research skills and methods, integration of high-level thinking skills and use of student products. Students will have two required books for summer reading and may read additional material during the school year. Students should take this class in preparation for Advanced Placement classes.</p>
<p><i>Fulfills an English/Language Arts requirement for all diplomas</i></p>	

English 11

<p>Grade Level: 11 Course #: 1006 Length: Full year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Successful completion of at least 3 semesters of English</p>	<p><i>English 11</i> continues to reinforce students' use of language as a powerful tool for learning and thinking and as a source of pleasure through integrated study of language, literature, composition, and oral communication. Language study continues to develop students' sophistication at adapting language to different audiences, purposes and situations, and using language as a tool for thinking, learning, and communicating in both academic and nonacademic situations. Through study of literature, students should continue to develop an understanding of literacy concepts and conventions that will help them make independent critical evaluations of literary works. Formal grammar, usage, spelling, and language mechanics are integrated into the study of writing so that students gain a functional understanding of the English language.</p>
<p><i>Fulfills an English/Language Arts requirement for all diplomas</i></p>	

English 11, Pre-AP

<p>Grade Level: 11 Course #: 1006T Length: Full year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Successful completion of English 10, Pre-AP or teacher recommendation</p>	<p>Accelerated <i>English 11</i> is a course designed to reinforce the skills of learning and constructive thinking through language, literature, composition, and oral communication. This course deal with American authors, their works and the time periods in which their works were written. Language study continues to develop students' sophistication at adapting language to different audiences, purposes and situations, and using language as a tool for thinking, learning, and communicating. Part of the requirements in the accelerated class include the following: (1) The students will read three novels with the class and possible read one independent novel, and (2) The students will do a research paper over a significant American author in order to better understand the structure of the research paper and the MLA form. Formal grammar, usage, spelling, and language mechanics are integrated into the study of writing so that students gain a functional understanding of the English language. Students will have two required books for summer reading and may read additional material during the school year. Students should take this class in preparation for Advanced Placement courses.</p>
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English 12

<p>Grade Level: 12 Course #: 1008 Length: Full year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Recommended successful completion of at least 5 semesters of English or with approval of administration.</p>	<p>As the culmination of the student's high school English instruction, <i>English 12</i> prepares students to meet the language demands of post-secondary experiences, whether those be in higher education or the world of work. English 12 continues to refine students' use of language as a tool for learning and thinking and as a source of pleasure through integrated study of language, literature, composition, and oral communication. Literature continues to be a focal point of the twelfth-grade English curriculum. Critical reading and interpretative skills will also be sharpened, preparing students for informed citizenship in a democratic society. Composition continues to provide students with opportunities to write for different purposes and audiences, using a process that includes prewriting, drafting, peer sharing, revising, editing, and publishing. Formal grammar, usage, spelling, and language mechanics will be integrated into the study of writing so that students gain a functional understanding of the English language.</p>
<p><i>Fulfills an English/Language Arts requirement for all diplomas</i></p>	

Language and Composition, Advanced Placement

<p>Grade Level: 12 Course #: 1056 Length: Full year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Recommended successful completion of six semesters of English.</p>	<p><i>English Language and Composition, Advanced Placement</i> follows the College Board Entrance Examination guidelines for advanced placement English. This course engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and theoretical contexts, and guides students to become skilled writers who compose for a variety of purposes. Both their writing and reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Writing assignments will be frequent, including weekly in-class essays and periodic research papers. Students will be expected to read challenging texts for summer reading or at home as well as in the classroom. Students also will be expected to participate fully in class discussion, create presentations, and make use of technological resources both in researching and in producing their papers. The fast pace and challenging curriculum of the class are intended to prepare students for the AP English exam through which they may earn six college credits in English.</p>
<p>Fulfills an English/Language Arts requirement for all diplomas</p>	

Biblical Literature

<p>Grade Level: 11-12 Course #: 1022 Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Recommended successful completion of at least 4 semesters of English or with approval of administration.</p>	<p>This course surveys the Bible as a source of a variety of literary patterns, themes, and conventions and provides a basis for understanding Biblical allusions in both classical and modern literature. The teacher presents the Bible as narrative and aids students in acquiring skill in literary analysis; enables students to gain a deeper insight into the literary heritage provided by the Bible; demonstrates the influence of the Bible in literature, art, and culture, and leads the students to a greater sensitivity to this influence; and familiarizes students with biblical events and personages within their geographical, historical, political, and philosophical framework. Students develop skill in recognizing the various literary genre of the Bible, practice language skills, and participate in oral presentations. If this course is taken to fulfill English/Language Arts requirements for grades 11 and/or 12.</p> <p>NOTE: It is highly recommended that students combine this course with a composition course that may be taken before, concurrently, or after this course.</p>
<p><i>Fulfills an English/Language Arts requirement for all diplomas</i></p>	

Composition

<p>Grade Level: 11-12 Course #: 1090 Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Recommended successful completion of at least 4 semesters of English or with approval of administration.</p>	<p>This course provides students an opportunity to learn to write by writing. The course provides students with frequent opportunities to write for different audiences and purposes, using a process that includes prewriting, drafting, peer sharing, revising, editing, and producing a final product. Strategies for evaluating and responding to the writing of others literature and speech are included. Instruction in grammar, usage, and mechanics are integrated with writing so that students develop a functional understanding of language and a common vocabulary for discussing writing. Students will make use of technological resources both in researching and in producing their papers. A research paper is required for the course. If this course is taken to fulfill the English/Language Arts requirements for grade 11 and/or 12.</p> <p>NOTE: It is highly recommended that students combine this course with a literature course that may be taken before, concurrently, or after this course.</p>
<p><i>Fulfills an English/Language Arts requirement for all diplomas</i></p>	

Creative Writing

<p>Grade Level: 11-12 Course #: 1092 Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Recommended successful completion of at least 4 semesters of English or with approval of administration.</p>	<p>This course allows students to use their imaginative and observational skills in producing original products such as short stories, skits, songs, children's stories, poetry and novelettes. Students will become familiar with standard literacy elements in their own writing. Speech and composition study will be integrated with grammar, usage, spelling, and language mechanics. By working through the writing process, students will have the opportunity to understand the steps necessary in producing literary works. Students will be encouraged to seek publication of their finished documents. Use of computers will be an important aspect of this class. Representative models of literary excellence will also be studied. If this course is taken to fulfill grades 11 and/or 12 English/Language Arts graduation requirements.</p> <p>NOTE: It is highly recommended that students combine this course with a literature course that may be taken before, concurrently, or after this course.</p>
<p><i>Fulfills an English/Language Arts requirement for all diplomas</i></p>	

Debate

<p>Grade Level: 11-12 Course #: 1070 Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Speech or teacher recommendation</p>	<p><i>Debate</i>, a course based on the Indiana Academic Standards for English/Language Arts, is the study and application of the basic principles of debate involving support for the basic types of arguments (induction, deduction, causation) and debate strategies (affirmative or negative argument construction and extension, case development, refutation or rebuttal of argument claims and evidence, and persuasive speaking). Students will experience organizing, preparing, and presenting debates in a format which allows for growth and increasing difficulty, culminating in a project. Debate project: Students will complete a project—such as a mock debate or trial, participation in a forum, presentation of an argument supporting or opposing different sides of a major issue—which demonstrates knowledge, application, and presentation progress in the debate course content.</p>
<p><i>Fulfills an English/Language Arts requirement for all diplomas</i></p>	

Etymology

<p>Grade Level: 10-12 Course #: 1060 Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Recommended successful completion of previous English classes.</p>	<p>This course encourages students to become curious about the English language and should enable students to increase vocabularies preparing them to perform well on the PSAT, and the SAT and other standardized tests. <i>Etymology</i> provides instruction in the derivation of English words and word families from their Latin and Greek origins. Pure root etymology deals with the exact origin of the word. Folk etymology is the study of how words have changed due to connotative and denotative associations, euphemisms, cliché's, idioms, etc. This course will look at other foreign origins as they pertain to loanwords from those countries. Students will study both areas of etymology, including prefixes, roots, suffixes, and reasons for language change. The study of word history and semantics will be incorporated through an analysis of some literary texts. If this course is taken to fulfill the English/Language Arts requirements for grade 11 and/or 12.</p> <p>NOTE: It is highly recommended that students combine this course with a literature or composition course that may be taken before, concurrently, or after this course.</p>
<p><i>Fulfills an English/Language Arts requirement for all diplomas</i></p>	

Journalism I-1

<p>Grade Level: 10-12 (Freshman may enroll with instructor approval.) Course #: 1080A Length: 1 Semester Credit(s): One Diploma: Counts as an elective for all diplomas: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>This course provides the study of practice in gathering and analyzing information, interviewing, and note taking for the purpose of writing, editing, and publishing for print, including student publications. The course will include instruction and practice in effective journalistic writing forms and techniques, as well as layout, design, and typography. Representative examples of amateur and professional journalism may be studied. The concept of responsible journalism will be discussed. Students will develop layouts for the yearbook and newspaper. <i>This is a one semester course that is a prerequisite for newspaper and yearbook.</i></p>
<p><i>This course will not satisfy any of the eight semesters of required English.</i></p>	

Journalism I-2

<p>Grade Level: 10-12 (Freshman may enroll with instructor approval.) Course #: 1080B Length: 1 Semester Credit(s): One Diploma: Counts as an elective for all diplomas: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>This is a continuation of the first year of journalism study. It provides continued practice in interviewing, gathering/analyzing material, note taking, editing, and publishing. It also includes more instruction in journalistic writing as well as layout and design. Examples of professional journalistic pieces will be studied and discussed. This is the second semester of beginning journalism, which serves as a prerequisite for any student publications courses.</p>
<p><i>This course will not satisfy any of the eight semesters of required English.</i></p>	

Mass Media

<p>Grade Level: 10-12 Course #: 1084 Length: 1 Semester Credit(s): One Diploma: Counts as an elective for all diplomas: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>This is a one semester course which provides a study of television, radio, videotape, and possibly film and newspapers, as sources of information, persuasion, and creative expression. The course will help students develop an awareness of audience and purpose in evaluating mass media as well as in producing their own media productions. It will also help students to judge media critically and understand the use of persuasive language and strategies. The course will provide an opportunity for students to generate mass media, such as radio and television material, slide-tape presentations, films, or newspapers.</p>
<p><i>This course will not satisfy any of the eight semesters of required English.</i></p>	

Speech

<p>Grade Level: 11-12 Course #: 1076 Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Recommended successful completion of at least 4 semesters of English or with approval of administration.</p>	<p><i>Speech</i>, a course based on Indiana's Academic Standards for English/Language Arts and the common Core State Standards for English/Language Arts Standards, is the study and application of the basic principles and techniques of effective oral communication. Students deliver focused and coherent speeches that convey clear messages, using gestures, tone, and vocabulary appropriate to the audience and purpose. Students deliver different types of oral and multi-media presentations, including viewpoint, instructional, demonstration, informative, persuasive, and impromptu. Students use the same Standard English conventions for oral speech that they use in their writing. When taken at the freshman or sophomore level, this course will NOT fulfill one of the English/Language Arts requirements.</p> <p>NOTE: Students are strongly encouraged to combine this course with a literature or composition course when taking it on the junior/senior level.</p>
<p><i>Fulfills an English/Language Arts requirement for all diplomas</i></p>	

Advanced Speech and Communication

<p>Grade Level: 11-12 Course #: 1078 Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, and Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Successful completion of English 9 & 10 and teacher recommendation or Speech I</p>	<p><i>Advanced Speech and Communication</i>, a course based on Indiana's Academic standards for English/language Arts and emphasizing the High School Speech and Communication Standards, is the study and application of skills in listening, oral interpretation, media communications, research methods, and oral debate. Students deliver different types of oral and multi-media presentations, including speeches to inform, to motivate, to entertain, and to persuade through the use of impromptu, extemporaneous, memorized, or manuscript delivery. Advanced Speech and Communication Project: Students complete a project, such as multi-media presentations, that are reflective, reports or historical investigations, responses to literature, or persuasive arguments, which demonstrates knowledge, application, and speaking progress in the Advanced Speech and Communication course content.</p> <p>NOTE: Students are strongly encouraged to combine this course with a literature or composition course that they take before, concurrently, or after this course.</p>
<p><i>This course fulfills English/Language Arts requirements for the General, Core 40, Academic Honors, and/or Technical Honors Diplomas.</i></p>	

