

NORTH PUTNAM HIGH SCHOOL

2020-2021 Course Guide

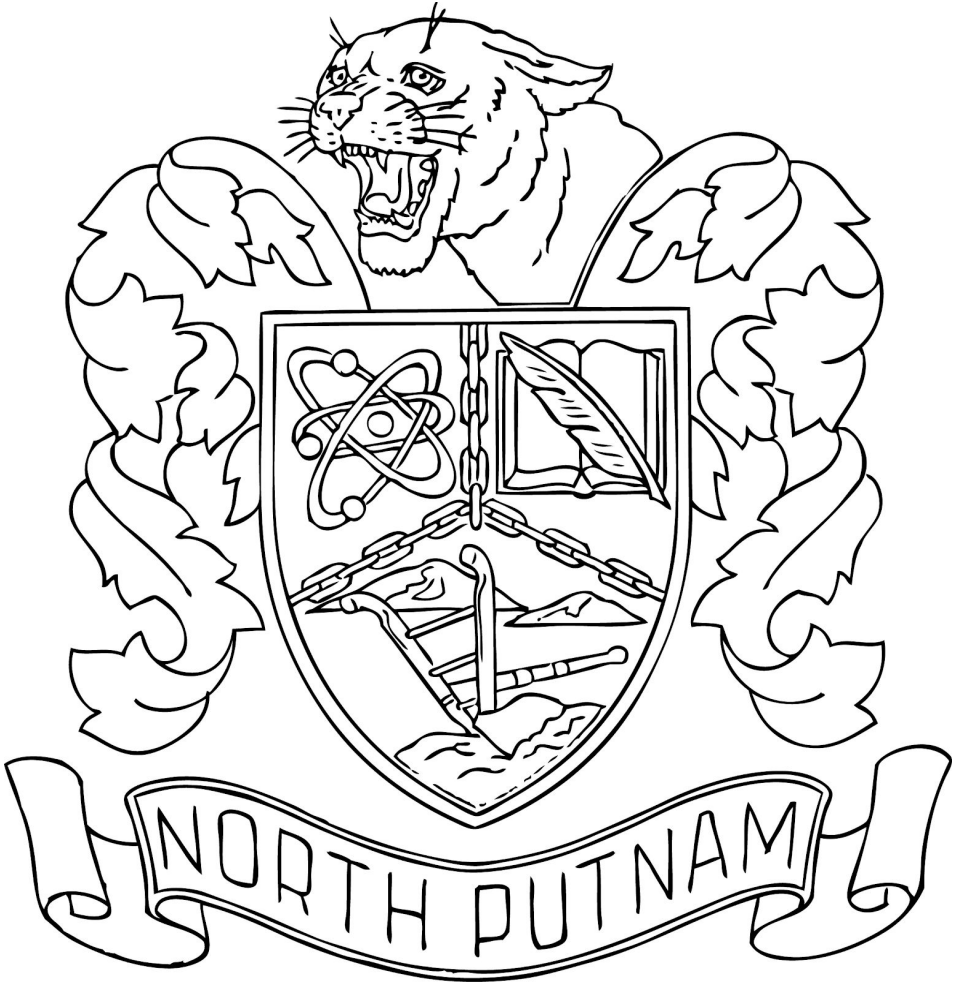


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Definition of Terms

ADVANCED PLACEMENT COURSES – College level courses are taken in 11th & 12th grade. Students are required to take the corresponding AP exam in the spring if the students want this class to be applied towards the Academic Honors Diploma. These courses will be weighted by an additional quality point towards the students' grade point average.

CAREER ACADEMIC SEQUENCE – Students pursuing a Core 40, a Core 40 with Academic Honors, or a Core 40 with Technical Honors diploma are required to take at least 6 courses in an area leading to a career interest.

CAREER TECHNICAL COURSE - Career Training Courses are taken at NPHS and Area 30 Career Center during junior and senior years.

CORE 40 - Core 40 is a set of essential high school courses that should prepare students for work, technical school or college. This is required for regular admission to 4-year colleges in Indiana. North Putnam High School requires 40 credits in order to graduate.

CORE 40 WITH ACADEMIC HONORS - This is a demanding curriculum resulting in the most respected diploma received in Indiana. North Putnam High School requires 47 credits in order to graduate.

CORE 40 WITH TECHNICAL HONORS - This Core 40 diploma combines Core 40 requirements with technical training. North Putnam High School requires 47 credits in order to graduate.

CREDIT - A credit is the value recorded for a semester course of high school work successfully completed. All courses are worth 1 credit per semester.

DUAL CREDIT COURSES – High School courses that can also earn a student credits through Ivy-Tech Community College or Vincennes University.

ELECTIVE COURSES - Courses that a student is not required to take but are generally free to choose as their abilities, interests and goals determine.

END OF COURSE ASSESSMENTS – These are exams given at the end of a course to show a student's level of proficiency in that course. Ending with the class of 2018, students will be required to pass the End of Course Assessment Exam (ECA) in Algebra I and English 10 as part of their graduation requirements.

GRADUATION PATHWAYS- Specific courses, academic programs and learning experiences that students must complete in order to graduate. THIS IS REQUIRED BEGINNING WITH THE CLASS OF 2023 AND MAY BE USED INSTEAD OF PASSING GRADUATION EXAM FOR ALL OTHER NORTH PUTNAM STUDENTS.

HONORS COURSES – These are Core 40 required courses designed to academically challenge students above the normal course curriculum.

ISTEP+ EXAMS – Beginning with the Class of 2019 & ending with the class of 2022, students will be required to pass the ISTEP+ Exams in English/Language Arts and Mathematics. These exams will be taken towards the end of the students' 10th Grade year.

ONE YEAR COURSE – Recommended to take both semesters. Students must complete the 1st semester to be enrolled in the 2nd semester

PREREQUISITE - A standard requirement before a student may take a course. This is to insure maximum benefits from a course or series of courses.

QUANTITATIVE REASONING COURSE - is a high school course that "advances a student's ability to apply mathematics in real world situations and contexts" and that "deepens a student's understanding of high school mathematics standards." For the Core 40, Academic Honors (AHD), and Technical Honors (THD) diplomas, students must take a mathematics course or a quantitative reasoning course each year they are enrolled in high school. For the General Diploma, students must earn two credits in a mathematics course or a quantitative reasoning course during their junior or senior year.

REQUIRED COURSES - Required Courses are courses that students must take in order to graduate from high school.

UNIT - A unit is the value recorded for coursework completed in association with a student's Individualized Education Plan, and is used solely for students on a non diploma track.

WEIGHTED COURSES- Beginning with the class of 2022, identified Honors Courses and identified Dual Credit Courses will receive a “.33” extra quality point when figuring grades. The identified Honors Courses are: Honors English 9, Honors English 10, Honors Algebra II, Honors Geometry, Honors Precalculus, Honors Trigonometry, Chemistry, Honors Biology and Spanish III. The identified Dual Credit Courses are: Ivy U English Composition, Ivy U Government, Ivy U Economics, Ivy U Speech and Ivy U Biology.

Indiana Diploma Graduation Pathways

ALL students in the class of 2023 and beyond; students in all prior courses may opt-in to this graduation track.

Graduation Pathway Requirements	Graduation Pathway Options
<p>1. High School Diploma</p>	<p>Meet the statutorily defined diploma credit and curricular requirements.</p>
<p>2. Learn and Demonstrate Employability Skills (Students must complete <u>at least one</u> of the following.)</p>	<p>Learn employability skills standards through locally developed programs. Employability skills are demonstrate by <u>one</u> of the following:</p> <ul style="list-style-type: none"> ● Project-Based Learning Experience; ● Service-Based Learning Experience; <p>OR</p> <ul style="list-style-type: none"> ● Work-Based Learning Experience.
<p>3. Postsecondary-Ready Competencies (Students must complete <u>at least one</u> of the following.)</p>	<ul style="list-style-type: none"> ● Honors Diploma: Fulfill all requirements of either the Academic or Technical Honors Diploma; ● ACT: College-ready benchmarks; ● SAT: College-ready benchmarks; ● ASVAB: Earn at least a minimum AFQT score to qualify for placement into one of the branches of the US military; ● State- and Industry-recognized Credential or Certification; ● State-, Federal-, or Industry-recognized Apprenticeship; ● Career-Technical Education Concentrator: Must earn a <u>C average</u> or higher in at least 6 high school credits in a career sequence; ● AP/IB/Dual Credit/Cambridge International courses or CLEP Exams: Must earn a <u>C average</u> or higher in at least three courses; <p>OR</p> <ul style="list-style-type: none"> ● Locally created pathway that meets the framework from and earns the approval of the State Board of Education.

Indiana Diploma Credit Requirements



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

CORE40 with Academic Honors (minimum 47 credits)

For the Core 40 with Academic Honors diploma, students must:

- Complete all requirements for Core 40.
- Earn 2 additional Core 40 math credits.
- Earn 6-8 Core 40 world language credits (6 credits in one language or 4 credits each in two languages).
- Earn 2 Core 40 fine arts credits.
- Earn a grade of a "C" or better in courses that will count toward the diploma.
- Have a grade point average of a "B" or better.
- Complete one of the following:
 - A. Earn 4 credits in 2 or more AP courses and take corresponding AP exams
 - B. Earn 6 verifiable transcribed college credits in dual credit courses from the approved dual credit list.
 - C. Earn two of the following:
 1. A minimum of 3 verifiable transcribed college credits from the approved dual credit list,
 2. 2 credits in AP courses and corresponding AP exams,
 3. 2 credits in IB standard level courses and corresponding IB exams.
 - D. Earn a combined score of 1750 or higher on the SAT critical reading, mathematics and writing sections and a minimum score of 530 on each
 - E. Earn an ACT composite score of 26 or higher and complete written section
 - F. Earn 4 credits in IB courses and take corresponding IB exams.