Student Publications: Newspaper I

<p>Grade Level: 11-12 Course #: 1086A Length: Full Year Credit(s): Two Diploma: Counts as an elective for all diplomas: General, Core 40, Academic Honors, Technical Honors Prerequisite: Journalism 1</p>	<p><i>Student Publications: Newspaper I</i> is a class in which students will learn the various aspects of newspaper production, including writing stories, taking photographs, selling advertisements, publishing pages, and producing their own newspaper at least once a month. Students will be exposed to every aspect of the process, and also will explore possible career opportunities in the field involving, but not limited to, working with newspapers. Additionally, students will be responsible for promoting the newspaper throughout a variety of contests, entries of student work, holiday themes, and other marketing-related tasks.</p>
<p><i>This course will not satisfy any of the eight semesters of required English.</i></p>	

Student Publications: Newspaper II

<p>Grade Level: 12 Course #: 1086B Length: Full Year Credit(s): Two Diploma: Counts as an elective for all diplomas: General, Core 40, Academic Honors, Technical Honors Prerequisite: Student Publications: Newspaper I</p>	<p><i>Student Publications: Newspaper II</i> is a continuation of Student Publications: Newspaper I. The advanced students in this course will serve as editors of the publication and also help to train new staff members in the various aspects of the newspaper operation.</p>
<p><i>This course will not satisfy any of the eight semesters of required English.</i></p>	

Student Publications: Yearbook I

<p>Grade Level: 10-12 Course #: 1086Y Length: Full Year Credit(s): Two Diploma: Counts as an elective for all diplomas: General, Core 40, Academic Honors, Technical Honors Prerequisite: None</p>	<p>This course provides the study of and practice in gathering and analyzing information, interviewing and note taking for the purpose of writing and editing the yearbook. This course will begin its study of effective journalistic writing, layout, and design where the year of journalism study leaves off. Word processors and technology appropriate to yearbook writing and layout will be used. Students will plan, publish, market, and distribute the yearbook.</p>
<p><i>This course will not satisfy any of the eight semesters of required English.</i></p>	

Student Publications: Yearbook II

<p>Grade Level: 11-12 Course #: 1086Z Length: Full Year Credit(s): Two Diploma: Counts as an elective for all diplomas: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Student Publications I YB</p>	<p>This course allows for further study of publication as it applies to the writing, editing, and layout of the school yearbook. This senior level course is responsible for the overseeing of all aspects of the production process of the yearbook. As such, students should be prepared to take leadership roles in the areas of photography, layout, design, writing, and editing.</p>
<p><i>This course will not satisfy any of the eight semesters of required English.</i></p>	

Technical Communications: Writing for Life Skills

<p>Grade Level: 11-12 Course #: 1096 Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Successful completion of English 9 and 10</p>	<p>The <i>Technical Communications</i> course addresses the needs of those students who may not attend a four year college. This class would also benefit any student needing a more concentrated focus on writing skills. This class reinforces the necessity of effective writing skills to be more successful in today's workplace. The success of this course depends upon participation in classroom discussion before and after reading and writing assignments. Students should expect such assignments as letter writing, memos, problem-solving, group interaction and personal expression. If this course is taken to fulfill the English/Language Arts requirements for grades 11 and/or 12,</p> <p>NOTE: It is highly recommended that students combine this course with a literature course that may be taken before, concurrently, or after this course.</p>
<p><i>Fulfills an English/Language Arts requirement for all diplomas</i></p>	

World Literature

<p>Grade Level: 11-12 Course #: 1052 Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Recommended successful completion of at least 4 semesters of English or with approval of administration.</p>	<p><i>World Literature</i>, a course based on Indiana's Academic Standards for English/Language Arts and the Common Core State Standards for English/Language Arts, is a study of ancient and modern representative works by major authors from six continents: Africa, Asia, Australia, Europe, North America, and South America. Students examine a wide variety of literary genres and themes. Students analyze how the ideas and concepts presented in the works are both interconnected and reflective of the cultures and historical periods of the counties represented by the authors.</p> <p>NOTE: It is highly recommended that students combine this course with a composition course.</p>
<p><i>Fulfills an English/Language Arts requirement for all diplomas</i></p>	

FAMILY AND CONSUMER SCIENCE

HEALTH WAIVER

The Health and Safety credit may be waived for a student if the student has earned three (3) credits from the following Family and Consumer Sciences courses:

- Preparing for College and Careers
- Interpersonal Relationships
- Human Development and Family Wellness
- Child Development and Parenting
- Nutrition & Wellness
- Adult Roles and Responsibilities

Preparing for College and Careers

<p>Grade Level: 9-12 Course #: 5394 Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors Prerequisite: None</p>	<p><i>Preparing for College & Careers</i> addresses the knowledge, skills, and behaviors all students need to be prepared for success in college, career, and life. The focus of the course is the impact of today's choices on tomorrow's possibilities. Topics to be addressed include twenty-first century life and career skills; higher order thinking, communication, leadership, and management processes; exploration of personal aptitudes, interests, values, and goals; examining multiple life roles and responsibilities as individuals and family members; planning and building employability skills; transferring school skills to life and work; and managing personal resources. This course includes reviewing the 16 national career clusters and Indiana's College and Career Pathways, in-depth investigation of one or more pathways, reviewing graduation plans, developing career plans, and developing personal and career portfolios. A project based approach, including computer and technology applications, cooperative ventures between school and community, simulations, and real life experiences, is recommended.</p>
<p>* Required for graduation</p>	

Adult Roles and Responsibilities

<p>Grade Level: 9-12 Course #: 5330 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors Prerequisite: None</p>	<p><i>Adult Roles and Responsibilities</i> builds knowledge, skills, attitudes and behaviors students will need as they prepare to take the next steps toward adulthood in today's ever changing society. The development of positive relationships and communication skills for acquiring and maintaining a job, for dating and marriage and for the role of parenting are also stressed. Making healthy lifestyle choices and protecting yourself through personal safety is covered. The focus is on becoming independent, contributing to society, and being responsible participants in family, community, and career settings. Consumer choices and decision making related to nutrition and wellness, clothing, housing and finances are covered. Students will also learn laundry skills. Careers and career pathways will also be discussed.</p>
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Child Development and Parenting

<p>Grade Level: 10-12 Course #: 5362 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>The focus of this course is on research-based nurturing and parenting practices and skills that support positive development of children. Topics include consideration of the roles, responsibilities and challenges of parenthood; human sexuality; adolescent pregnancy; prenatal development; preparation for birth; the birth process; meeting the physical, social, emotional, intellectual, moral and cultural growth and development needs of infants and children; impacts of heredity, environmental, and family and societal crisis on development of the child; meeting children's needs for food, clothing, shelter, and care giving; caring for children with special needs; parental resources, services, and agencies; and career awareness.</p>
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Advanced Child Development

<p>Grade Level: 10-12 Course #: 5360 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Child Development</p>	<p>Advanced Child Development is for students interested in life foundations, academic enrichment, and/or careers related to knowledge of children, child development, and nurturing of children. The focus of this course addresses issues of child development from age 4 through adolescence. It builds on the Child Development course, which is a prerequisite. Advanced Child Development includes the study of professional and ethical issues in child development; child growth and development; child development theories, research, and best practices; child health and wellness; teaching and guiding children; special conditions affecting children; and career exploration in child development and nurturing. A project-based approach that utilizes higher order thinking, communication, leadership, management, and fundamentals to college and career success is recommended in order to integrate these topics into the study of child development. This course provides a foundation for continuing and post-secondary education in all careers and areas related to children, child development, and nurturing of children.</p>
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Fashion and Textiles I

<p>Grade Level: 9-12 Course #: 5380A Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: None</p>	<p>This course concentrates on construction techniques as a basis for all areas of career and domestic interests related to the textile industry. A simple clothing project (usually pajamas) will be constructed as well as several crafts and projects related to home decor. Students will be introduced to careers related to the textiles industry. The social and psychological effects of textiles and clothing are included with the emphasis on selection, appearance and fashion. Students will have "hands on" learning experiences with technology such as computerized sewing machines, sergers, and an embroidery machine. Work-based, entrepreneurial, experimental, and service learning are part of the curriculum for this class. Portfolio activities are required.</p>
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Fashion and Textiles II

<p>Grade Level: 10-12 Course #: 5380B Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Fashion and Textiles I</p>	<p>This course is a continuation of the beginning level of Fashion and Textiles Foundations I. Students select more challenging projects with intermediate to advanced level construction skills. In-depth studies of fibers, fashion designers, history of fashion, and careers related to the textiles industry are included in the curriculum. The theory of body analysis, line, designing and color in personal clothing selection is of special interest to students in the class. The class will visit a large clothing store to tour the alterations and tailoring departments. They will also be introduced to occupations in the retail clothing industry and will have materials available to explore careers of interest. Work-based, entrepreneurial, experimental, laboratory, and/or service learning are part of the curriculum for this course. Portfolio activities are required.</p>
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Introduction to Housing and Interior Design

<p>Grade Level: 10-12 Course #: 5350 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Introduction to Housing and Interior Design</i> is an introductory course essential for those students interested in academic enrichment or a career within the housing, interior design, or furnishings industry. This course addresses the selection and planning of designed spaces to meet the needs, wants, values, and lifestyles of individuals, families, clients, and communities. Housing decisions, resources, and options will be explored including factors affecting housing choices and the types of housing available. Developmental influences on housing and interior environments will also be considered. Basic historical architectural styling and basic furniture styles will be explored as well as basic identification of the elements and principles of design. Design and space planning involves evaluating floor plans and reading construction documents while learning to create safe, functional, and aesthetic spaces. Presentation techniques will be practiced to thoroughly communicate design ideas. Visual arts concepts will be addresses. Direct, concrete mathematics proficiencies will be applied. A project based approach will be utilized requiring higher-order thinking, communication, leadership, and management processes as housing and interior design content is integrated into the design of interior spaces while meeting specific project criteria. This course provides the foundation for further study and careers in the architecture, construction, housing, interior design, and furnishings industries.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Human Development and Family Wellness

<p>Grade Level: 11-12 Course #: 5366 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>Students in this one semester course address development and wellness of individuals and families throughout the life cycle. Emphasis is placed on the significance of serious dating patterns, mate selection, and readiness for marriage. Personality traits conducive to functional family living are examined. The engagement period is explored in detail considering life-long commitment. The following concepts are discussed: tasks and relationships in the family as it functions within society and culture, communication within the family setting, identification of the roles of children and adults as family members, changing needs of family members throughout the life cycle, contemporary family issues, including ethics, change, stress, and family crisis-abuse and violence. Exploration of human and family services careers will also be included.</p>
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Interpersonal Relationships

<p>Grade Level: 9-12 Course #: 5364 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>Interpersonal Relationships addresses knowledge and skills need for positive and productive relationships in career, community, and family settings. Major course topics include communication skills, teamwork, and collaboration, conflict prevention, resolution, and management; building and maintaining relationships; and individual needs and characteristics and their impacts on relationships. Citizenship and community awareness are explored. Specific techniques taught in this course include assertive behavior, stress and anger management and sexual decision-making. Lifelong healthy choices are encouraged in this class. This course is especially relevant for students interested in careers that involve interacting with people both inside and outside of a business/organization, including team members, clients, patients, customers, and the general public.</p>
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Introduction to Teaching

<p>Grade Level: 11-12 Course #: 5408 Length: Full Year, two hours Credit(s): 4 Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Child Development and <i>Adv. Child Development</i> <i>*These classes can be taken in conjunction with Intro. To Teaching</i></p>	<p>This is a two semester course which provides a general introduction to the field of teaching. Students will explore educational careers, teaching preparation, and professional expectations. The course of study includes, but is not limited to, planning and guiding developmentally appropriate activities for school-aged children, and the study of developmentally appropriate practices of guidance and discipline. Basic health and safety principles are also covered. Current trends and issues in education will be examined. Students will reflect on their own reasons for exploring the teaching profession. This course offers both on-site and classroom learning opportunities. Philosophies of education will be studied and students will write their personal philosophy of education.</p> <p>This course is recommended for students with interests in education and related career paths. Introduction to Teaching provides the foundation for post-secondary careers in the education field. This class articulates with Ivy Tech Community College. Students earning 75% or better in the class and who have passed the Ivy Tech entrance exam are eligible to receive 3 credit hours.</p> <p>A student application is required to sign up for this course. Students must be able to drive to and from sites during the school day. An application for this class must be completed and a Code of Conduct must be signed in the spring during scheduling. Students are required to have a minimum GPA of 2.5 or file an appeal with the instructor of the class. Excellent attendance is imperative for the class and the first unexcused absence will result in meeting with the instructor. The second unexcused absence will be grounds for removal from the program. Excused absences are defined on the school's webpage under the Parents and Community tab then go to the Secondary Handbook. All students who are absent when on site must contact their mentor teacher at their placement site and the course instructor.</p>
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Nutrition and Wellness