CORE40 with Technical Honors (minimum 47 credits)

For the Core 40 with Technical Honors diploma, students must:

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

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

Projected 2020-2021 Courses

Agriculture Education	Business	Family and Consumer Sciences
Advanced Life Science: Food Science*	Introduction to Business	Introduction to Culinary Arts and Hospitality
Advanced Life Science: Animals*	Professional Career Internship	Advanced Nutrition and Wellness
Ag Power, Structure, and Technology*		Advanced Child Development
Agribusiness Management*		Child Development
Animal Science*		Adult Roles and Responsibilities
Food Science*		Interpersonal Relationships
Horticulture Sciences*		
Introduction to Agriculture, Food and Natural Resources		

Fine Arts	Foreign Language	Health/Physical Education
Introduction to 2-Dimensional Art (1)	Spanish I	Health
Advanced 2-Dimensional Art (1)	Spanish II	Physical Education I/II
Introduction to 3-Dimensional Art (1)	Spanish III	Advanced Physical Conditioning
Advanced 3-Dimensional Art (1)	AP Spanish	Lifeguarding
Ceramics (1)		Water Safety Instruction
Painting (1)		
Intermediate Concert Band		
Beginning Chorus		
Intermediate Chorus		
AP Music Theory		

Design Fundamentals*			
Introduction to Photography			
Introduction to Graphic Design			
Commercial Photography*			
Graphic Design and Layout*			

Language Arts		Mathematics
English 9	Fim Literature (1)	Algebra I
Honors English 9	Novels (1)	Algebra I Lab
English 10	Genres of Literature: Sports Literature (1)	Geometry
Honors English 10	Genres of Literature: Mythology (1)	Honors Geometry
English 11	Creative Writing (1)	Algebra II
English 12	Composition (1)	Honors Algebra II
AP Literature and Composition	Grammar (1)	PreCalculus/Trigonometry
AP Language and Composition	Etymology (1)	Probability and Statistics (1)
Student Media - Yearbook	Student Media - Newspaper	Finite Mathematics (1)
		AP Calculus AB

Science	Social Sciences	Support
Biology	World History & Civilization	Basic Skills Development - English
Honors Biology	United States History	Basic Skills Development - Math
Biology II*	AP United States History	Supplemental Help
Integrated Chemistry	Economics	Learning Lab

Physics		
Environmental Science	United States Government	Life skills English
Chemistry	Indiana Studies	Life skills Independent Living
AP Physics	Ethnic Studies	Life skills Math
Physical Science	AP World History Modern	Life skills Science
Life Science		Life Skills Social Studies

Technology	MultiDisciplinary	Professor on Loan - NPU
Computer Science I	College Entrance Preparation	ECON 101 - Economic Fundamentals*
Introduction to Transportation	Peer Tutoring	COMM 101 - Fundamentals of Public Speaking*
Introduction to Communications	Community Service	ENGL 111 - English Composition*
Introduction to Engineering Design*		POLS 101 - Introduction to American Government and Politics*
Principles of Engineering *		
Radio/TV		

Course Descriptions by Department

Agriscience

ADVANCED LIFE SCIENCE: ANIMALS (L) (5070) *DUAL CREDIT* Elective, 1 year course

Levels Available: 11, 12

Advanced Life Science: Animals provides students with opportunities to participate in a variety of activities including laboratory work. Students investigate concepts that enable them to understand animal life and animal science as it pertains to agriculture. Through instruction, including laboratory, fieldwork, leadership development, supervised agricultural experience and the exploration of career opportunities, they will recognize concepts associated with animal taxonomy, life at the cellular level, organ systems, genetics, evolution, and ecology, as well as historical and current issues in animal agriculture in the area of advanced life science in animals.

-Counts as an Elective or Directed Elective for all diplomas

-Fulfills a Core 40 Science requirement for all diplomas

ADVANCED LIFE SCIENCE: FOODS (L) 5072 (ALS FOODS) *DUAL CREDIT*

Elective, 1 year course

Levels Available: 11, 12

Advanced Life Science: Foods provides students with opportunities to participate in a variety of activities which includes laboratory work, leadership development, supervised agricultural experience and exploration of career opportunities. This is a standards-based, interdisciplinary science course that integrates biology, chemistry and microbiology in the context of foods and the global food industry. Students enrolled in this course formulate, design and carry out food-base laboratory and field investigations as an essential course component. Students understand how biology, chemistry and physics principles apply to the composition of foods, the nutrition of foods, food and food product development, food processing, food safety and sanitation, food packaging and food storage. Students completing this course will be able to apply the principles of scientific inquiry to solve problems related to biology, physics and chemistry in the context of highly advanced industry applications of foods in the area of advanced life science in foods. Participation in FFA or FCCLA encourages development of leadership, communication, community service and career related skills. Recommended Grade Level: 11, 12 Recommended Prerequisites: Introduction to Agriculture, Food and Natural Resources, Advanced Nutrition and Wellness, Biology, Chemistry, Integrated Chemistry Physics, Food Science, Nutrition and Wellness

-Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum

-Counts as an Directed Elective or Elective for all diplomas

-Fulfills a Core 40 Science requirement for all diplomas Qualifies as a quantitative reasoning course

ADVANCED LIFE SCIENCE: PLANTS AND SOILS (L) (5074) *DUAL CREDIT*

Elective, 1 year course

Levels Available: 11, 12

Advanced Life Science: Plants and Soils provides students with opportunities to participate in a variety of activities which includes laboratory work. Students study concepts, principles and theories associated with plants and soils. Students recognize how plants are classified, grown, function and reproduce. Students explore plant genetics and the use of plants by humans. They examine plant evolution and the role of plants in ecology. Students investigate, through laboratory and fieldwork, how plants functions and the influence of soil in plant life.

-Counts as an Elective or Directed Elective for all diplomas

-Fulfills a Core 40 Science requirement for all diplomas

AG POWER, STRUCTURE AND TECH - (5088)- *DUAL CREDIT* Elective, 1 year course

Levels Available: 10, 11, 12

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

Counts as a Directed Elective or Elective for all diplomas

AGRIBUSINESS MANAGEMENT 5002 (AG BUS MGMT) *DUAL CREDIT* Elective, 1 year course

Recommended Grade Level: 11, 12

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

-Recommended Prerequisites: Introduction to Agriculture, Food and Natural Resources

-Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum

-Counts as an Elective or Directed Elective for all diplomas

-Qualifies as a quantitative reasoning course

ANIMAL SCIENCE (5008) - *DUAL CREDIT* Elective, 1 year course

Levels Available: 9, 10, 11, 12

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

FOOD SCIENCE (5102) - *DUAL CREDIT* Elective, 1 year course

Levels Available: 10, 11, 12

Food Science provides students with an overview of food science and its importance. Introduction to principles of food processing, food chemistry and physics, nutrition, food microbiology, preservation, packaging and labeling, food commodities, food regulations, issues and careers in the food science industry help students understand the role that food science plays in securing a safe, nutritious and adequate food supply. A project based approach is utilized along with laboratory, team building and problem solving activities to enhance student learning, leadership development, supervised agricultural experience and career opportunities in the area of food science.

-Counts as a Directed Elective or Elective for all diplomas

HORTICULTURE SCIENCE (5132) - *DUAL CREDIT* Elective, 1 year course

Levels Available: 10, 11, 12

Horticulture Science is designed to give students a background in the field of horticulture and its many career opportunities. It addresses the biology and technology involved in the production, processing and marketing of

plants and its products. Topics covered include: reproduction and propagation of plants, plant growth, growth media, management practices for field and greenhouse production, marketing concepts, production of plants of local interest and pest management. Students participate in a variety of activities to include extensive laboratory work usually in a school greenhouse, leadership development, supervised agricultural experience and learning about career opportunities in the area of horticulture science.

-Counts as a Directed Elective or Elective for all diplomas

INTRODUCTION TO AGRICULTURE, FOOD AND NATURAL RESOURCES 5056 Elective, 1 year course

Levels Available: 9, 10, 11, 12

Recommended Grade Level: 9

Introduction to Agriculture, Food and Natural Resources 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, leadership development, supervised agricultural experience and career opportunities in the area of agriculture, food and natural resources.

-Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum

-Counts as a Directed Elective or Elective for all diplomas

PLANT AND SOIL SCIENCE 5170 (PLT SL SCI) *DUAL CREDIT* Elective, 1 year course

Recommended Grade Level: 9, 10, 11

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

-Recommended Prerequisites: Introduction to Agriculture, Food and Natural Resources

-Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum

-Counts as a Directed Elective or Elective for all diplomas

-Fulfills a Life Science or Physical Science requirement for the General Diploma only

SUPERVISED AGRICULTURAL EXPERIENCE (5228) Elective, 1 semester course

Levels Available: 9, 10, 11, 12

Summer

Supervised Agricultural Experience (SAE) is designed to provide students with opportunities to gain experience in the agriculture field(s) in which they are interested. Students will experience and apply what is learned in the classroom, laboratory and training site to real-life situations with a standards-based plan for learning. Students work closely with their agriculture teacher(s), parents and/or employers to get the most out of their SAE program.

Business

INTRODUCTION TO BUSINESS (4518)

Elective, 1 year course

Levels Available: 9, 10, 11, 12

Introduction to Business 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/or 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.

-Counts as a Directed Elective or Elective for all diplomas

PRINCIPLES OF BUSINESS MANAGEMENT 4562 (BUS MGMT) *DUAL CREDIT*

Elective, 1 year course

Levels Available: 11-12

Principles of Business Management focuses on the roles and responsibilities of managers as well as opportunities and challenges of ethically managing a business in the free-enterprise system. Students will attain an understanding of management, team building, leadership, problem-solving steps and processes that contribute to the achievement of organizational goals. The management of human and financial resources is emphasized.

-Recommended Prerequisites: Introduction to Business

-Credits: 2 semester course, 1 credit per semester, 2 credits maximum

-Counts as a Directed Elective or Elective for all diplomas

PRINCIPLES OF MARKETING (5914)

DUAL CREDIT

Elective, 1 year course

Levels Available: 10, 11, 12

Principles of Marketing 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.

-Counts as a Directed Elective or Elective for all diplomas

CAREER EXPLORATION INTERNSHIP (0522)

Elective, 1 year course

Levels Available: 12

An Application and Teacher Referrals are Required

Good Attendance Record; B or Better Grade Average (3.0)

(Offered Grade 12) (1 Credit for 80+ Total Hours)

Voluntary Unpaid Experience, Must Provide Own Transportation

Grade or Pass/Fail Option

This unique opportunity is provided for students to experience a variety of work-based activities in career areas of interest. The internship may take place during school hours, after school hours, or even during the summer months; thus, providing opportunities for students who carry heavy academic schedules. During the regular school year, the internship will be scheduled during designated days. The internship experience is a way of linking academic learning with work related experiences. The intern position can be tailored to the unique needs and interests of the student learner and the work-based mentor in the community.

A classroom teacher (teacher sponsor) and a school coordinator will work together to provide the appropriate

placement, instruction, and guidance for the intern student. Periods of time will be spent in scheduled seminars to complete various topic activities relating to personal assessments, career analysis, confidentiality and communication, policies and protocol, ethics, technology, discrimination and harassment, hiring practices, interviewing, and the development of resumes. A personal career portfolio and assessment will also be completed.

An orientation process will introduce students to the goals and expectations of the program. Once at the intern site, the mentor will provide a variety of career experiences and training that is related to the student's career area of interest. There will be a Learning/Training Agreement and a Learning/Training Plan. Documentation of weekly time sheets, attendance at scheduled meetings, completion of required activities, intern performance reviews, and a formal written report of the intern experience will determine the final grade. Near the end of the semester, the student will schedule an oral presentation with the teacher sponsor and a designated class.

The student must complete an average of 5 to 8 hours per week of internship experience for 1 school credit for the semester. This experience is intended as an extension of the normal academic school program on a voluntary basis and is not for pay. It may be taken for a letter grade or pass/fail. The number of students in the program is limited. Early application with teacher referral is highly advised.

Upon successful completion of the internship, the student will have completed various activities to determine personal interests and employer expectations. Various aspects and standards of his/her chosen intern career area will be better understood. A personal resume will be developed to be shared with future employers or college admissions. Wiser and more realistic decisions regarding future educational and/or career plans will be based on actual experience. Also, students will make important personal contacts of professionals outside the school who are in positions to help them.

SPORTS AND ENTERTAINMENT MARKETING 5984 (SPRT ENT MRK) Elective, 1 year course

Levels Available: 11-12

Sports and Entertainment Marketing 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.

-Required Prerequisites: Principles of Marketing

-Credits: 2 semester course, 1 credit per semester, 2 credits maximum

-Counts as a Directed Elective or Elective for all diplomas

English

ENGLISH 9 (1002)

Required, 1 year course

Recommended Grade Level: 9

English 9, an integrated English course based on Indiana's Academic Standards for English/Language Arts in Grade 9 and the Common Core State Standards for English/Language Arts, is a study of language, literature, composition, and oral communication with a focus on exploring a wide-variety of genres and their elements. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance appropriate for Grade 9 in classic and contemporary literature balanced with nonfiction. Students write short stories, responses to literature, expository and persuasive compositions, research reports, business letters, and technical documents. Students deliver grade-appropriate oral presentations and access, analyze, and evaluate online information.

-Fulfills an English/Language Arts requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

HONORS ENGLISH 9 (1002H)

Alternate Required, 1 year course

PREREQUISITE - Teacher Recommendation

Through the integrated study of literature, composition, and oral communication, English 9 Honors students further develop their use of language as a tool for learning and thinking and as a source of pleasure. Students practice identifying, analyzing, and composing with different elements, structures, and genres of written language. Grammar is reviewed, reinforced, and expanded. Sentence diagramming is used to show the relationship of words, phrases, and clauses and to analyze the English language for more effective communication. Writing skills are practiced throughout the year. Composition includes sentence types, structure, and variation; developing paragraphs and revision; short compositions and a research paper. Literature is studied mainly from an anthology supplemented with other selections. Comprehensive and essay tests are taken. A book from a college-bound book list is reported on each grading period and four novels are read as class projects. Vocabulary is stressed throughout the year.

Examples of authors are Golding, Orwell, Dickens and Shakespeare. Honors English 9 students complete a formal research paper that demonstrates proficiency in conducting research and writing about a chosen topic.

-Fulfills an English/Language Arts requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

ENGLISH 10 (1004)

Required, 1 year course

Recommended Grade Level: 10

English 10, an integrated English course based on Indiana's Academic Standards for English/Language Arts in Grade 10 and the Common Core State Standards for English/Language Arts, is a study of language, literature, composition, and oral communication with a focus on exploring universal themes across a wide variety of genres. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance appropriate for Grade 10 in classic and contemporary literature balanced with nonfiction. Students write short stories, responses to literature, expository and persuasive compositions, research reports, business letters, and technical documents. Students deliver grade-appropriate oral presentations and access, analyze, and evaluate online information.

-Fulfills an English/Language Arts requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas.

HONORS ENGLISH 10 (1004H)**Alternate Required, 1 year course*****PREREQUISITE – C or better in Honors English 9 and/or teacher recommendation***

Students in Honors English 10 practice distinguishing among the different types of contents and purposes language can hold, for example, logic, opinion, ideology, point-of-view, and suggestion. Moreover, students practice using language for different, sophisticated purposes, including: (1) identifying and forming conclusions; (2) recognizing and using persuasive devices; (3) judging an author's purpose, perspective, and expertise; and (4) reading and interpreting public documents, instructions, and symbols; and develop vocabulary through (1) decoding, (2) the use of Greek and Latin roots, (3) literary terms and the use of glossaries, (4) contextual clues, and (5) independent reading. Grammar study focuses on correct usage in writing and speaking. Grammatical problem areas in student compositions will be identified and will form the basis for in-depth study and correction. Variety of sentence structure as a tool of good writing will be emphasized. This course differs from English 10 in that there is added emphasis on higher-level thinking skills in literature. Students read Greek drama and selected stories, plays, essays, poems and novels by American and European authors. Special emphasis is placed on works by Harper Lee and William Shakespeare. Composition focuses on developing the short essay in both the personal and formal genre. Essay tests encourage the student to practice his skills on a frequent basis. Written book reports must be submitted at least once each semester. Vocabulary study is an integral aspect of both semesters.

Honors English 10 students complete a formal research paper that demonstrates proficiency in conducting research and writing about a chosen topic.

-Fulfills an English/Language Arts requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

ENGLISH 11 (1006)**Required, 1 year course*****Recommended Grade Level: 11***

English 11, an integrated English course based on Indiana's Academic Standards for English/Language Arts in Grade 11 and the Common Core State Standards for English/Language Arts, is a study of language, literature, composition, and oral communication with a focus on exploring characterization across universal themes and a wide variety of genres. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance appropriate for Grade 11 in classic and contemporary literature balanced with nonfiction. Students write fictional narratives, short stories, responses to literature, reflective compositions, historical investigation reports, resumes, and technical documents incorporating visual information in the form of pictures, graphs, and tables. Students write and deliver grade-appropriate multimedia presentations and access, analyze, and evaluate online information.

-Fulfills an English/Language Arts requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

ENGLISH 12 (1008)**Required, 1 year course*****Recommended Grade Level: 12***

English 12, an integrated English course based on Indiana's Academic Standards for English/Language Arts for Grade 12 and the Common Core State Standards for English/Language Arts, is a study of language, literature, composition, and oral communication focusing on an exploration of point of view or perspective across a wide variety of genres. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance for Grade 12 in classic and contemporary literature balanced with nonfiction. Students write fictional narratives, short stories, responses to literature, reflective compositions, historical investigation reports, resumes and technical documents incorporating visual information in the form of pictures, graphs, and tables. Students write and deliver grade-appropriate multimedia presentations and access, analyze, and evaluate online information

-Fulfills an English/Language Arts requirement for the General, Core 40, Core 40 with Academic Honors and

AP ENGLISH LANGUAGE AND COMPOSITION (1056)

Alternate Required, 1 year course

Levels Available: 11, 12

AP English Language and Composition is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. The course focuses on the development and revision of evidence-based analytic and argumentative writing and the rhetorical analysis of nonfiction texts. The course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. There is no prescribed sequence of study.