<p>Grade Level: 9-12 Course #: 5342 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>In this one semester class nutrition is the foundation for food preparation. Basic principles of food preparation, menu planning, and time management in the kitchen are emphasized. Safety of food is stressed including the use of sanitary procedures in preparation, service, and storage of food. Understanding what is being eaten, developing moderation in eating patterns, and establishing lifelong healthy eating choices are the focus of this class. The impact of daily food choices and the importance of exercise are stressed through the study of USDA Dietary Guidelines and My Plate. Fat and calorie reduction methods are used to improve the nutritional value of some recipes. Dining out choices are evaluated and discussed. Many preparation and tasting opportunities are provided in this course. Food labs may include: healthy snacks and desserts, using vegetables and fruits in recipes, breads, pasta, holiday cooking, Italian and Oriental cooking, and creating new recipes. A wide variety of additional labs are included in Nutrition and Wellness. Careers and career pathways will also be discussed. Students will be expected to participate in kitchen organization and clean-up as needed.</p>
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Advanced Nutrition and Foods

<p>Grade Level: 11-12 Course #: 5340 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Nutrition and Wellness</p>	<p><i>Advanced Nutrition and Foods</i> is a course that incorporates more complex concepts in nutrition and foods. Proper food handling, advanced food preparation skills and meal management are emphasized. Nutrition wellness for individuals and families across the life span is stressed. Students learn to evaluate information about foods and recipes. Food service careers are explored. Many preparation and tasting opportunities are provided in this course. Students will be expected to participate in kitchen organization and clean-up as needed. Foods labs may include: creating recipes, regional foods, healthy meals, snacks, and a wide variety of additional lab.</p>
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Culinary Arts & Hospitality Management

<p>Grade Level: 11-12 Course #: 5440 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Nutrition and Wellness</p>	<p>Culinary Arts and Hospitality Management prepares students for occupations and higher education programs of study related to the entire spectrum of careers in the hospitality industry. Major topics include: introduction into the hospitality industry; food safety and personal hygiene; sanitation and safety; regulations, procedures, and emergencies; basic culinary skills; culinary math; and food preparation techniques and applications. Instruction and laboratory experiences will allow students to apply principles of purchasing, storage, preparation, and service of food and food products; apply basic principles of sanitation and safety in order to maintain safe and healthy food service and hospitality environments; use and maintain related tools and equipment; and apply management principles in food service or hospitality operations. Students have the opportunity to become ServSafe Certified. This course provides the opportunity for dual credit for students who meet postsecondary requirements for earning dual credit and successfully complete the dual credit requirements for this course.</p>
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HEALTH AND PHYSICAL EDUCATION

Physical Education I

<p>Grade Level: 9-12 Course #: 3542 Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Physical Education I</i> emphasizes health-related fitness, development of skills and habits necessary for a lifetime of activity, and fitness for enjoyment, challenge, self-expression, and social interaction. This coeducational program includes skill development, application of rules and strategies, and opportunities to achieve and maintain a health-enhancing level of physical fitness in the following different movement forms: (1) health-related fitness activities, (2) aerobic exercise, (3) team sports, (4) individual and dual sports, (5) outdoor pursuits, (6) dance, and (7) recreational games. Ongoing assessment includes both written and performance-based skill evaluations. Furthermore, this course is available to students with special mental, physical, sensory, or neurological problems. *A medical referral form must be completed and approved by the teacher or principal for students with special needs.</p>
<p><i>Fulfills part of the Physical Education requirement for all diplomas</i></p>	

Physical Education II

<p>Grade Level: 9-12 Course #: 3544 Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors *Course required to meet state graduation requirements</p> <p>Prerequisite: Physical Education I.</p>	<p><i>Physical Education II</i> emphasizes a personal commitment to lifetime activity and fitness for enjoyment, challenge, self-expression, and social interaction. This coeducational program provides students with opportunities to achieve and maintain a health-enhancing level of physical fitness and to increase their knowledge of fitness concepts in the following different movement forms: (1) health-related fitness activities, (2) aerobic exercise, (3) team sports, (4) individual and dual sports, (5) outdoor pursuits, (6) dance, and (7) recreational games. Ongoing assessment includes both written and performance-based skill evaluations. Furthermore, this course is available to students with special mental, physical, sensory, or neurological problems. *A medical referral form must be completed and approved by the teacher or principal for students with special needs.</p>
<p><i>Fulfills part of the Physical Education requirement for all diplomas</i></p>	

Current Health Issues: Emerging Trends in Health Today

<p>Grade Level: 9-12 Course #: 3508 Length: 1 Semester Credit(s): One Diploma: Counts as an elective requirement for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Current Health Issues</i> is an elective course which focuses on specific health issues and/or emerging trends in health and wellness but not limited to: personal health and wellness; noncommunicable and communicable diseases; nutrition; mental and emotional health; tobacco prevention; alcohol and other drug prevention; human development and family health; health care and/or medical treatments; and national and/or international health issues. This course provides students with the knowledge and skills of health and wellness core concepts, analyzing influences, accessing information, interpersonal communication, decision-making and goal-setting skills, health-enhancing behaviors, and health and wellness advocacy skills.</p>
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Elective Physical Education: Fitness for Life

<p>Grade Level: 10-12 Course #: 3560 Length: Full Year Credit(s): Two Diploma: Counts as an elective requirement for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Physical Education I and II</p>	<p><i>Elective Physical Education: Fitness for Life</i> is an individualized, concepts-based course designed to give students the knowledge and skills necessary to self-assess, create, conduct, evaluate, and redesign personal fitness programs. Students will become proficient in the use of a variety of assessments, measurement devices, exercise equipment, web and community resources, and computer software. Reading and writing assignments, which include activity journals and portfolios, will broaden the physical education experience and contribute to the literacy of students. Fitness testing, such as the Presidential Physical Fitness Test, will be used to establish individual baseline levels for designing fitness programs, to show improvement, and to provide students with personal information. This class is designed to give students the opportunity to design and develop skills and attitudes that promote a healthy lifestyle.</p>
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Health and Wellness

<p>Grade Level: 10 Course #: 3506 Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>Health and Wellness provides the basis to help students adopt and maintain healthy behaviors. Health education should contribute directly to a student's ability to successfully practice behaviors that protect and promote health and avoid or reduce health risks. Through a variety of instructional strategies, students practice the development of functional health information (essential concepts); determine personal values that support health behaviors; develop group norms that value a healthy lifestyle; develop the essential skills necessary to adopt, practice, and maintain health-enhancing behaviors. This course includes the application of priority areas in a planned, sequential, comprehensive health education curriculum. Priority area include: promoting personal health and wellness, physical activity, healthy eating, promoting safety and preventing unintentional injury and violence, promoting mental and emotional health, a tobacco-free lifestyle and an alcohol and other drug free lifestyle, and promoting human development and family health. This course provides students with the knowledge and skills to health and wellness core concepts, analyzing influences, accessing information, interpersonal communication, decision-making and goal-setting skills, health-enhancing behaviors, and health and wellness advocacy skills.</p>
<p><i>Fulfills the Health and Wellness requirement for all diploma types</i></p>	

Advanced Health and Wellness Education

<p>Grade Level: 10-12 Course #: 3500 Length: 1 Semester Credit(s): One Diploma: Counts as an elective requirement for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Health & Wellness</p>	<p>Advanced Health and Wellness provides advanced knowledge and skills to help students adopt and maintain healthy behaviors. Through a variety of instructional strategies, students practice the development of functional advanced health information (essential concepts): determine personal values that support health behaviors; develop group norms that value a healthy lifestyle; develop the essential skills necessary to adopt, practice, and maintain health-enhanced behaviors. Advanced Health and Wellness provides students with an in-depth study of unintentional injury and violence, promoting mental and emotional health, a tobacco, alcohol, and other drug-free lifestyle, and promoting human development and family health. The scientific components of health and wellness, health issues and concerns, health risk appraisals, individual wellness plans, health promotion and health careers are expanded and explored within the context of the course. This course provides students with the advanced knowledge and skills of health and wellness core concepts, analyzing influences, accessing information, interpersonal communication, decision-making and goal-setting skills, health-enhancing behaviors, and health and wellness advocacy skills.</p>
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Elective Physical Education: Aerobic Walking

<p>Grade Level: 10-12 Course #: 3564 Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Physical Education I & II</p>	<p><i>Elective Physical Education: Aerobic Walking</i> is a one semester course designed to help students understand the various walking programs that are available to increase cardiovascular endurance. Learning experiences include the concepts of heart monitoring, blood pressure measurement, and care of physical injuries inherent to over training or accidents while walking.</p>
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Elective Physical Education: Functional Fitness

<p>Grade Level: 10-12 Course #: 3562 Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Physical Education I & II</p>	<p><i>Elective Physical Education: Functional Fitness</i> is a one semester course designed to develop cardiovascular fitness. Activities may include step aerobics, low/high impact aerobics, interval/circuit training, boot camp, and the latest fitness trends (i.e Pulse, Yoga, Pilates, Zumba, etc.) Students will be required to develop an appropriate aerobic exercise routine and then present/teach that routine to the class as the final assessment.</p>
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Elective Physical Education: Conditioning and Weight Training I

<p>Grade Level: 10-12 Course #: 3563A Length: Full Year Credit(s): Two Diploma: Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Successful completion of Physical Education I and II</p>	<p>This course will help prepare students for a better understanding of lifetime physical fitness. During this course, students will be engaged in team sports, dual sports, stretching, and other cardio activities with a concentrated emphasis on weight training. The academic portion of the course will improve the student's knowledge in areas such as biomechanics and fitness terminology. Students will be given fitness and written exams periodically to assess the understanding of level of fitness.</p>
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Elective Physical Education: Conditioning and Weight Training II

<p>Grade Level: 11-12 Course #: 3563B Length: Full Year Credit(s): Two Diploma: Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Elective Physical Education: Conditioning and Weight Training I</p>	<p>This course will help to further prepare students for a better understanding of lifetime physical fitness. During this course, students will be engaged in team sports, dual sports, stretching, and other cardio activities with a concentrated emphasis on weight training. The academic portion of the course will improve the student's knowledge in areas such as biomechanics and fitness terminology. Students will be given fitness and written exams periodically to assess the understanding of level of fitness.</p>
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Elective Physical Education: Conditioning and Weight Training III

<p>Grade Level: 12 Course #: 3563C Length: Full Year Credit(s): Two Diploma: Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: : Elective Physical Education: Conditioning and Weight Training II</p>	<p>This course will help to further prepare students for a better understanding of lifetime physical fitness. During this course, students will be engaged in team sports, dual sports, stretching, and other cardio activities with a concentrated emphasis on weight training. The academic portion of the course will improve the student's knowledge in areas such as biomechanics and fitness terminology. Students will be given fitness and written exams periodically to assess the understanding of level of fitness.</p>
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Elective Physical Education: Movement and Dance Technique I

<p>Grade Level: 10-12 Course #: 3561A (guard +class) 3561W (class only) Length: Full Year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>This second level class provides the opportunity for students to experience more advanced degrees of physical prowess, technique, flexibility, and the study of dance performance. Students will examine choreography and stage productions and observe dance performances through live and recorded means. Students will be able to describe, analyze, interpret, and judge dance performances within the genre. Auditions are held in the spring for entrance into the competing section of the (3561A) class only.</p>
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Elective Physical Education: Movement and Dance Technique II

<p>Grade Level: 11-12 Course #: 3561B(guard +class) 3561X (class only) Length: Full Year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Elective Physical Education: Movement and Dance Technique I</p>	<p>This third level class provides the opportunity for students to experience advanced degrees of physical prowess, technique, flexibility, and the study of dance performance. Students will observe dance performances through live and recorded means. Students will be able to describe, analyze, interpret and judge dance performances within the genre, and choreograph stage productions. Auditions are held in the spring for entrance into the competing section of the class, (3561B only).</p>
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Elective Physical Education: Movement and Dance Technique III

<p>Grade Level: 12 Course #: 3561C (guard +class) 3561Y (class only) Length: Full Year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Elective Physical Education: Movement and Dance Technique II</p>	<p>This fourth level class provides opportunities for students to experience advanced degrees of physical prowess, technique, flexibility, and the study of dance performance. Students will observe dance performances through live and recorded means. Students will be able to describe, analyze, interpret, and judge dance performances within the genre. They will choreograph stage productions and organize business aspects of a dance concert. Auditions are held in the spring for entrance into the competing section of the (3561C) class only.</p>
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MATHEMATICS