-Fulfills an English/Language Arts requirement for grades 11 or 12 for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

AP ENGLISH LITERATURE AND COMPOSITION (1058)

Alternate Required, 1 year course

Levels Available: 11, 12

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

-Fulfills an English/Language Arts requirement for grades 11 or 12 for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

ADVANCED ENGLISH/LANGUAGE ARTS, COLLEGE CREDIT (1124)

1 year course

ACP ENGLISH 12

Levels Available: 12

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

- Fulfills an English/Language Arts requirement for all diplomas

FILM LITERATURE (1034)

Alternate Required, 1 semester course

Levels Available: 11, 12

Fall

Film Literature, a course based on the Indiana Academic Standards for English/Language Arts, is a study of how literature is adapted for film or media and includes role playing as film directors for selected screen scenes. During the semester students read short stories and novels (3-4) that have been adapted to film. Students examine the visual interpretation of literary techniques and auditory language in film and the limitations or special capacities of film versus text to present a literary work. Students analyze how films portray the human condition and the roles of men and women and the various ethnic or cultural minorities in the past and present. Nonfiction reading and research will supplement the study of the texts and films to aid in understanding historical context and analogies; screenwriting, filming, and director techniques; biographical information; and

other supporting information. Course can be offered in conjunction with a composition course, or schools may embed Indiana Academic Standards for English/Language Arts writing standards within curriculum.

-Fulfills an English/Language Arts requirement for all diplomas

NOVELS (1042)

Alternate Required, 1 semester course

Levels Available: 11, 12

Fall

Novels, 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 the distinct features of the novel, such as narrative and fictional elements of setting, conflict, climax, and resolution, and may be organized by historical periods, themes, or authors. Students examine three to four novels during the semester from various genres, authors, and time periods, and learn the characteristics of the genres studied. Students analyze the authorial styles and strategies, and use non-fiction reading and research to aid in understanding historical context, allusions, connections to current events, and criticism of the novels.

-Fulfills an English/Language Arts requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

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

GENRES OF LITERATURE: Sports Literature (1036)

Alternate Required, 1 semester course

Levels Available: 11, 12

Fall

The purpose of this course is to examine the world of sports and gain an understanding of the important issues, events, people, and themes that surround this aspect of society. Sports is one of the central discourses of American culture with a unique blend of positive themes such as heroism, pride, identity, and negative themes of cheating, scandal, and disappointment. This course is perfect for the sports enthusiast who understands and appreciates the connection between sports and life. This course will focus on exploring universal themes found in sports such as gender and race equality and prejudice, perseverance, determination, integrity, and other universal themes and emotions experienced both on and off the field of play. Readings and viewings are selected to be both pleasurable and thought-provoking. Selections will cover a range of non-fiction, poetry, autobiographies, documentaries, media (video and film, editorial cartoons) and commentaries from award-winning and popular sports columnists and writers/producers. Students will be required to respond to and think critically about the readings and media shown in class, connecting themes studied. Significant emphasis will be placed on students to show a connection between their own lives and the literature in relation to sports or themes found within sports that is encompassed in those selections.

-Fulfills an English/Language Arts requirement for all diplomas

GENRES OF LITERATURE: Mythology (1036)

Alternate Required, 1 semester course

Levels Available: 11, 12

Fall

Genres of Literature, a course based on the Indiana Academic Standards for English/Language Arts, is a study of various literary genres, such as poetry, dramas, novels, short stories, biographies, journals, diaries, essays, and others. Students examine a set or sets of literary works written in different genres that address similar topics or themes. Students analyze how each genre shapes literary understanding or experiences differently, how different genres enable or constrain the expression of ideas, how certain genres have had stronger impact on the culture than others in different historical time periods, and what the most influential genres are in contemporary times. Course can be offered in conjunction with a composition course, or schools may embed Indiana Academic Standards for English/Language Arts writing standards within curriculum.

-Fulfills an English/Language Arts requirement for all diplomas

CREATIVE WRITING (1092)**Alternate Required, 1 semester course****Levels Available: 11, 12****Spring**

Creative Writing, a course based on the Indiana Academic Standards for English/Language Arts, is a study and application of the rhetorical writing strategies for prose and poetry. Using the writing process, students demonstrate a command of vocabulary, the nuances of language and vocabulary, English language conventions, an awareness of the audience, the purposes for writing, and the style of their own writing. Course can be offered in conjunction with a literature course, or schools may embed Indiana Academic Standards for English/Language Arts reading standards within curriculum.

-Fulfills an English/Language Arts requirement for all diplomas

COMPOSITION (1090)**Alternate Required, 1 semester course****Levels Available: 11, 12****Spring**

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

-Fulfills an English/Language Arts requirement for all diplomas

GRAMMAR (1062)**Alternate Required, 1 semester course****Levels Available: 11, 12****Spring**

Grammar, a course based on the Indiana Academic Standards for English/Language Arts, is a study of the English language system. Students examine and apply the conventions of oral and written expression that include syntax, usage, punctuation, and spelling. Students learn grammatical terminology, study grammar in the context of reading and writing, and apply grammatical concepts in writing and speaking.

-Fulfills an English/Language Arts requirement for all diplomas

ETYMOLOGY (1060)**Alternate Required, 1 semester course****Levels Available: 11, 12****Spring**

Etymology, a language studies course based on the Indiana Academic Standards for English/Language Arts, is the study and application of the derivation of English words and word families from their roots in ancient and modern languages (Latin, Greek, Germanic, and Romance Languages). Students analyze meanings of English words by examining roots, prefixes, and suffixes. Students analyze the connotative and denotative meaning of words in a variety of contexts and the reasons for language change. Students write about word history and semantics in texts that require etymological sensitivity, such as Renaissance poetry or works in translation.

-Fulfills an English/Language Arts requirement for all diplomas

STUDENT MEDIA - YEARBOOK (1086)**Elective, 1 Year Course****Levels Available: 11, 12**

Student Publications, a course based on the High School Journalism Standards and the Student Publications Standards, is the continuation of the study of journalism. Students demonstrate their ability to do journalistic writing and design for high school publications, including school newspapers and yearbooks, and a variety of media formats. Students follow the ethical principles and legal boundaries that guide scholastic journalism.

Students express themselves publicly with meaning and clarity for the purpose of informing, entertaining, or persuading. Students work on high school publications or media staffs so that they may prepare themselves for career paths in journalism, communications, writing, or related fields.

Family and Consumer Sciences

ADVANCED NUTRITION AND WELLNESS 5340 (ADV NTRN WEL) **Elective, 1 semester course**

Recommended Grade Level: 10, 11, 12

Advanced Nutrition and Wellness is a course which provides an extensive study of nutrition. This course is recommended for all students wanting to improve their nutrition and learn how nutrition affects the body across the lifespan. Advanced Nutrition and Wellness is an especially appropriate course for students interested in careers in the medical field, athletic training and dietetics. This course builds on the foundation established in Nutrition and Wellness, which is a required prerequisite. This is a project-based course; utilizing higher-order thinking, communication, leadership and management processes. Topics include extensive study of major nutrients, nutritional standards across the lifespan, influences on nutrition/food choices, technological and scientific influences, and career exploration in this field. Laboratory experiences will be utilized to develop food handling and preparation skills; attention will be given to nutrition, food safety and sanitation. This course is the second in a sequence of courses that provide a foundation for continuing and post-secondary education in all career areas related to nutrition, food, and wellness.

-Recommended Prerequisites: Nutrition and Wellness

-Credits: 1 or 2 semester course, 1 credit per semester, 2 credits maximum

-Counts as a Directed Elective or Elective for all diplomas

INTRO TO CULINARY ARTS AND HOSPITALITY (5438)

Elective, 2 semester course

Levels Available: 9, 10

Introduction to Culinary Arts and Hospitality is recommended for all students regardless of their career cluster or pathway, in order to build basic culinary arts knowledge and skills. It is especially appropriate for students with an interest in careers related to Hospitality, Tourism, and Culinary Arts. A project-based approach that utilizes higher order thinking, communication, leadership, and management processes is recommended. Topics include basic culinary skills in the foodservice industry, safety and sanitation, nutrition, customer relations and career investigation. Students are able to explore this industry and examine their own career goals in light of their findings. Laboratory experiences that emphasize industry practices and develop basic skills are required components of this course.

-Counts as a Directed Elective or Elective for all diplomas

CHILD DEVELOPMENT (5362)

Elective, 1 semester course

Levels Available: 10, 11, 12

Child Development is an introductory course for all students as a life foundation and academic enrichment; it is especially relevant for students interested in careers that draw on knowledge of children, child development, and nurturing of children. This course addresses issues of child development from conception/prenatal through

age 3. It includes the study of prenatal development and birth; growth and development of children; child care giving and nurturing; and support systems for parents and caregivers. A project-based approach that utilizes higher order thinking, communication, leadership, management processes, and fundamentals to college and career success is recommended in order to integrate these topics into the study of child development. Direct, concrete mathematics and language arts proficiencies will be applied. Authentic applications such as introductory laboratory/field 112 Indiana Department of Education High School Course Titles and Descriptions experiences with young children and/or service learning that build knowledge of children, child development, and nurturing of children are strongly recommended. This course provides the foundation for continuing and post-secondary education in all career areas related to children, child development, and nurturing of children.
- Directed Elective or Elective for all diplomas

ADVANCED CHILD DEVELOPMENT (5360)

Elective, 1 semester course

Levels Available: 10, 11, 12

Advanced Child Development is for those students interested in life foundations, academic enrichment, and/or careers related to knowledge of children, child development, and nurturing of children. This course addresses issues of child development from age 4 through age 8 (grade 3). 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. Direct, concrete mathematics and language arts proficiencies will be applied. Service learning, introductory laboratory/field experiences with children in preschool and early elementary school settings, and other authentic applications are strongly recommended. This course provides a foundation for continuing and post-secondary education in all career areas related to children, child development, and nurturing of children.

-Counts as a Directed Elective or Elective for all diplomas

INTERPERSONAL RELATIONSHIPS (5364)

Elective, 1 semester course

Levels Available: 9, 10, 11, 12

Interpersonal Relationships is an introductory course that is especially relevant for students interested in careers that involve interacting with people. It is also valuable for all students as a life foundation and academic enrichment. This course addresses the knowledge and skills needed for positive and productive relationships in career, community, and family settings. Major course topics include communication skills; leadership, teamwork, and collaboration; conflict prevention, resolution, and management; building and maintaining relationships; and individual needs and characteristics and their impacts on relationships. A project-based approach that utilizes higher order thinking, communication, leadership, and management processes, and fundamentals to college and career success is recommended in order to integrate these topics into the study of interpersonal relationships. Direct, concrete language arts proficiencies will be applied. Service learning and other authentic applications are strongly recommended. This course provides a foundation for continuing and post-secondary education for all career areas that involve interacting with people both inside and outside of a business/organization, including team members, clients, patients, customers, and the general public. ●

Recommended Grade: 10, 11

- Required Prerequisites: NONE

- Recommended Prerequisites: none

- Counts as a Directed Elective or Elective for all diplomas

ADULT ROLES AND RESPONSIBILITIES (5330)**Elective, 1 semester course*****Levels Available: 10, 11, 12***

Adult Roles and Responsibilities is recommended for all students as life foundations and academic enrichment, and as a career sequence course for students with an interest in family and community services, personal and family finance, and similar areas. This course builds knowledge, skills, attitudes, and behaviors that students will need as they complete high school and prepare to take the next steps toward adulthood in today's society. The course includes the study of interpersonal standards, lifespan roles and responsibilities, individual and family resource management, and financial responsibility and resources. A project-based approach that utilizes higher order thinking, communication, leadership, management processes, and fundamentals to college and career success is recommended in order to integrate these topics into the study of adult roles and responsibilities. Direct, concrete mathematics and language arts proficiencies will be applied. Service learning and other authentic applications are strongly 111 Indiana Department of Education High School Course Titles and Descriptions recommended. This course provides the foundation for continuing and post-secondary education in all career areas related to individual and family life

- Counts as a Directed Elective or Elective for all diplomas

Fine Arts

INTRODUCTION TO 2-DIMENSIONAL ART (4000)

Elective, 1 semester course

Levels Available: 9, 10, 11, 12

Fall

This course is a semester course designed to offer the student a broad range of experiences based on the elements of art and using various art media and techniques. The concept of aesthetics, art criticism, art production and art history is stressed. After the student is introduced to the elements and principles of art, students learn about art history and art criticism. They will work in graphite colored pencil the first semester and study the elements of art.

-Counts as a Directed Elective or Elective for all diplomas

-Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma

ADVANCED 2-DIMENSIONAL ART (4004)

Elective, 1 semester course

Levels Available: 10, 11, 12

Fall

This course is designed to build upon Introduction to 2-Dimensional Art. The students will have a broad range of experience based on the principles of art using various media including colored pencil, watercolor and pastels. The concept of aesthetics, art criticism, art production and art history is stressed. The class is designed to build upon previous art concepts and skills. Prerequisite: Passing grade in Introduction to 2-Dimensional Art.

-Counts as a Directed Elective or Elective for all diplomas

-Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma

INTRODUCTION TO 3-DIMENSIONAL ART (4002)

Elective, 1 semester course

Levels Available: 9, 10, 11, 12

Spring

Introduction to Three-Dimensional Art is a course based on the Indiana Academic Standards for Visual Art. Students taking this course engage in sequential learning experiences that encompass art history, art criticism, aesthetics, production, and integrated studies and lead to the creation of portfolio quality works. Students explore historical and cultural background and connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; create 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.

-Counts as a Directed Elective or Elective for all diplomas

-Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma

ADVANCED THREE-DIMENSIONAL ART (4006)

Elective, 1 semester course

Levels Available: 10, 11, 12

Spring

Advanced Three-Dimensional Art 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.

-Counts as a Directed Elective or Elective for all diplomas

-Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma

CERAMICS (4040)

Elective, 1 semester course

Levels Available: 10, 11, 12

Spring

Students in ceramics will further develop their knowledge in ceramics engaging in a sequential learning that includes art history, art criticism, aesthetics and the production of quality art works. Students will create works of art by using hand building process and wheel throwing process. The techniques of pinch, coil, slab and wheel will be explored. All ceramic projects will be glazed and kiln fired. Students will explore career options related to ceramics. Art museums, galleries and studios, and community resources will be utilized.

-Counts as a Directed Elective or Elective for all diplomas

-Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma

PAINTING (4064)

Elective, 1 semester course

Levels Available: 10, 11, 12

Fall

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

-Counts as a Directed Elective or Elective for all diplomas

-Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma

INTERMEDIATE CONCERT BAND (4168)

Elective, 1 year course

Levels Available: 9, 10, 11, 12

Intermediate Concert Band is based on the Indiana Academic Standards for High School Instrumental Music. This course includes a balanced comprehensive study of music that develops skills in the psychomotor, cognitive, and affective domains. Ensemble and solo activities are designed to develop elements of musicianship including tone production, technical skills, intonation, music reading skills, listening skills, analyzing music, studying historically significant styles of literature, and integration of other applicable disciplines. Students study a varied repertoire of developmentally appropriate concert band literature and 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.

-Counts as a Directed Elective or Elective for all diplomas

-Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma

BEGINNING CHORUS (4182)**Elective, 1 year course*****Levels Available: 9, 10, 11, 12***

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

-Counts as a Directed Elective or Elective for all diplomas

-Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma

INTERMEDIATE CHORUS (4186)**Elective, 1 year course*****Levels Available: 9, 10, 11, 12***

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

-Counts as a Directed Elective or Elective for all diplomas

-Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma

AP MUSIC THEORY (4210)**Elective, 1 year course*****Levels Available: 10, 11, 12***

AP Music Theory 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 AP Music Theory course corresponds to two semesters of a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Musicianship skills including dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of music that are heard or presented in a score. Development of aural skills is a primary objective. Performance is also part of the learning process. Students understand basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized.

-Counts as a Directed Elective or Elective for all diplomas

-Fulfills Fine Arts requirement for Core 40 with Academic Honors diploma

**Design Fundamentals (4834) - *DUAL CREDIT*
course****Elective, 1 year**

Levels Available: 11, 12

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 judgments 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 presentation skills.

INTRODUCTION TO PHOTOGRAPHY (5570I)

Elective, 1 year course

Levels Available: 9, 10, 11, 12

Introduction to Photography is a foundation building class that help prepare students for the Commercial Photography course. Focus is placed on camera operation and composition related to traditional photographic principles and also tools and creative effects for editing and/or enhancing photographs. Instruction emphasizes the planning, development, and production of materials that visually communicate ideas and information.

INTRODUCTION TO GRAPHIC DESIGN (5550I)

Elective, 1 year course

Levels Available: 9, 10, 11, 12

Introduction to Graphic Design is a foundation building class that help prepare students for the Graphic Design and Layout course. Focus is placed on advertising theory and preparation of copy, lettering, posters, and artwork in addition to incorporation of photographic images

COMMERCIAL PHOTOGRAPHY (5570) *DUAL CREDIT*

Elective, 1 year course

Levels Available: 10, 11, 12

Commercial Photography is an organized learning experience that includes theory, laboratory, and studio work as each relates to all phases of camera use, photographic processing, and electronic photographic editing. Instruction covers the topics of composition and color dynamics; contact printing and enlarging; developing film; lighting techniques and meters; large and medium format cameras and other current photographic equipment used for portrait, commercial, and industrial photography. Focus is placed on camera operation and composition related to traditional photographic principles and also tools and creative effects for editing and/or enhancing photographs. Instruction emphasizes the planning, development, and production of materials that visually communicate ideas and information.