Math Basic Skills

<p>Grade Level: 10-12 Course #: 0500MB Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Students may be recommended by middle school teacher or have failed the Math portion of the ISTEP+ Graduation Exam.</p>	<p>This course is designed to assist those students that have passed Algebra 1 but have not been successful on the End of Course Assessment. This course will review the topics of Algebra 1 with a special emphasis linear equations and inequalities, sketching and interpreting graphs, systems of linear equations, polynomials, and quadratic equations. Successfully completing Math Basic Skills will count as one of the steps, if the student finds it necessary to ask the State for a waiver. This course will receive one credit per semester, but the credit will not count toward the Math requirements for a high school diploma. This course may be taken for credit again to satisfy the guidelines for a waiver, if the student is not successful on the ECA retest.</p>
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Mathematics Lab - Transition

<p>Grade Level: 9 Course #: 2560 Length: Full Year Credit(s): Two Elective Credits Diploma: General</p> <p>Prerequisite: None; By Recommendation Only</p>	<p><i>Mathematics Lab -Transition</i> is a course designed to transition students into a regular Algebra I class the following year. Students will focus on the pre-requisite math skills needed for Algebra I as well as the study skills that will be required to be successful in an Algebra I course. Students are placed in this class by recommendation only.</p>
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Algebra I Lab

<p>Grade Level: 9th & 10th Course #: 2516 Length: 1 or 2 semesters Credit(s): One or Two Math credits for general diploma or One or Two elective credits for other diplomas; Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Must be enrolled in Algebra I</p>	<p><i>Algebra I Lab</i> is a mathematics support course for <i>Algebra I</i>. The course provides students with additional time to build the foundations necessary for high school math courses, while concurrently having access to rigorous, grade-level appropriate courses. The five critical areas of <i>Algebra I Lab</i> align with the critical areas of <i>Algebra I</i>. Relationships between Quantities and Reasoning with Equations; Linear and Exponential Relationships; Descriptive Statistics; Expressions and Equations; and Quadratic Functions and Modeling. However, whereas <i>Algebra I</i> contains exclusively grade-level content, <i>Algebra I Lab</i> combines standards from high school courses with foundational standards from the middle grades.</p>
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Algebra I

<p>Grade Level: 9-10 Course #: 2520 Length: Full year Credit(s): Two Diploma: Counts as a Mathematics course for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Algebra I</i> formalizes and extends the mathematics students learned in the middle grades. <i>Algebra I</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. The 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 Process Standards for Mathematics apply throughout each course and, together with the content 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.</p>
<p><i>Fulfills the Algebra I / Integrated Mathematics I requirements for all diplomas</i> <i>Students pursuing Core 40, Academic Honors, or Technical Honors diploma should receive credit for Algebra I by the end of Grade 9</i></p>	

Mathematics Lab Algebra II

<p>Grade Level: 9-12 Course #: 2560B Length: 1 or 2 Semesters Credit(s): One or Two Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Algebra I</p>	<p><i>Mathematics Lab Algebra II</i> provides an opportunity for individualized instruction designed to help students successfully complete high-level work in Algebra II. Although a student may take mathematics labs more than two semesters, only two elective credits may be earned for Mathematics Lab Algebra II. *This course does not meet mathematics credit requirements for graduation.</p>
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Algebra II

<p>Grade Level: 10-12 Course #: 2522 Length: Full Year Credit(s): Two Diploma: Counts as a Mathematics Course for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Algebra I</p>	<p><i>Algebra II</i> 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. <i>Algebra II</i> 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 Process Standards for Mathematics apply throughout each course and together with the content 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.</p>
<p><i>Fulfills the Algebra II / Integrated Mathematics III requirements for all diplomas</i></p>	

Algebra II, Pre-AP

<p>Grade Level: 10-12 Course #: 2522T Length: Full Year Credit(s): Two Diploma: Counts as a Mathematics Course for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Successful completion of Algebra I</p>	<p><i>Algebra II, Pre-AP</i> 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. <i>Algebra II, Pre-AP</i> 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 Process Standards for Mathematics apply throughout each course and, together with the content standards, prescribed that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. ANY student who plans to take Advanced Placement Calculus should take this course as part of their preparations..</p>
<p><i>Fulfills the Algebra II / Integrated Mathematics III requirements for all diplomas</i></p>	

Advanced Mathematics-College Credit-College Algebra

<p>Grade Level: 11-12 Course #: 2544 Length: Full Year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Algebra I, Algebra II, Geometry</p>	<p>This course may provide dual credit through Ivy Tech for MATH 136. Students will have in-depth study of functions, quadratic, polynomial, radical, and rational equations, radicals, complex numbers, and systems of equations, rational fractions and exponential and logarithmic functions.</p>
<p><i>Counts as a Mathematics Course for all diplomas</i></p>	

Mathematics Lab Geometry

<p>Grade Level: 9-12 Course #: 2560C Length: 1 or 2 Semesters Credit(s): One or Two Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Algebra</p>	<p><i>Mathematics Lab Geometry</i> provides an opportunity for individualized instruction designed to help students successfully complete high-level work in Geometry. Although a student may take mathematics labs more than two semesters, only two elective credits may be earned for Mathematics Lab Geometry. *This course does not meet mathematics credit requirements for graduation.</p>
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Geometry

<p>Grade Level: 9-12 Course #: 2532 Length: Full year Credit(s): Two Diploma: Counts as a Mathematics Course for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Geometry</i> 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 <i>Geometry</i> course: Logic and Proofs; Points, Lines, Angles, and Planes; Triangles; Quadrilaterals and Other Polygons; Circles; Transformations; and Three-dimensional Solids. The Process Standards for Mathematics apply throughout each course and, together with the content 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.</p>
<p><i>Fulfills the Geometry / Integrated Mathematics II requirement for the Core 40, Academic Honors, and Technical Honors diplomas</i></p>	

Geometry, Pre-AP

<p>Grade Level: 10 Course #: 2532T Length: Full year Credit(s): Two Diploma: Counts as a Mathematics Course for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Recommended successful completion of previous math course.</p>	<p><i>Geometry</i> provides students with experiences that deepen the understanding of shapes and their properties. Deductive and inductive reasoning as well as investigative strategies in drawing conclusions are stressed. Properties and relationships of geometric figures include the study of (1) angles, (2) lines, (3) planes, (4) congruent and similar triangles (5) trigonometric ratios, (6) polygons, and (7) circles and spatial drawings. An understanding of proof and logic is developed. Use of graphing calculators and computer drawing programs is encouraged.</p>
<p><i>Fulfills the Geometry / Integrated Mathematics II requirement for the Core 40, Academic Honors, and Technical Honors diplomas</i></p>	

Pre-Calculus (2564T)/Trigonometry (2566T) Pre-AP

<p>Grade Level: 11-12 Course #: 2564T / 2566T Length: <i>Special Note</i>-both courses run concurrently for entire year Credit(s): Two (one per semester) Diploma: Counts as a Mathematics Course for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Recommended Successful Completion of Algebra II</p>	<p>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 Process Standards for Mathematics apply throughout each course and, together with the content 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.</p> <p>Trigonometry provides students with the skills and understandings that are necessary for advanced manipulation of angles and measurement. Trigonometry provides the foundation for common periodic functions that are encountered many disciplines, including music, engineering, medicine, and finance (and nearly all other STEM disciplines). Trigonometry consists of seven strands: Conics, Unit Circle, Geometry, Periodic Functions, Identities, Polar Coordinates, and Vectors. Students will also advance their understanding of imaginary numbers through an investigation of complex numbers and polar coordinates. A strong understanding of complex and imaginary numbers is a necessity for fields such as engineering and computer programming. The Process Standards for Mathematics apply throughout each course and, together with the content 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.</p>
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Advanced Mathematics-College Credit-Trigonometry

<p>Grade Level: 11-12 Course #: 2543 Length: 2 Semesters Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Advanced Mathematics-College Credit-College Algebra</p>	<p><i>Advanced Mathematics-College Credit-Trigonometry</i> provides students with the skills and understandings that are necessary for advanced manipulation of angles and measurement. Trigonometry consists of seven strands: Conics, Unit Circle, Geometry, Periodic Functions, Identities, Polar Coordinates, and Vectors. Students will also advance their understanding of imaginary numbers through an investigation of complex numbers and polar coordinates. The Trigonometry portion of this course is aligned with Ivy Tech MATH 137, allowing students to earn dual credit.</p>
<p><i>Counts as a Mathematics Course for all diplomas</i></p>	

Statistics, Advanced Placement

<p>Grade Level: 11-12 Course #: 2570 Length: Full Year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Pre-AP Algebra 2</p>	<p><i>Advanced Placement Statistics</i> is a course based on content established by the College Board. The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes. The themes include (1) Exploring Data: Describing patterns and departures from patterns, (2) Sampling and Experimentation: Planning and conducting a study, (3) Anticipating Patterns: Exploring random phenomena using probability and simulation, and (4) Statistical Inference: Estimating population parameters and testing hypotheses. Students should be aware that this is a college level course and students that make satisfactory scores on the College Board Placement Test in the spring may earn college credit.</p>
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Calculus AB, Advanced Placement

<p>Grade Level: 12 Course #: 2562 Length: Full Year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Pre-Calculus Pre-AP or Pre-Calculus, with instructor permission</p>	<p>This college level course is intended for students who have a thorough knowledge of college preparatory mathematics including algebra, axiomatic geometry, trigonometry, and analytical geometry. <i>Calculus AB</i> is a course in introductory calculus with elementary functions. Generally, topics include limits, continuity, derivatives, definite integrals, and techniques of integration involving rational, trigonometric, logarithmic, and exponential functions. The course should also include applications of the derivative, the integral, and theory of calculus. Students making satisfactory scores on the College Board Advanced Placement Test in the spring may earn college credit. A graphing calculator is required and considerable computer work will be done. *A complete list of topics is available from the Advanced Placement Course Description Booklet. **Teacher recommendation required.</p>
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Calculus BC, Advanced Placement

<p>Grade Level: 12 Course #: 2572 Length: Full Year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Calculus AB, Advanced Placement</p>	<p><i>AP Calculus BC</i> is a college level course intended for the highly prepared high school math student who would like to earn college credit in calculus. With a satisfactory score on the College Board Advanced Placement test, most colleges grant credit and/or advanced placement for one course level beyond that granted for Calculus AB. The BC course includes all AB topics plus considerable advanced material. Additional material includes parametric, polar and vector functions, logistic differential equations, polynomial approximations and series. A graphing calculator is required and there is considerable computer work. Students are expected to take the College Board Advanced Placement Test in May.</p>
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MULTIDISCIPLINARY

Peer Tutoring

<p>Grade Level: 10-12 Course #: 0520 Length of Course: 1 Semester (up to 2 semesters maximum) Credit(s): 1 credit per semester Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors Prerequisite: None</p>	<p><i>Peer Tutoring</i> provides high school students with an organized exploratory experience to assist students in kindergarten through grade twelve (K-12), through a helping relationship, with their studies and personal growth and development. The course provides opportunities for the students taking the course to develop a basic understanding of individual differences and to explore career options in related fields. <i>Peer Tutoring</i> experiences are preplanned by the teacher trainer and any cooperating teacher under whom the tutoring is to be provided. It must be conducted under the supervision of a licensed teacher. The course provides a balance of class work relating to the development of and use of: (1) listening skills, (2) communication skills, (3) facilitation skills, (4) decision-making skills, and (5) teaching strategies.</p>
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MUSIC

Beginning Concert Band

<p>Grade Level: 9-12 Course #: 4160 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors Prerequisite: None</p>	<p>This is a moderate level of concert band. Ensemble and solo activities are designed to develop elements of musicianship including: (1) tone production, (2) technical skills, (3) intonation, (4) music reading skills, (5) listening skills, (6) analyzing music, and (7) studying historically significant styles of literature. This group will perform at many functions and perform at least two concerts during the school year as well as the district concert band contest in April. Participation in solo ensemble contest is encouraged. Previous participation in middle school band or its equivalent is suggested but not required. Members of this group will be part of the marching band during the first nine weeks or will be required to complete alternative projects designated by the band director.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Intermediate Concert Band

<p>Grade Level: 10-12 Course #: 4168 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Beginning Concert Band</p>	<p>This is an <i>intermediate concert band</i> course which further develops elements of musicianship in the following areas: (1) tone production, (2) technical skills, (3) intonation, (4) music reading skills, (5) listening skills, (6) analyzing music, and (7) studying historically significant styles of literature. The band will present three or four concerts per year and perform in the district concert band contest in April. Participation in solo ensemble contest is encouraged. Members of this group will be part of the marching band during the first nine weeks or will be required to complete alternative projects as designated by the band director.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Advanced Concert Band

<p>Grade Level: 11-12 Course #: 4170 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Intermediate Concert Band</p>	<p>This course is <i>advanced concert band</i>. This group of students represents the best players in our program and will present three or four concerts per year. Participation in solo ensemble contest is expected and private lessons are encouraged. Individual experiences may include, but are not limited to, improvising, conducting, playing by ear, and sight-reading. Members of this group will be part of the marching band during the first nine weeks or will be required to complete alternative projects as designated by the band director. This course may be repeated for credit.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Beginning Chorus

<p>Grade Level: 9-12 Course #: 4182 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Beginning chorus</i> is offered to students with no previous chorus experience. Students will learn proper choral procedures and techniques, music fundamentals, vocal techniques, and elements of choral singing. Various styles of music such as swing, pop, light rock, and classical will be performed through choral ensemble experience. The choir will perform for various school and community functions.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Intermediate Chorus

<p>Grade Level: 10-12 Course #: 4186 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Beginning Chorus</p>	<p>Students will learn proper choral procedures and techniques, music fundamentals, vocal techniques, and elements of choral singing. Various styles of music such as swing, pop, light rock, and classical will be performed through more advanced choral ensemble experiences. The choir will perform for various school and community functions. Students may participate in advanced levels of solo and ensemble contests. Students in the Show Choir section of the class are chosen in the spring semester by audition for the following year. Auditions for this section will not be offered at any other time during the school year except in the event a student leaves the group or is removed due to violation of school policies. Numerous public performances, for which attendance is required, are scheduled for this group.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Advanced Chorus

<p>Grade Level: 11-12 Course #: 4188 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Intermediate Chorus</p>	<p>Students will perform with the proper choral procedures and techniques, music fundamentals, vocal techniques, and elements of choral singing. Various styles of music such as swing, pop, light rock, and classical will be performed through advanced choral ensemble experiences. The choir will perform for various school and community functions. Students may participate in advanced levels of solo and ensemble contests. Students in the Show Choir section of the class are chosen in the spring semester by audition for the following year. Auditions for this section will not be offered at any other time during the school year except in the event a student leaves the group or is removed due to violation of school policies. Numerous public performances, for which attendance is required, are scheduled for this group.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Madrigal Choir and Vocal Jazz

<p>Grade Level: 10-12 Course #: 4180 Length: Madrigal Sem 1 Vocal Jazz Sem 2 Credit(s): One per semester Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Advanced Choir</p>	<p><i>Madrigal Choir and Vocal Jazz</i> – Choral Chamber Ensemble (CHRL ENSEM) is based on the Indiana Academic Standards for High School Choral Music. Students' musicianship and specific performance skills in this course are enhanced through specialized small group instruction. The activities expand the repertoire of a specific genre. Chamber ensemble classes provide instruction in creating, performing, listening to, and analyzing music in addition to focusing on specific subject matter. 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.</p>
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Dance Performance: Ballet, Modern, Jazz, or Ethnic-Folk

<p>Grade Level: 9-12 Course #: 4146 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>This class will provide learning experiences that will develop techniques appropriate within modern and jazz genres. Sequential and systematic learning activities are designed to develop the ability to express thoughts, perceptions, feelings, and images through movement. Activities utilize a wide variety of materials and experiences and are designed to develop techniques appropriate to the genre including individual and group instruction in performance repertoire and skills. The class provides the opportunity for students to experience degrees of physical prowess, technique, and flexibility. Furthermore, students study dance performance as an artistic discipline and as a form of artistic communication. Students will be able to describe, analyze, interpret, and judge dance performances within the genre. Auditions are held in the spring for entrance into the performing section of the class.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Music History and Appreciation

<p>Grade Level: 11-12 Course #: 4206 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>This course provides an introduction to the principles of intelligent listening to music through recordings and live vocal and instrumental performances. Basic elements of music form, instrument recognition, rhythmic elements, and structural features of music are studied.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

Music Theory and Composition

<p>Grade Level: 11-12 Course #: 4208 Length: 1 Semester Credit(s): One Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Music theory</i> is planned for students seriously interested in harmony and composition in music education. This course is not only designed for students who intend to make music their career but also for those who are interested in music as an avocation.</p>
<p><i>Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma</i></p>	

SCIENCE

Anatomy and Physiology

<p>Grade level: 11-12 Course#: 5276 Length: Full year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Biology I</p>	<p><i>Anatomy & Physiology</i> 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.</p>
<p><i>Fulfills a Core 40 science course requirement for all diplomas</i></p>	

Biology I

<p>Grade level: 10 Course #: 3024 Length: Full year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>Biology I is a course based on the following core topics: cellular chemistry, structure and reproduction; matter cycles and energy transfer; interdependence of organisms; molecular basis of heredity; genetics and 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.</p>
<p><i>Fulfills the Biology requirement for all diplomas</i></p>	

Biology I, Pre-AP

<p>Grade level: 9 Course #: 3024T Length: Full year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: none</p>	<p><i>Pre-AP Biology I</i> is a course based on the following core topics: cellular chemistry, structure and reproduction; matter cycles and energy transfer; interdependence of organisms; molecular basis of heredity; genetics and 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. Some topics are covered in more depth than Biology I. In order to develop a student's ability in applying the scientific method to solve a problem, a research project will be required and presented at a science fair.</p>
<p><i>Fulfills the Biology requirement for all diplomas</i></p>	

Biology II, General

<p>Grade level: 10-12 Course #: 3026 Length: Full year Credit(s): Two Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Dual credit Availability</p> <p>Prerequisite: Biology I and Chemistry I</p>	<p>Biology II is an advanced laboratory, field, and literature investigations-based course. Students enrolled in Biology II examine in greater depth the structures, functions, and processes of living organisms. Students also analyze and describe the relationship of Earth's living organisms to each other and to the environment in which they live. In this course, students refine their scientific inquiry skills as they collaboratively and independently apply their knowledge of the unifying themes of biology to biological questions and problems related to personal and community issues in the life sciences.</p>
<p><i>Fulfills a Core 40 science course requirement for all diplomas</i></p>	

Biology, Advanced Placement

<p>Grade level: 11-12 Course #: 3020 Length: Full year Credit(s): Two Diploma: Counts as a Science Course for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Biology I and Chemistry I</p>	<p>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.</p>
<p><i>Qualifies as a quantitative reasoning course</i></p>	

Chemistry I

<p>Grade level: 10-12 Course #: 3064 Length: Full year Credit(s): Two Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Biology I and Algebra I with an A or B</p>	<p>Chemistry I is a course based on the following core topics: properties and states of matter; atomic structure; bonding; chemical reactions; solution chemistry; behavior of gases, and organic chemistry. 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.</p>
<p><i>Fulfills Core 40 science (physical) course requirement for all diplomas</i> <i>Qualifies as a quantitative reasoning course</i></p>	

Chemistry I, Pre-AP

<p>Grade level: 10-12 Course #: 3064T Length: Full year Credit(s): Two Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Biology I and Algebra I with an A or B</p>	<p>Chemistry I is a course based on the following core topics: properties and states of matter; atomic structure; bonding; chemical reactions; solution chemistry; behavior of gases, and organic chemistry. 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. Some topics are covered in more depth than Chemistry I. In order to develop a student's ability in applying the scientific method to solve a problem, a research project will be required and presented at a science fair.</p>
<p><i>Fulfills Core 40 science (physical) course requirement for all diplomas</i> <i>Qualifies as a quantitative reasoning course</i></p>	

Chemistry II, General

<p>Grade level: 11-12 Course #: 3066 Length: Full year Credit(s): Two Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Pre-requisite: Chemistry I, Algebra II</p>	<p>Chemistry II is an extended laboratory, field, and literature investigations-based course. Students enrolled in Chemistry II examine the chemical reactions of matter in living and nonliving materials. Based on the unifying themes of chemistry and the application of physical and mathematical models of the interactions of matter, students use the methods of scientific inquiry to answer chemical questions and solve problems concerning personal needs and community issues related to chemistry.</p>
<p><i>Fulfills Core 40 science course requirement for all diplomas</i> <i>Qualifies as a quantitative reasoning course</i></p>	

Chemistry, Advanced Placement

<p>Grade level: 12 Course #: 3060 Length: Full year Credit(s): Two Diploma: Counts as a Science course for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Pre-requisite: Chemistry I, College Algebra or Pre-Calculus/Trigonometry Pre-AP</p>	<p>AP Chemistry 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 content includes: (1) structure of matter: atomic theory and structure, chemical bonding, molecular models, nuclear chemistry; (2) states of matter: gases, liquids and solids, solutions; and (3) reactions: reaction types, stoichiometry, equilibrium, kinetics and thermodynamics.</p>
<p><i>Qualifies as a quantitative reasoning course</i></p>	

Earth and Space Science I

<p>Grade Level: 9-12 Course #: 3044 Length: Full Year Credit(s): Two Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Earth and Space Science I</i> is a course focused on the following core topics: study of the earth's layers; atmosphere and hydrosphere; structure and scale of the universe; the solar system and 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.</p>
<p><i>Fulfills a Core 40 science course requirement for all diplomas</i></p>	

Advanced Science, Earth and Space Science II

<p>Grade Level: 11-12 Course #: 3046 Length: Full Year Credit(s): Two Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Earth and Space Science I</p>	<p><i>Earth and Space Science II</i> is an extended laboratory, field, and literature investigations-based course whereby students apply concepts from other scientific disciplines in synthesizing theoretical models of Earth and its interactions with the macrocosm. Students enrolled in this course examine various Earth and space science phenomena, such as the structure, composition, and interconnected systems of Earth and the various processes that shape it, as well as Earth's lithosphere, atmosphere, hydrosphere, and celestial environment. Students analyze and apply the unifying themes of Earth and space science as part of scientific inquiry aimed at investigating Earth and space science problems related to personal needs and community issues.</p>
<p><i>Fulfills a Core 40 science course requirement for all diplomas</i></p>	

Environmental Science

<p>Grade level: 11-12 Course #: 3010 Length: Full year Credit(s): Two Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Pre-requisites: ICP or Chemistry I, and Biology I</p>	<p><i>Environmental Science</i> is an interdisciplinary course that integrates biology, earth science, chemistry and other disciplines. Students enrolled in this course conduct in-depth scientific studies of ecosystems, population dynamics, resource management, and environmental consequences of natural and anthropogenic processes. Students may 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.</p>
<p><i>Fulfills a Core 40 science (life) course requirement for all diplomas</i></p>	

Integrated Chemistry-Physics

<p>Grade level: 9 Course #: 3108 Length: Full year Credit(s): Two Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Algebra I or concurrently</p>	<p><i>Integrated Chemistry-Physics (ICP)</i> is a course focused on the following core topics: motion and energy of macroscopic objects; chemical, electrical, mechanical and nuclear energy; properties of matter; transport of energy; magnetism; energy production and its relationship to the environment and economy. 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</p>
<p><i>Fulfills a Core 40 science (physical) course requirement for all diplomas</i></p>	

Life Science (L)

<p>Grade Level: 9-10 Course #: 3030 Length: one semester Credit(s): One Diploma: Counts as a science course for the General diploma only. Counts as an Elective for the core 40, Academic Honors, Technical Honors</p> <p>Prerequisites: None</p>	<p><i>Life Science</i> is an introduction to the biology course. Students develop problem-solving skills and strategies while performing laboratory and field investigations of fundamental biological concepts and principles. Students explore the functions and processes of cells within all living organisms, the sources and patterns of genetic inheritance and variation leading to biodiversity, and the relationships of living organisms to each other and to the environment as a whole.</p>
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Physical Science (L)

<p>Grade Level: 9-10 Course #: 3102 Length: one semester Credit(s): One Diploma: Counts toward the physical science requirement for the General diploma. Counts as an Elective for the core 40, Academic Honors, Technical Honors</p> <p>Prerequisites: None</p>	<p><i>Physical Science</i> is a course in which students develop problem solving skills and strategies while performing laboratory and field investigations of fundamental chemical, physical, and related Earth and space science concepts and principles that are related to students' interests and that address everyday problems. Students enrolled in Physical Science will explore the structure and properties of matter, the nature of energy and its role in chemical reactions and the physical and chemical laws that govern Earth's interconnected systems and forces of nature.</p>
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Physics I