GRAPHIC DESIGN AND LAYOUT (5550) *DUAL CREDIT*

Elective, 1 year course

Levels Available: 10, 11, 12

Graphic Design and Layout includes organized learning experiences that incorporate a variety of visual art techniques as they relate to the design and execution of layouts and illustrations for advertising, displays, promotional materials, and instructional manuals. Instruction also covers advertising theory and preparation of copy, lettering, posters, and artwork in addition to incorporation of photographic images. Communication skills will be emphasized through the study of effective methods used to design commercial products that impart information and ideas. Advanced instruction might also include experiences in various printing processes as well as activities in designing product packaging and commercial displays or exhibits.

-Counts as a Directed Elective or Elective for all diplomas

-This class lasts 2 class periods and awards 2 credits per semester

Foreign Language

SPANISH I (2120)

Elective, 1 year course

Levels Available: 9, 10, 11, 12

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

-Counts as a Directed Elective or Elective for all diplomas

-Fulfills a World Language requirement for the Core 40 with Academic Honors diploma

SPANISH II (2122)

Elective, 1 year course

PREREQUISITE: Spanish I

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

-Counts as a Directed Elective or Elective for all diplomas

-Fulfills a World Language requirement for the Core 40 with Academic Honors diploma

SPANISH III (2124)

Elective, 1 year course

PREREQUISITE: Spanish I and II

Spanish III, a course based on Indiana's Academic Standards for World Languages, builds upon effective strategies for Spanish language learning by facilitating the use of the language and cultural understanding for self-directed purposes. This course encourages interpersonal communication through speaking and writing, providing opportunities to initiate, sustain and close conversations; exchange detailed information in oral and written form; and write cohesive information with greater detail. This course also emphasizes the continued

development of reading and listening comprehension skills, such as using cognates, synonyms and antonyms to derive meaning from written and oral information, as well as comprehending detailed written or oral directions. Students will address the presentational mode by presenting student-created material on a variety of topics, as well as reading aloud to practice appropriate pronunciation and intonation. Additionally, students will continue to develop understanding of Spanish-speaking culture through recognition of the interrelations among the practices, products and perspectives of the target culture; discussion of significant events in the target culture; and investigation of elements that shape cultural identity in the target culture. This course further emphasizes making connections across content areas as well the application of understanding Spanish language and culture outside of the classroom.

-Counts as a Directed Elective or Elective for all diplomas

-Fulfills a World Language requirement for the Core 40 with Academic Honors diploma

AP SPANISH (2132)

Elective, 1 year course

PREREQUISITE: Spanish I, II and III

AP Spanish Language and Culture is a course established and copyrighted by the College Board and follows the College Board course guidelines for AP Spanish Language and Culture. The course prepares students to be successful on the AP Spanish Language and Culture exam. The course is not intended to be used as a dual credit course. The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

-Counts as a Directed Elective or Elective for all diplomas

-Fulfills a World Language requirement for the Core 40 with Academic Honors diploma

Math

ALGEBRA I (2520)

Required, 1 year course

Levels Available: 9, 10, 11, 12

Algebra I formalizes and extends the mathematics students learned in the middle grades. Algebra I is made up of 5 strands: Real Numbers and Expressions; Functions; Linear Equations, Inequalities, and Functions; Systems of Equations and Inequalities; Quadratic and Exponential Equations and Functions; and Data Analysis and Statistics. These critical areas deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

-Counts as a Mathematics Course for all diplomas

ALGEBRA I LAB (2516)

Elective 1 year course

Levels Available: 9, 10, 11, 12

Algebra I Lab is a mathematics support course for Algebra I. Algebra I Lab is taken while students are concurrently enrolled in Algebra I. This 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 Algebra I Lab align with the critical areas of Algebra I: Relationships between Quantities and Reasoning with Equations; Linear and Exponential Relationships; Descriptive Statistics; Expressions and Equations; and Quadratic Functions and Modeling. However, whereas Algebra I contains exclusively grade-level content, Algebra I Lab combines standards from high school courses with foundational standards from the middle grades.

-Counts as a Mathematics Course for the General Diploma only or as an Elective for the Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

-Algebra Enrichment is designed as a support course for Algebra I. As such, a student taking Algebra Enrichment must also be enrolled in Algebra I during the same academic year.

GEOMETRY (2532)

Required, 1 year course

Levels Available: 9, 10, 11, 12

Geometry formalizes and extends students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Geometry is made up of seven strands: Logic and Proofs; Points, Lines, Angles, and Planes; Triangles; Quadrilaterals and Other Polygons; Circles; Transformations; and Three-dimensional Solids. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

-Counts as a Mathematics Course for all diplomas

-Fulfills the Geometry/Integrated Mathematics II requirement for the Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

HONORS GEOMETRY (2532)

Alternative Required, 1-year course

Levels Available: 9, 10, 11, 12

Honors Geometry is a course that 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. An understanding of logic and proofs is also developed. Properties and relationships of geometric figures include the study of: (1) lines, (2) angles, (3) planes, (4) polygons, (5) congruent and similar figures, (6) circles and spatial drawings, and (7) trigonometric ratios. Technology options such as drawing programs and graphing calculators are included when applicable. *Prerequisite: Students in grade 9 must have had an "A" average or higher in Algebra.* The class will move at a faster pace than the regular Geometry class. This will allow the teacher to incorporate more in-depth problem sets and supplement the material in the current textbook. Upon successful completion of this course, a student will be given an "Honors" notation on their transcript as well as be qualified to take other proposed honors math classes.

ALGEBRA II (2522)

Required, 1-year course

Levels Available: 9, 10, 11, 12

Algebra II builds on work with linear, quadratic, and exponential functions and allows for students to extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. Algebra II is made up of seven strands: Complex Numbers and Expressions; Functions; Systems of Equations; Quadratic Equations and Functions; Exponential & Logarithmic Equations and Functions; Polynomial, Rational, and Other Equations and Functions; and Data Analysis, Statistics, and Probability. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

HONORS ALGEBRA II (2522)

Alternative Required, 1 year course

Levels Available: 9, 10, 11, 12

Many topics found in Algebra I are treated in greater depth and with much wider application and generality. The further development of functions is also studied. New topics introduced in this course will include: (1) quadratic equations; (2) exponential and logarithmic equations; (3) conic sections; (4) complex numbers, sequences and series; (5) permutations and combinations; (6) matrices; and (7) theorems and algorithms of algebra. The class will move at a faster pace than the regular Algebra II class. This will allow the teacher to incorporate more in-depth problem sets and supplement the material in the current textbook.

HONORS PRE-CALCULUS (2564)

Alternative Required, 1 semester course

Levels Available: 10, 11, 12

Pre-Calculus extends the foundations of algebra and functions developed in previous courses to new functions, including exponential and logarithmic functions, and to higher-level sequences and series. The course provides students with the skills and understandings that are necessary for advanced manipulation of angles and measurement. Pre-Calculus is made up of five strands: Polar Coordinates and Complex Numbers; Functions; Quadratic, Polynomial, and Rational Equations and Functions; Exponential and Logarithmic Equations and

Functions; and Parametric Equations. Students will also advance their understanding of imaginary numbers through an investigation of complex numbers and polar coordinates. The course is designed for students who expect math to be a major component of their future college and career experiences, and as such it is designed to provide students with strong foundations for calculus and other higher-level math courses. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

-Recommended Prerequisite: Algebra II and Geometry or Integrated Mathematics III

-Counts as a Mathematics Course for all diplomas

TRIGONOMETRY 2566 (TRIG)

Alternative Required, 1 semester course

Levels Available: 10, 11, 12

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. A strong understanding of complex and imaginary numbers is a necessity for fields such as engineering and computer programming. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

-Recommended Prerequisites: Algebra II and Geometry or Integrated Mathematics III

-Counts as a Mathematics course for all diplomas

PROBABILITY AND STATISTICS (2546)

Alternative Required, 1 semester course

Levels Available: 11, 12

Fall

Probability and Statistics includes the concepts and skills needed to apply statistical techniques in the decision-making process. Topics include: (1) descriptive statistics, (2) probability, and (3) statistical inference. Practical examples based on real experimental data are used throughout. Students plan and conduct experiments or surveys and analyze the resulting data. The use of graphing calculators and computer programs is encouraged.

FINITE MATHEMATICS (2530)

Alternative Required, 1 semester course

Levels Available: 11, 12

Spring

Finite Mathematics is an umbrella of mathematical topics. It is a course designed for students who will undertake higher-level mathematics in college that may not include calculus. Topics include: (1) counting techniques, (2) matrices, (3) recursion, (4) graph theory, (5) social choice, (6) linear programming, and (7) game theory. Technology, such as computers and graphing calculators, should be used frequently.

CALCULUS AB, ADVANCED PLACEMENT (2562)

Alternative Required, 1 year course

Levels Available: 11, 12

Calculus AB, Advanced Placement is a course based on content established by the College Board. Calculus AB is primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. The connections among these representations also are important. Topics include: (1) functions, graphs, and limits; (2) derivatives; and (3) integrals. Technology should be used regularly by students and teachers to reinforce the relationships among the multiple representations of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. A comprehensive description of this course can

be found on the College Board AP Central Course Description web page at:
<http://apcentral.collegeboard.com/apc/public/repository/ap-calculus-course-description.pdf>

BUSINESS MATH 4512 (BUS MATH)

1 year course

Recommended Grade Level: 10, 11

Business Math is a course designed to prepare students for roles as entrepreneurs, producers, and business leaders by developing abilities and skills that are part of any business environment. A solid understanding of math including algebra, basic geometry, statistics, and probability provides the necessary foundation for students interested in careers in business and skilled trade areas. The content includes mathematical operations related to accounting, banking and finance, marketing, and management. Instructional strategies should include simulations, guest speakers, tours, Internet research, and business experiences.