<p>Grade level: 10-12 Course #: 3084 Length: Full year Credit(s): Two Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisites: Algebra II (may be concurrent); ICP or Chemistry I is recommended</p>	<p><i>Physics I</i> is a course focused on the following core topics: motion and forces; energy and momentum; temperature and thermal energy transfer; electricity and magnetism; vibrations and waves; light and optics. 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.</p>
<p style="text-align: center;"><i>Fulfills a Core 40 science (physical) course requirement for all diplomas Qualifies as a quantitative reasoning course</i></p>	

Physics I, Pre-AP

<p>Grade level: 10-12 Course #: 3084T Length: Full year Credit(s): Two Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisites: Algebra II (may be concurrent); ICP or Chemistry I is recommended</p>	<p><i>Physics I</i> is a course focused on the following core topics: motion and forces; energy and momentum; temperature and thermal energy transfer; electricity and magnetism; vibrations and waves; light and optics. 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. Some topics are covered in more depth than Physics I. In order to develop a student's ability in applying the scientific method to solve a problem, a research project may be required and presented at a science fair.</p>
<p><i>Fulfills a Core 40 science (physical) course requirement for all diplomas</i> <i>Qualifies as a quantitative reasoning course</i></p>	

Physics I Algebra-Based, Advanced Placement (L)

<p>Grade level: 10-12 Course #: 3080 Length: Full Year Credit(s): Two Diploma: Counts as a Science Course for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisites: Algebra II (may be concurrent); ICP or Chemistry I is recommended</p>	<p><i>AP Physics1</i> 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 Physics 1: Algebra-based is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric.</p>
<p><i>Qualifies as a quantitative reasoning course</i></p>	

Physics II Algebra-Based, Advanced Placement (L)

<p>Grade level: 11-12 Course #: 3081 Length: Full Year Credit(s): Two Diploma: Counts as a Science Course for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisites: AP Physics I; Algebra based</p>	<p><i>AP Physics2</i> 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 Physics 2: Algebra-based is equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics.</p>
<p><i>Qualifies as a quantitative reasoning course</i></p>	

Physics C-Mechanics, Advanced Placement

<p>Grade level: 11-12 Course #: 3088 Length: Full Year Credit(s): Two Diploma: Counts as a Science Course for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisites: AP Physics I; Algebra based, AP Calculus (may be concurrent), Chemistry I</p>	<p><i>AP Physics C</i> 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. There are two AP Physics C courses, <i>Physics C: Mechanics</i>, and <i>Physics C: Electricity and Magnetism</i>. AP Physics C: Mechanics provides instruction in each of the following six content areas: kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation.</p>
<p><i>Qualifies as a quantitative reasoning course</i></p>	

Advanced Science, Special Topics (L)

<p>Grade level: 12 Course #: 3092 Length: Full year Credit(s): Two Diploma: Counts as a Science Course for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: at least 3 years of Core 40 Science courses</p>	<p>Advanced Science, Special Topics is any science course which is grounded in extended laboratory, field, and literature investigations into one or more specialized science disciplines, such as anatomy/physiology, astronomy, biochemistry, botany, ecology, electromagnetism, genetics, geology, nuclear physics, organic chemistry, etc. Students enrolled in this course engage in an in-depth study of the application of science concepts, principles, and unifying themes that are unique to that particular science discipline and that address specific technological, environmental or health-related issues. Under the direction of a science advisor, students enrolled in this course will complete an end-of-course project and presentation, such as a scientific research paper or science fair project, integrating knowledge, skills, and concepts from the student's course of study. Individual projects are preferred, but group projects may be appropriate if each student in the group has specific and unique responsibilities.</p>
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Science Tutorial

<p>Grade level: 9-12 Course #: 3094 Length: 1 semester Credit(s): 1 credit per semester, 8 credits maximum Diploma: Counts as an elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: This course must be taken concurrently with a Core 40 science course</p>	<p><i>Science Tutorial</i> provides students with individualized instruction designed to support success in completing Core 40 science coursework for each year that they are enrolled in Core 40 science courses.</p>
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SOCIAL STUDIES

Current Problems/Issues/Events

<p>Grade Level: 9-12 Course #: 1512 Length: 1 Semester Credit(s): One Diploma: Counts as an elective for all diplomas; General, Core 40, Academic Honors, Technical Honors Prerequisite: None</p>	<p>This is a one semester course for freshman, sophomore, junior and senior level students. This course provides opportunities to apply techniques of investigation and inquiry to the study of significant problems or issues. Students will develop competence in 1) recognizing cause and effect relationships, (2) recognize fallacies in reasoning and propaganda devices, (3) organize knowledge into useful patterns, (4) state and test theories, and (5) generalize based on evidence. Students will expand their reading comprehension skills by using a weekly news magazine (and other forms of media) in lieu of a textbook.</p>
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Indiana Studies

<p>Grade Level: 9-12 Course #: 1518 Length: 1 Semester Credit(s): One Diploma: Counts as an elective for all diplomas; General, Core 40, Academic Honors, Technical Honors Prerequisite: None</p>	<p>This one semester course is an integrated program comparing and contrasting Indiana and the nation's development in the areas of politics, economics, and history. The course utilizes Indiana history as a basis for understanding current policies, practices, and state legislative procedures. The course may include the study of state and national constitutions and an examination of leaders and roles in a democratic society. Indiana authors, famous personalities and legends are included in the content. Field trips are incorporated into the semester. Indiana geography and a study of Clay County are also included.</p>
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Geography and History of the World

<p>Grade Level: 9-12 Course #: 1570 Length: Full Year Credit(s): Two Diploma: Counts as a Social Studies requirement for the General diploma. Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors Prerequisite: None</p>	<p>Students enrolled in this course will develop and use the six elements of geography to better understand current events and issues facing the world today. The elements will include the world in spatial terms, places and regions, physical systems, human systems, environment and society, and the uses of geography. Students will demonstrate an understanding of these elements of geography in a context of world history, primarily from 1450 to present. Class projects will include gathering and disseminating of information on governments, economies, cultures, activities, and belief systems of various societies. Students will gather information using a variety of sources.</p>
<p><i>Fulfills the Geography History of the World / World History and Civilization graduation requirement for the Core 40, Academic Honors and Technical Honors diplomas</i></p>	

World History/Civilization

<p>Grade Level: 10-12 Course #: 1548 Length: Full Year Credit(s): Two Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: None</p>	<p>This two semester course emphasizes events and developments in the past that greatly affected large numbers of people across broad areas of earth and that significantly influenced people and places in subsequent eras. Students will be expected to practice historical thinking and inquiry skills. They will also compare and contrast events and developments involving diverse peoples and civilizations in different regions of the world, examine examples of continuity and change, universality and particularity, and unity and diversity among peoples and cultures from the past to the present.</p>
<p><i>Fulfills the Geography History of the World / World History and Civilization graduation requirement for the Core 40, Academic Honors and Technical Honors diplomas</i></p>	

World History/Civilization, Pre-AP

<p>Grade Level: 9-12 Course #: 1548T Length: Full Year Credit(s): Two Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: None</p>	<p>This two semester course emphasizes events and developments in the past that greatly affected large numbers of people across broad area of earth and that significantly influenced people and places in subsequent eras. Students will be expected to practice historical thinking and inquiry skills. They will also compare and contrast events and developments involving diverse peoples and civilizations in different regions of the world, examine examples of continuity and change, universality and particularity, and unity and diversity among peoples and cultures from the past to the present. Students in this course will be expected to discuss and engage in higher level thinking. They will work with primary sources and learn how to construct a Document Based Question. This course should prepare a student for future Advanced Placement courses.</p>
<p><i>Fulfills the Geography History of the World / World History and Civilization graduation requirement for the Core 40, Academic Honors and Technical Honors diplomas</i></p>	

Topics in History: The Early United States

<p>Grade Level: 9-12 Course #: 1538AT Length: 1 Semester Credit(s): One Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>This course is designed to familiarize students with historical events and concepts of the Pre-Civil War Era of American History. Emphasis will be placed on how events in this period laid the foundation for future growth and development of the nation. The development of historical research skills using primary and secondary sources will be emphasized. *This course is a recommended prerequisite for United States History, Advanced Placement.</p>
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Topics in History: Advanced Placement, Enrichment Social Studies

<p>Grade Level: 10-12 Course #: 1538CT Length: 1 Semester (Spring only) Credit(s): One Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Enrolled in: AP US History, AP European History</p>	<p>This course will be offered in the spring semester only, and is for those students enrolled in AP European or AP United States History. It is designed to support those students in their writing and test taking skills. They will analyze primary source documents and techniques in how to interpret them, as well as, using those documents in writing of a Document Based Question (DBQ). Instruction will guide students through the writing of historical essays and test taking techniques that will aid them during the AP Exam. It will supplement the learning that occurs in the classroom and offers additional time to collaborate with peers and teacher.</p>
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Topics in History: United States History Through Film

<p>Grade Level: 9-12 Course #: 1538DT Length: 1 Semester Credit(s): One Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>Since the turn of the 20th century, motion pictures have been one of the most universal means of entertainment and culture. For this reason, movies have also become one of the most vital and widespread methods of interpreting the past. The films chosen for this class are presentations of history rather than documentations of history. That is, they are reenactments of historical events rather than documentary records of events. These films may present historical content in two ways:</p> <ol style="list-style-type: none"> 1) As a factual record: Film is used to dramatize what happened in the past. 2) To convey atmosphere: The use of fiction to convey a sense of the past lifestyles, values, or beliefs. <p>This course is a semester elective course. Because of the nature of the course and the amount of time that must be dedicated to screening films, this class will be very different than a traditional lecture-based course. It requires students to be self-motivated learners. Students will be required to write detailed critiques of the films, reaction papers over the topics and weekly discussions. Students who feel more comfortable in lecture classes should be advised that this class might not be well suited to their needs.</p>
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European History, Advanced Placement

<p>Grade Level: 10-12 Course #: 1556 Length: Full Year Credit(s): Two Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: World History Suggested</p>	<p>This course is designed specifically for students who are planning to take the AP exam in European History. <i>European History AP</i> gives students a thorough understanding of the major themes in modern European history (1450-present). The course's primary emphasis on the intellectual, cultural, political, diplomatic, social, and economic developments in modern European history serves to give students a comprehensive understanding of this period in European history.</p>
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United States History: The Twentieth Century

<p>Grade Level: 11 Course #: 1542 Length: Full Year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: None</p>	<p>This is a two semester course which builds upon concepts developed in previous studies of American history. In this course, students will be given the opportunity to identify and review significant events and movements in the early development of the nation. After providing such a review, the course gives major emphasis to the interaction of historical events and geographic, social, and economic influences on national development in the late nineteenth and twentieth century.</p>
<p><i>Fulfills the US History requirement for all diplomas; General, Core 40, Academic Honors, Technical Honors</i></p>	

United States History: Advanced Placement

<p>Grade Level: 11 Course #: 1562 Length: Full Year Credit(s): Two Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Recommended: Topics in Early United States History</p>	<p>This course follows the College Board Entrance Examination guidelines for <i>advanced placement in United States History</i>. The design of this course is to aid the student in their quest for information concerning American history. Emphasis will be on student participation in the research of basic concepts concerning American history and the evaluation of that material by the use of a variety of methods. Students will be expected to formulate opinions, evaluate various points of view and arrive at a conclusion concerning the concept under study. While the basic information concerning American history will be covered, the emphasis will be on evaluating, synthesizing, and producing an educational product concerning the concepts under discussion. Activities will include field trips and other projects stressing the use of primary sources. Students will be expected to read challenging texts for summer reading.</p>
<p><i>Fulfills the US History requirement for all diplomas; General, Core 40, Academic Honors, Technical Honors</i></p>	

Psychology

<p>Grade Level: 11-12 Course #: 1532 Length: 1 Semester Credit(s): One Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>This one semester class provides an opportunity to study individual and social psychology and how the knowledge and methods of psychologists are applied to the solution of human problems. Content for the course will include study of the scientific method, principles of human learning and physical, mental, and social factors affecting human behavior. The course is designed to help each student become aware of herself/himself as an individual in today's society.</p>
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Psychology, Advanced Placement

<p>Grade Level: 11-12 Course #: 1558 Length: 1 Semester Credit(s): One Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Psychology I</p>	<p>This course will provide students with the content established by the College Board. Topics will include history and approaches, research methods, biological bases of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders, and social psychology.</p>
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Sociology