-Prerequisites: Algebra I

-Credits: 2 semester course, 1 credit per semester, 2 credits maximum

-Counts as an Elective or Directed Elective for all diplomas

-Fulfills a Mathematics requirement for the General Diploma or Certificate of Completion only

-Qualifies as a quantitative reasoning course

Multidisciplinary

COLLEGE ENTRANCE PREPARATION (0532)

Elective 1 Semester Course

Levels Available: 11, 12

College-Entrance Preparation utilizes individual student score reports from the PSAT, PLAN, and/or ACCUPLACER to prepare students for the SAT, ACT, ACCUPLACER and/or Compass college readiness assessments. Based on student score reports, students will receive targeted instruction to strengthen their foundations in critical reading, writing, mathematics, and science sections of college admission and placement exams. As appropriate, the course will also encompass test taking strategies to prepare students for success on a high-stakes assessment. Teachers are encouraged to use a curriculum with longitudinal, successful results. Course may also include college selection and application units, to better prepare students for overall college-readiness. Being “college ready” means being prepared for any postsecondary education or training experience, including readiness for study at two-year and four-year institutions leading to a postsecondary credential (i.e., a certificate, license, Associate’s or Bachelor’s degree). Being ready for college means that a high school graduate has the English and mathematics knowledge and skills necessary to qualify for and succeed in entry-level, credit bearing college courses without the need for remedial coursework.

COMMUNITY SERVICE 0524 (COMM SERV)

Levels Available: 11, 12

Community Service is a course created by public law IC 20-30-14, allowing juniors and seniors the opportunity to earn up to two high school credits for completion of approved community service projects or volunteer service that “relates to a course in which the student is enrolled or intends to enroll.” For each student who wishes to earn credit for community service or volunteer service under this law, the student, a teacher of the student, or a community or volunteer service organization must submit an application to the high school principal including: 1. Name of the community service organization or volunteer service organization the student intends to assist. 2. Name, address, and telephone number of the director or supervisor of the community service organization or volunteer service organization and, if different from the director or supervisor, the name, address, and telephone number of the individual assigned by the community or volunteer service organization to supervise the student at the activity site. 3. Nature of the community service or volunteer service performed by the student with a certification that the service performed by the student is voluntary. 4. Total number of hours the student intends to serve the community service organization or volunteer service organization during the school year. 5. Written statement by the director or the supervisor of the community service organization or volunteer service organization certifying that the information included in the application is an accurate reflection of: a. the student's expectations with regard to the number of hours of service contemplated to be performed; and b. the community service organization's or the volunteer service organization's need to acquire the student's service. 6. Description of: a. the educational or career exploration benefits the student and the school should expect to gain, including the student learning standards to be achieved, from the student's community or volunteer service participation; and b. the service and benefit the community service organization or volunteer service organization expects to gain from the student's participation. 7. Description of how the community or volunteer service activity relates to a course in which the student is enrolled or intends to enroll. 8. Manner and frequency in which the student and the community or volunteer service activity will be evaluated. 9. Name of the certificated school employee who will be responsible for monitoring and evaluating the student's activity and performance and assigning the student a grade for participation under this section. 10. Any other information required by the principal.

-Counts as a Directed Elective or Elective for all diplomas

PEER TUTORING (0520)**Elective 1 Year Course*****Levels Available: 11, 12***

Peer Tutoring 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. Peer Tutoring 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.

Physical Education & Health

PHYSICAL EDUCATION I (L) (3542)

Required, 1 semester course

Levels Available: 9, 10, 11, 12

Physical Education I places an emphasis on health-related fitness and game activities necessary for a lifetime of activity. This program includes skill development and the application of basic rules and strategies in fitness activities and games. Game activities will focus on team and partner sports. The physical education curriculum for semester one will focus on:

1. Health-related fitness activities will include walking, jogging, running, and station fitness programs.
2. Introduction to weight room practices and basic strength training fundamentals and skills.
3. Sports, games, and activities: volleyball, flag football, flicker ball, and basketball.

Assessment, in large part, will be based on student participation in class activities.

PHYSICAL EDUCATION II (L) (3544)

Required, 1 semester course

Levels Available: 9, 10, 11, 12

Physical Education II will continue the basic concepts of physical education I, placing an emphasis on health-related fitness and game activities necessary for a lifetime of activity. This program includes skill development and the application of rules and basic strategy in fitness activities and games. Game activities will focus on team and partner sports. The physical education curriculum for semester two will focus on:

1. Health-related fitness activities will include walking, jogging, running, and station fitness programs
2. Introduction to weight room practices and basic strength training fundamentals and skills.
3. Sports, games, and activities: team handball, floor hockey, whiffle ball, kick ball, and swimming.

Assessment, in large part, will be based on student participation in class activities.

HEALTH EDUCATION (3506)

Required, 1 semester course

Levels Available: 10, 11, 12

High school health education provides the basis for continued methods of developing knowledge, concepts, skills, behaviors, and attitudes related to student health and well-being. This course includes the major content areas in a planned, sequential, comprehensive health education curriculum as expressed in the Indiana Health Education Standards Guide: (1) Growth and Development; (2) Mental and Emotional Health; (3) Community and Environmental Health; (4) Nutrition; (5) Family Life; (6) Consumer Health; (7) Personal Health; (8) Alcohol, Tobacco, and Other Drugs; (9) Intentional and Unintentional Injury, and (10) Health Promotion and Disease Prevention. Students are provided with opportunities to explore the effect of health behaviors on an individual's quality of life. This course assists students in understanding that health is a lifetime commitment by analyzing individual risks factors and health decisions that promote health and prevent disease. Students are also encouraged to assume individual responsibility for becoming competent health consumers. A variety of instructional strategies, including technology, are used to further develop health literacy. *This required course is generally taken in the 10th grade.*

ELECTIVE PE: ADVANCED PHYSICAL CONDITIONING (3560)

Elective, 1 yr / 1 semester

Recommended Grade Level: 10, 11

Elective Physical Education, a course based on selected standards from Indiana's Academic Standards for Physical Education, identifies what a student should know and be able to do as a result of a quality physical education program. The goal of a physically educated student is to maintain appropriate levels of , muscular strength and endurance, flexibility, and body composition necessary for a healthy and productive life. Elective Physical Education promotes lifetime sport and recreational activities and provides an opportunity for an in-depth study in one or more specific areas. A minimum of two of the following activities should be included:

team sports; dual sports activities; individual physical activities; outdoor pursuits; self-defense and martial arts; aquatics; gymnastics; and dance. It includes the study of physical development concepts and principles of sport and exercise as well as opportunities to develop or refine skills and attitudes that promote lifelong fitness. Students have the opportunity to design and develop an appropriate personal fitness program that enables them to achieve a desired level of fitness. Ongoing assessment includes both written and performance-based skill evaluation. Individual assessments may be modified for individuals with disabilities, in addition to those with IEP's and 504 plans (e.g., chronic illnesses, temporary injuries, obesity, etc.). See 511 IAC 7-27-9, 7-27-11.

ELECTIVE PE: LIFEGUARDING (3560)

Elective, 1 semester

Levels Available: 10, 11, 12 Minimum Age - 15

Fall

The Lifeguarding r.2017 program trains lifeguards to act with speed and confidence in emergency situations both in and out of the water.

Topics include: Water rescue skills, Surveillance and Recognition, First aid, Respiratory (Breathing) and Cardiac emergencies, CPR, AED

Emergency Oxygen Administration

***Note, the CPR/AED for Professional Rescuers (Cpro) course content is included and imbedded as part of the Lifeguarding, Shallow Water Lifeguarding and Aquatic Attraction Lifeguarding courses. The new program reflects the latest ECC science and findings from the United States Lifeguard Standards Coalition Report.

ELECTIVE PE: WATER SAFETY INSTRUCTOR (3560)

Elective, 1 semester

Levels Available: 10, 11, 12 Minimum Age - 16

Spring

To train instructor candidates to teach swim lessons and water safety courses and presentations. Candidates that successfully pass the Water Safety Instructor (WSI) course will be certified to teach the following courses:

Two levels of Parent and Child Aquatics courses, Three levels of Preschool Aquatics courses, Six levels of Learn-to-Swim courses, Three Adult Swim courses, Water Safety Courses and Presentations: Basic Water Rescue, Personal Water Safety, Safety Training for Swim Coaches, Water Safety Today, General Water Safety, Home Pool Safety, Parent Orientation to Swim Lessons, Sun Safety, Rip Current Safety.