<p>Grade Level: 11-12 Course #: 1534 Length: 1 Semester Credit(s): One Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>This one semester course provides an opportunity for students to study group behavior and basic human institutions. Broad areas of content include the study of institutions found in all societies, such as the family, religious, community organizations, political and social groups, and leisure time organizations. Moral values, traditions, folkways, the mobility of people, and other factors in society which influence group behavior are also studied.</p>
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Economics

<p>Grade Level: 12 Course #: 1514A Length: 1 Semester Credit(s): One Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>This one semester required course investigates the specific economic effect of market forces and government policies on individuals and the major institutional groups, such as business and labor in the economy. Special attention is given to economic concepts and principles used by consumers, producers, and voters.</p>
<p><i>Fulfills a Social Studies requirement for the General Diploma only</i> <i>Fulfills the Economics requirement for the Core 40, Academic Honors and Technical Honors Diplomas</i> <i>Qualifies as a quantitative reasoning course</i></p>	

Hybrid Economics

<p>Grade Level: 12 Course #: 1514B Length: 1 Semester Credit(s): One Diploma: Counts as an Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Algebra I</p>	<p>This class meets the graduation requirements and state content standards for Economics, but does so in a non-traditional fashion. The class will be scheduled at the beginning or ending of the school day, and students will only be required to attend class two days a week maximum. One day will be used to review and discuss content or to assess student learning. The other day will be used to host speakers from the surrounding area on a variety of economic topics. The other days of the week, students should be working on assignments and learning independently. The teacher will be available during the hybrid class period on all school days for any one-on-one help or further clarification as needed.</p> <p>Content Outline/Topics of Study: Scarcity, Factors of Products, Entrepreneurs, Supply, Demand, Prices, Market Structures, Business Structures, Taxes, Revenues, Fiscal and Monetary Policy, The Federal Reserve, Gross Domestic Product, Economic Growth, Inflation, The Business Cycle</p>
<p><i>Fulfills a Social Studies requirement for the General Diploma only</i> <i>Fulfills the Economics requirement for the Core 40, Academic Honors and Technical Honors Diplomas</i> <i>Qualifies as a quantitative reasoning course</i></p>	

AP Microeconomics

<p>Grade Level: 12 Course #: 1566 Length: 1 semester Credit(s): One Diploma: Counts as an elective for General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>The purpose of the AP course in <i>Microeconomics</i> is to give students a thorough understanding of the principles of economics that relates to individual decision makers (consumers & producers). The course will cover basic economic concepts, factor and product markets, market failures and the role of government in the economy.</p> <p>This course may be taken in place of Economics #1514A or #1514B to satisfy the graduation requirement.</p>
<p><i>Fulfills a Social Studies requirement for the General Diploma</i> <i>Fulfills the Economics requirement for the Core 40, Academic Honors, Technical Honors diploma</i> <i>Qualifies as a quantitative reasoning course</i></p>	

United States Government

<p>Grade Level: 12 Course #: 1540 Length: 1 Semester Credit(s): One Diploma: General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p>This required one semester course focuses upon the development of responsible citizens based upon thinking and decision-making skills which allow students to gain knowledge, process information, consider the importance of value and beliefs, and actively participate in a democratic society. The study of United States government helps students to comprehend and gain an appreciation of political origins.</p>
<p><i>Fulfills the Government requirement for all diplomas; General, Core 40, Academic Honors, Technical Honors Diplomas</i></p>	

VOCATIONAL PROGRAMS

Automotive Services Technology, Level I

<p>Grade Level: 11-12 Course #: 5510A Length: Full Year, 3 hours daily Credit(s): Six Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: None</p>	<p>This course includes classroom and laboratory experiences that incorporate training in service and repair work on all types of automotive vehicles. Course content includes training in the use of service/repair information and the use of a variety of hand and power tools. Instruction and practice provides opportunities for students to diagnose malfunctions, disassemble units, perform parts inspections, and repair and replace parts. Course content should address NATEF/ASE standards leading to certification in one or more of the following areas: steering and suspension; brakes; engine performance; manual transmissions and differential; automatic transmissions; electrical systems; air conditioning; and engine repair. Mathematical skills will be reinforced through precision measuring activities and cost estimation/calculation activities. Scientific principles taught and reinforced in this course include the study of viscosity, friction, thermal expansion, and compound solutions. Written and oral skills will also be emphasized to help students communicate with customers, colleagues, and supervisors.</p> <p>This course is articulated with Ivy Tech Community College. Students earning a B or better in the class are eligible to receive 15 credit hours upon the completion of the two year program. The second year student will receive content that addresses a higher level of automotive knowledge with an emphasis on diagnostics. Students can earn 2 hours of dual credit at Vincennes University.</p>
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Automotive Services Technology, Level II

<p>Grade Level: 12 Course #: 5546 Length: Full Year, 3 hours daily Credit(s): Six Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Automotive Services Technology, Level I</p>	<p>This course includes more advanced training with more emphasis placed on diagnostics and troubleshooting. Level II students are mentors for Level I students. This course is articulated with Ivy Tech State College. Students earning a B or better in the class are eligible to receive 9 college credits through Ivy Tech State College. Students can earn 2 hours of dual credit at Vincennes University.</p>
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Building Trades Technology, Level I

<p>Grade Level: 11-12 Course #: 5580A Length: Full Year, 3 hours daily Credit(s): Six Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Introduction to Construction</p>	<p>This program offers three credits each semester and occupies one-half day sessions (three periods) which teach basic building trades for students who plan to pursue a related vocation following graduation. It includes classroom and laboratory experiences concerned with the building of a house from ground up each year. Instruction provides a variety of activities such as the following:—cutting, fitting, fastening, and finishing various materials; the uses of a variety of hand and power tools; and blueprint reading and following technical specifications. Knowledge concerning the physical properties of materials is also emphasized. Instruction in plastering, dry wall installation, and roofing are covered in this course of study.</p>
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Building Trades Technology, Level II

<p>Grade Level: 12 Course #: 5578 Length: Full Year, 3 hours daily Credit(s): Six Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Building Trades Technology, Level I</p>	<p>The second year of the Building Trades program is a repeat of the activities of the first year (three periods per day). Since a house is built each year, the second year student is involved with material calculations and activities which require greater knowledge and ability than those developed the first year. Second year students are also expected to begin to identify with a specialty area which is of particular interest. At the conclusion of the program each student should have experienced most of the activities related to building a house in addition to being able to demonstrate proficiency in a specialty area.</p>
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Welding Technology I

<p>Grade Level: 11-12 Course #: 5776 Length: Full Yr. 2 Hrs. Credit(s): Four Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Welding Technology I</i> includes classroom and laboratory experiences that develop a variety of skills in ox-fuel cutting and Shielded Metal Arc Welding. This course is designed for individuals who intend to make a career as a Welder, Technician, Sales, Designer, Researcher, or Engineer. Emphasis is placed on safety at all times. OSHA standards and guidelines endorsed by the American Welding Society (AWS) are used. Instructional activities emphasize properties of metals, safety issues, blueprint reading, electrical principles, welding symbols and mechanical drawing through projects and exercises that teach students how to weld and be prepared for college and career success.</p>
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Welding Technology II

<p>Grade Level: 12 Course #: 5778 Length: Full Yr. 2 Hrs. Credit(s): Four Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Welding Technology I</p>	<p><i>Welding Technology II</i> builds on the skills covered in Welding Technology I. Emphasis is placed on safety at all times. OSHA standards and guidelines endorsed by the American Welding Society (AWS) are used. Instructional activities emphasize properties of metals, safety issues, blueprint reading, electrical principles, welding symbols and mechanical drawing through projects and exercises that teach students how to weld and be prepared for college and career success.</p>
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Vocational Health Careers, Level I

<p>Grade Level: 11-12 Course #: 5282 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: None</p>	<p>This course provides information about careers in health. A variety of exploratory learning experiences are offered to help students make informed career decisions. Program objectives include exploration of health careers, preparation for post high school study, and preparation for job entry. The program prepares students for entry in a variety of non-certificated jobs at the assistant level. First year students explore health services trends and careers. Additionally, students will study the scientific approach to mankind, including body structure and function, conditions of illness, health service legalities, medical terminology, the wellness concept and lifestyles. The second year will emphasize skills and the role of health team member in the world of work. Students serve an internship in an area of their interest. Courses are designed in sequence. The first two semesters concern theory and are supplemented through the demonstrated expertise of visiting health professionals and introduction to the use of medical equipment. It is highly recommended that students enrolled in Health Careers take Anatomy & Physiology and First Year Chemistry. Students completing Health Careers I may earn six hours of dual credit from Ivy Tech State College.</p>
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Vocational Health Careers, Level II St. Vincent Clay Hospital

<p>Grade Level: 12 Course #: 5284 Length: Full Year, 3 hours Credit(s): Six Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Health Careers I</p>	<p>During the first semester of this course, students study in laboratory situations at St. Vincent Clay Hospital. The second semester of this course includes internships in student's interest areas at St. Vincent Clay Hospital and additional community health care facilities. Transportation is provided by the school corporation. It is highly recommended that students enrolled in Health Careers take Anatomy & Physiology and First year Chemistry. Students completing Health Careers II may earn CPR/First Aid Certification and Certification as a Certified Nursing Assistant (CNA Certification) which may provide 5 hours of dual college credit.</p>
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Cosmetology I

<p>Grade Level: 11 Course #: 5802 Length: Full Year Credit(s): Six Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p><i>Cosmetology I</i> offers an introduction to cosmetology with emphasis on basic practical skills and theories including roller control, quick styling, shampooing, hair coloring, permanent waving, facials, manicuring business, and personal ethics, and bacteriology and sanitation. In addition, students will study anatomy, physiology, salon management, and professionalism. During the second semester, greater emphasis will be placed on the application and development of these skills and meeting the State of Indiana 1500 hours of instruction for licensure. This instructional program involves commitment to the rigorous 1500 clock hours of training as well as financial responsibility for students and parents. In order to complete the 1500 hours of instruction, it may necessary that students complete summer training in June prior to their senior year. The actual vocational instruction is scheduled to take place at Jocie's Beauty School in Brazil. During the regular school year, students will follow their high school morning program and report to Jocie's Beauty School for afternoon instruction. Clay Community Schools will provide a tuition credit toward the total training costs of the school. See your guidance counselor for more information.</p>
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Cosmetology II

<p>Grade Level: 12 Course #: 5806 Length: Full Year Credit(s): Six Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Cosmetology I</p>	<p><i>Cosmetology II</i> emphasis will cover the development of advanced skills in styling, hair coloring, permanent waving, facials, and manicuring. Students will also study advanced salon management, professionalism, and salesmanship. This instructional program involves continued commitment to the rigorous 1500 clock hours of training as well as financial responsibility for students and parents. In order to complete the 1500 hours of instruction, it may be necessary that students complete summer training in June after their senior year. The actual vocational instruction is scheduled to take place at Jocie's Beauty School in Brazil. During the regular school year, students will follow their high school morning program and report to Jocie's Beauty School for afternoon instruction. Clay Community Schools will provide a tuition credit toward the total training costs of the school. See your guidance counselor for more information.</p>
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See following sections for other vocational courses:

- Agriculture Science and Business
- Business Technology Education
- Family and Consumer Science
- Technology Education

WORK-BASED LEARNING, INTERNSHIPS

Work-Based Learning Advanced Manufacturing and Engineering

<p>Grade Level: 11-12 Course # 5975 Length: 1 Semester course that may be repeated for a second semester Credits: Two-Three per semester, maximum of 6 credits Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: At least two courses in a student's pathway /career interest area</p>	<p>Work-Based Learning Internship is a College and Career Readiness course that is designated to provide opportunities for students to explore careers that require additional degrees or certifications following high school. The emphasis of the experience is on applying skills developed through instruction and on learning new career competencies at the internship site. The internship is tailored to the unique needs and career interests of the student and is considered a high school capstone experience towards fulfillment of the students' meaningful future college/career plan. Upon completion of the internship, students will review and revise their College and Career plans. A training agreement outlines the expectations of all parties: the intern, parent/guardian, site supervisor/mentor, internship supervisor, and the school. Students participating in these structured experiences will follow class, school, business/industry/organizational, State, and Federal guidelines. Internships may be paid or unpaid and must include a classroom component (such as series of seminars, workshops, or class meetings) and regular contact between the interns and the internship coordinator.</p>
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Work-Based Learning Business and Marketing

<p>Grade Level: 11-12 Course # 5260 Length: 1 Semester course that may be repeated for a second semester Credits: Two-Three per semester, maximum of 6 credits Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: At least two courses in a student's pathway /career interest area</p>	<p>Work-Based Learning Internship is a College and Career Readiness course that is designated to provide opportunities for students to explore careers that require additional degrees or certifications following high school. The emphasis of the experience is on applying skills developed through instruction and on learning new career competencies at the internship site. The internship is tailored to the unique needs and career interests of the student and is considered a high school capstone experience towards fulfillment of the students' meaningful future college/career plan. Upon completion of the internship, students will review and revise their College and Career plans. A training agreement outlines the expectations of all parties: the intern, parent/guardian, site supervisor/mentor, internship supervisor, and the school. Students participating in these structured experiences will follow class, school, business/industry/organizational, State, and Federal guidelines. Internships may be paid or unpaid and must include a classroom component (such as series of seminars, workshops, or class meetings) and regular contact between the interns and the internship coordinator.</p>
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Work-Based Learning Family and Consumer Science

<p>Grade Level: 11-12 Course # 5480 Length: 1 Semester course that may be repeated for a second semester Credits: Two-Three per semester, maximum of 6 credits Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: At least two courses in a student's pathway /career interest area</p>	<p>Work-Based Learning Internship is a College and Career Readiness course that is designated to provide opportunities for students to explore careers that require additional degrees or certifications following high school. The emphasis of the experience is on applying skills developed through instruction and on learning new career competencies at the internship site. The internship is tailored to the unique needs and career interests of the student and is considered a high school capstone experience towards fulfillment of the students' meaningful future college/career plan. Upon completion of the internship, students will review and revise their College and Career plans. A training agreement outlines the expectations of all parties: the intern, parent/guardian, site supervisor/mentor, internship supervisor, and the school. Students participating in these structured experiences will follow class, school, business/industry/organizational, State, and Federal guidelines. Internships may be paid or unpaid and must include a classroom component (such as series of seminars, workshops, or class meetings) and regular contact between the interns and the internship coordinator.</p>
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Work-Based Learning Health Science

<p>Grade Level: 11-12 Course # 5207 Length: 1 Semester course that may be repeated for a second semester Credits: Two-Three per semester, maximum of 6 credits Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: At least two courses in a student's pathway /career interest area</p>	<p>Work-Based Learning Internship is a College and Career Readiness course that is designated to provide opportunities for students to explore careers that require additional degrees or certifications following high school. The emphasis of the experience is on applying skills developed through instruction and on learning new career competencies at the internship site. The internship is tailored to the unique needs and career interests of the student and is considered a high school capstone experience towards fulfillment of the students' meaningful future college/career plan. Upon completion of the internship, students will review and revise their College and Career plans. A training agreement outlines the expectations of all parties: the intern, parent/guardian, site supervisor/mentor, internship supervisor, and the school. Students participating in these structured experiences will follow class, school, business/industry/organizational, State, and Federal guidelines. Internships may be paid or unpaid and must include a classroom component (such as series of seminars, workshops, or class meetings) and regular contact between the interns and the internship coordinator.</p>
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Work-Based Learning Multiple Pathway

<p>Grade Level: 11-12 Course # 5974 Length: 1 Semester course that may be repeated for a second semester Credits: Two-Three per semester, maximum of 6 credits Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: At least two courses in a student's pathway /career interest area</p>	<p>Work-Based Learning Internship is a College and Career Readiness course that is designated to provide opportunities for students to explore careers that require additional degrees or certifications following high school. The emphasis of the experience is on applying skills developed through instruction and on learning new career competencies at the internship site. The internship is tailored to the unique needs and career interests of the student and is considered a high school capstone experience towards fulfillment of the students' meaningful future college/career plan. Upon completion of the internship, students will review and revise their College and Career plans. A training agreement outlines the expectations of all parties: the intern, parent/guardian, site supervisor/mentor, internship supervisor, and the school. Students participating in these structured experiences will follow class, school, business/industry/organizational, State, and Federal guidelines. Internships may be paid or unpaid and must include a classroom component (such as series of seminars, workshops, or class meetings) and regular contact between the interns and the internship coordinator.</p>
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Work-Based Learning Trade and Industry

<p>Grade Level: 11-12 Course # 5892 Length: 1 Semester course that may be repeated for a second semester Credits: Two-Three per semester, maximum of 6 credits Diploma: Counts as a Directed Elective or Elective for all diplomas; General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: At least two courses in a student's pathway /career interest area</p>	<p>Work-Based Learning Internship is a College and Career Readiness course that is designated to provide opportunities for students to explore careers that require additional degrees or certifications following high school. The emphasis of the experience is on applying skills developed through instruction and on learning new career competencies at the internship site. The internship is tailored to the unique needs and career interests of the student and is considered a high school capstone experience towards fulfillment of the students' meaningful future college/career plan. Upon completion of the internship, students will review and revise their College and Career plans. A training agreement outlines the expectations of all parties: the intern, parent/guardian, site supervisor/mentor, internship supervisor, and the school. Students participating in these structured experiences will follow class, school, business/industry/organizational, State, and Federal guidelines. Internships may be paid or unpaid and must include a classroom component (such as series of seminars, workshops, or class meetings) and regular contact between the interns and the internship coordinator.</p>
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WORLD LANGUAGES

World Language courses endeavor to develop students' ability to comprehend, speak, read, and write in a chosen world language, to appreciate the cultures of various countries and the various cultures within the United States, and to develop an understanding of current events and problems through an exposure to the history and geography of the German and/or Spanish-speaking worlds. An understanding of the interdependence of the modern world and the interrelatedness of languages, literatures, and cultures will be developed. Career opportunities with world language knowledge are discussed as are college world language requirements and procedures for college placement. A grade of C or better in previous English classes is recommended for students who wish to study a world language.

French I

<p>Grade Level: 9-12 Course #: 2020 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: None</p>	<p><i>French I</i>, a course based on <i>Indiana's Academic Standards for World Languages</i>, introduces students to effective strategies for beginning French language learning, and to various aspects of French-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 French-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 French language and culture outside of the classroom.</p>
<p><i>Fulfills a World Language requirement for the Core 40 with Academic Honors diploma</i></p>	

French II

<p>Grade Level: 9-12 Course #: 2022 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: French I</p>	<p><i>French II</i>, a course based on <i>Indiana's Academic Standards for World Languages</i>, builds upon effective strategies for French 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 French-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 French language and culture outside of the classroom.</p>
<p><i>Fulfills a World Language requirement for the Core 40 with Academic Honors diploma</i></p>	

French III

<p>Grade Level: 10-12 Course #: 2024 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Recommended successful completion of French 2.</p>	<p><i>French III</i>, a course based on <i>Indiana’s Academic Standards for World Languages</i>, builds upon effective strategies for French 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 French-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 French language and culture outside of the classroom.</p>
<p><i>Fulfills a World Language requirement for the Core 40 with Academic Honors diploma</i></p>	

French IV

<p>Grade Level: 11-12 Course #: 2026 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas General, Core 40, Academic Honors, Technical Honors</p> <p>Prerequisite: Recommended successful completion of French 3.</p>	<p><i>French IV</i>, a course based on <i>Indiana’s Academic Standards for World Languages</i>, provides a context for integration of the continued development of language skills and cultural understanding with other content areas and the community beyond the classroom. The skill sets that apply to the exchange of written and oral information are expanded through emphasis on practicing speaking and listening strategies that facilitate communication, such as the use of circumlocution, guessing meaning in familiar and unfamiliar contexts, and using elements of word formation to expand vocabulary and derive meaning. Additionally, students will continue to develop understanding of French-speaking culture through explaining factors that influence the practices, products, and perspectives of the target culture; reflecting on cultural practices of the target culture; and comparing systems of the target culture and the student’s own culture. This course further emphasizes making connections across content areas through the design of activities and materials that integrate the target language and culture with concepts and skills from other content areas. The use and influence of the French language and culture in the community beyond the classroom is explored through the identification and evaluation of resources intended for native French speakers.</p>
<p><i>Fulfills a World Language requirement for the Core 40 with Academic Honors diploma</i></p>	

German I

<p>Grade Level: 9-12 Course #: 2040 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: None</p>	<p><i>German I</i>, a course based on <i>Indiana’s Academic Standards for World Languages</i>, introduces students to effective strategies for beginning German language learning, and to various aspects of German-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 German-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 German language and culture outside of the classroom.</p>
<p><i>Fulfills a World Language requirement for the Core 40 with Academic Honors diploma</i></p>	

German II

<p>Grade Level: 9-12 Course #: 2042 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: German I</p>	<p><i>German II</i>, a course based on <i>Indiana's Academic Standards for World Languages</i>, builds upon effective strategies for German 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 German-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 German language and culture outside of the classroom.</p>
<p><i>Fulfills a World Language requirement for the Core 40 with Academic Honors diploma</i></p>	

German III

<p>Grade Level: 10-12 Course #: 2044 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Recommended successful completion of German 2.</p>	<p><i>German III</i>, a course based on <i>Indiana's Academic Standards for World Languages</i>, builds upon effective strategies for German 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 German-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 German language and culture outside of the classroom.</p>
<p><i>Fulfills a World Language requirement for the Core 40 with Academic Honors diploma</i></p>	

German IV

<p>Grade Level: 11-12 Course #: 2046 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Recommended successful completion of German 3.</p>	<p><i>German IV</i>, a course based on <i>Indiana's Academic Standards for World Languages</i>, provides a context for integration of the continued development of language skills and cultural understanding with other content areas and the community beyond the classroom. The skill sets that apply to the exchange of written and oral information are expanded through emphasis on practicing speaking and listening strategies that facilitate communication, such as the use of circumlocution, guessing meaning in familiar and unfamiliar contexts, and using elements of word formation to expand vocabulary and derive meaning. Additionally, students will continue to develop understanding of German-speaking culture through explaining factors that influence the practices, products, and perspectives of the target culture; reflecting on cultural practices of the target culture; and comparing systems of the target culture and the student's own culture. This course further emphasizes making connections across content areas through the design of activities and materials that integrate the target language and culture with concepts and skills from other content areas. The use and influence of the German language and culture in the community beyond the classroom is explored through the identification and evaluation of resources intended for native German speakers.</p>
<p><i>Fulfills a World Language requirement for the Core 40 with Academic Honors diploma</i></p>	

Spanish I

<p>Grade Level: 9-12 Course #: 2120 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: None</p>	<p><i>Spanish I</i>, a course based on <i>Indiana's Academic Standards for World Languages</i>, 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.</p>
<p><i>Fulfills a World Language requirement for the Core 40 with Academic Honors diploma</i></p>	

Spanish II

<p>Grade Level: 9-12 Course #: 2122 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Spanish I</p>	<p><i>Spanish II</i>, a course based on <i>Indiana's Academic Standards for World Languages</i>, 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.</p>
<p><i>Fulfills a World Language requirement for the Core 40 with Academic Honors diploma</i></p>	

Spanish III

<p>Grade Level: 10-12 Course #: 2124 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Recommended successful completion of Spanish 2</p>	<p><i>Spanish III</i>, a course based on <i>Indiana's Academic Standards for World Languages</i>, 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.</p>
<p><i>Fulfills a World Language requirement for the Core 40 with Academic Honors diploma</i></p>	

Spanish IV

<p>Grade Level: 11-12 Course #: 2126 Length: Full Year Credit(s): Two Diploma: Counts as a Directed Elective or Elective for all diplomas General, Core 40, Academic Honors, Technical Honors</p> <p>Dual Credit Availability</p> <p>Prerequisite: Recommended successful completion of Spanish 3.</p>	<p>Spanish IV, a course based on <i>Indiana's Academic Standards for World Languages</i>, provides a context for integration of the continued development of language skills and cultural understanding with other content areas and the community beyond the classroom. The skill sets that apply to the exchange of written and oral information are expanded through emphasis on practicing speaking and listening strategies that facilitate communication, such as the use of circumlocution, guessing meaning in familiar and unfamiliar contexts, and using elements of word formation to expand vocabulary and derive meaning. Additionally, students will continue to develop understanding of Spanish-speaking culture through explaining factors that influence the practices, products, and perspectives of the target culture; reflecting on cultural practices of the target culture; and comparing systems of the target culture and the student's own culture. This course further emphasizes making connections across content areas through the design of activities and materials that integrate the target language and culture with concepts and skills from other content areas. The use and influence of the Spanish language and culture in the community beyond the classroom is explored through the identification and evaluation of resources intended for native Spanish speakers.</p>
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