Science

BIOLOGY I (L) (3024)

Required, 1-year course

Recommended Level: 9, 10

This course provides a broad overview of the principles of scientific investigation and the study of Biology. The first semester concentrates on: the history of scientific study, chemistry, biochemistry, cell structure and function, photosynthesis and cellular respiration. The second semester will concentrate on: genetics, evolution, and ecology. Students, in this course, will use independent study, collaboration, and laboratory practice to gain perspective on the study of Biology, its history, and its modern applications and career opportunities. *Required for students in grade 10 that have not previously earned Biology credits.*

HONORS BIOLOGY I 3024H

Required, 1-year course

Recommended Level: 9, 10

PREREQUISITE: Teacher Recommendation

Biology I (Honors) contains all the lessons and instructional activities of Biology I with additional emphasis placed on broad concepts applicable to all living systems. Details concerning the diversity of processes, structures, and organisms are related to the basic principles and features of all life. Laboratory investigations are an essential component of the learning experience. Out of class projects are expected. Biology I (Honors) provides, through regular laboratory and field investigations, a study of the structures and functions of living organisms and their interactions with their environment. At a minimum, this study explores the functions and processes of cells, tissues, organs, and systems within various species of living organisms and the roles and interdependencies of organisms within populations, communities, ecosystems, and the biosphere. Students have opportunities to: (1) gain an understanding of the history of the development of biological knowledge, (2) explore the uses of biology in various careers, and (3) investigate biological questions and problems related to personal needs and social issues through local environmental experimentation, data collection and research. Biology I (Honors) also contains additional requirements not expected in Biology I. At least 50% of the course consists of laboratory experiences. Upon completion of semester one, Biology I (Honors) students are expected to be able to communicate their understanding of cell structure, function and complexity through the construction of plant and animal cell models and a simple fragment model of DNA that includes a gene essential for the survival of living organisms. Throughout the second semester, Biology I (Honors) students are expected to communicate their understanding of the classification of, and the evolution of, organisms through four in-class multimedia presentations subject to class discussion and debate.

ANATOMY AND PHYSIOLOGY 5276 (A & P)

1 year course

Levels Available: 11, 12

Anatomy & Physiology is a course in which students investigate concepts related to Health Science, with emphasis on interdependence of systems and contributions of each system to the maintenance of a healthy body. It introduces students to the cell, which is the basic structural and functional unit of all organisms, and covers tissues, integumentary, skeletal, muscular, and nervous systems as an integrated unit. Through instruction, including laboratory activities, students apply concepts associated with Human Anatomy & Physiology. Students will understand the structure, organization and function of the various components of the healthy body in order to apply this knowledge in all health related fields.

-Recommended Prerequisites: Biology

-Counts as a Directed Elective or Elective for all diplomas

-Fulfills a science course requirement for all diplomas

ADVANCED SCIENCE, COLLEGE CREDIT (L) 3090 (ADV SCI CC) *DUAL CREDIT*

Recommended Grade Level: 11, 12

Advanced Science, College Credit is a title that covers (1) any science course offered for credit by an accredited postsecondary institution through an adjunct agreement with a secondary school, or (2) any other postsecondary science course offered for dual credit under the provisions of 511 IAC 6-10.

-Credits: 1 semester course, 1 credit per semester. May be offered for successive semesters

-Counts as a Science Course for all diplomas

Courses that use this title are most often those taught through the post-secondary campus, taught either online or in traditional settings or a combination; and taught by higher education faculty. Courses that use this title are those that do not meet specific high school standards for a corresponding high school course, as they are standards beyond what is taught in the high school.

INTEGRATED CHEMISTRY-PHYSICS (L) (3108)

Alternate Required, 1-year

course

Recommended Level: 10, 11, 12

This course covers selected topics in elementary Chemistry and Physics. The semester on chemistry will cover scientific methods of inquiry; the metric system; classification of matter; atomic structure. The application of chemical bonding, nomenclature, chemical reactivity, mole concepts, as well as nuclear and organic chemistry in today's society will be addressed. The semester on physics will cover the fundamentals linear and circular motion, gravity, energy, temperature, heat, wave mechanics, electricity and the application and understanding of physics in everyday events.

LIFE SCIENCE (L) 3030 (LIFE SCI)

1 semester course

Recommended Grade Level: 9, 10, 11, 12

Life Science is an introduction to 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.

-Credits: 1 semester course, 1 credit per semester

-Counts as a science course for the General Diploma only

-Counts as an Elective for the Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

PHYSICAL SCIENCE (L) 3102 (PHY SCI)

1 semester course

Recommended Grade Level: 9, 10

Physical Science 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.

-Credits: 1 semester course, 1 credit per semester

-Counts toward the physical science requirement for the General Diploma

-Counts as an Elective for the Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

ENVIRONMENTAL SCIENCE (3010)**Alternate required, 1-year course*****Recommended Level: 10, 11, 12***

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

CHEMISTRY I (L) (3064)**Alternate required, 1-year course*****Recommended Level: 10, 11, 12***

Chemistry I is designed for students in grades 11-12 who plan on attending a four year college. It provides a comprehensive study of chemical concepts through scientific problem solving and extensive experimentation. Chemistry I focuses on matter, nomenclature, stoichiometry, electronic structure, chemical bonding, solutions, acids and bases, kinetics, equilibrium, as well as nuclear and organic chemistry. *Prerequisite: Successful completion of Algebra I and Biology (C+ minimum in both). This course may count toward the physical science requirement for all diplomas. Qualifies as a Math Quantitative Reasoning course.*

ADVANCED PLACEMENT CHEMISTRY I (L) (3066)**Elective, 1-year course*****Recommended Level: 11, 12***

Chemistry AP is designed to be the equivalent of a college introductory chemistry course. This course is designed to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the challenging, lab-orientated science of chemistry. It provides a comprehensive study of chemical concepts through scientific problem-solving and extensive experimentation. Analytical chemistry with both qualitative and quantitative analyses is the focus. Engineering and medical chemical concepts are stressed. The course follows the College Board Entrance Examination Guidelines. Students who take Chemistry AP are expected to take the AP examination in May. Those who score at a prescribed level may receive advanced and /or advanced placement credit at their college. (It is the responsibility of the student to check the AP credit policies of their college for specific score requirements.) *Prerequisite: A minimum of a "B" average in Chemistry I and a "B" average or better in Algebra II is required with a teacher recommendation will be considered.*

ADVANCED PLACEMENT PHYSICS 1 (L) (3084)**Elective, 1-year course*****Recommended Level: 11, 12***

Physics I is an algebra-based course that studies fundamental concepts and principles concerning matter and energy. Topics include mechanics (motion and forces), heat, waves, light, electricity, magnetism, electromagnetism, and nuclear physics. Students will explore topics from both qualitative (conceptual) and quantitative (mathematical) perspectives. Laboratory investigations are a key component of the course. Students who score at a prescribed level may receive advanced credit, advanced placement, or both at their college. (Always check the AP policies at your college for specific score requirement).

Prerequisites: Algebra II and Geometry; Chemistry highly recommended.

Social Studies

WORLD HISTORY & CIVILIZATION (1548)

Required, 1-year course

Recommended Level: 10, 11, 12

World History strives to give students a better understanding of the world around them and helps them to better develop context of the ever-changing world. Students in this course will be able to describe influential world events, people, places, world religions, and patterns of civilization from the beginning of human history starting with the earliest humans and the course will end with a look into the current state of world affairs. This course puts a strong emphasis on understanding historical events through the use of primary and secondary sources and continuing to develop literacy skills over the course of this two semester class. Students will be given the opportunity to practice these skills and then apply them to historical documents written over the course of human history with an emphasis placed on the units of study in the class. Students will understand multiracial, multinational, and multicultural perspectives to gain a better understanding of the history of the world and how that history continues to influence the human race today. *This course can be used as a substitute for Geography and History of the World.*

UNITED STATES HISTORY (1542)

Required, 1-year course

Recommended Level: 10, 11, 12

United States History emphasizes national development in the late nineteenth and the twentieth centuries and builds upon concepts developed in previous studies of American history. Students in this course also identify and review significant events, figures, 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 centuries. A chronological, topical, or comparative approach can be used in developing themes from America's past as they relate to life in Indiana and the United States today. Students demonstrate the ability to trace and analyze chronological periods and examine the relationships of significant themes and concepts in United States history. Students will be able to sequence historical events, examine cause and effect, identify different perspectives, and relate historical situations to current issues. Opportunities are given to develop inquiry skills by gathering and organizing information from primary source material and a variety of historical and contemporary sources, accounts, and documents. Investigation of themes and issues include an analysis of the importance of cultural pluralism and diversity of opinion in American society. Students are given opportunities to exercise their skills as citizens in a democratic society by engaging in problem solving and civic decision making in the classroom, school, and community settings. *Open to Juniors / Seniors only.*

AP UNITED STATES HISTORY 1562 (US HIST AP)

2 semester course

Recommended Grade Level: 11, 12

AP United States History is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. AP United States History focuses on developing students' abilities to think conceptually about U.S. history from approximately 1491 to the present and apply historical thinking skills as they learn about the past. Seven themes of equal importance — identity; peopling; politics and power; work, exchange, and technology; America in the world; environment and geography; and

ideas, beliefs, and culture — provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places. Students should be able to read a college level textbook and write grammatically correct, complete sentences.

-Credits: 2 semester course, 1 credit per semester

-Fulfills the US History requirement for all diplomas

AP WORLD HISTORY MODERN (1612)

2 semester course

Levels available: 10

AP World History Modern is designed to be the equivalent of a two- semester introductory college or university world history course. According to the College Board AP World History Modern students “investigate significant events, individuals, developments, and processes in historical periods from approximately 1200 CE to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; making historical comparisons; utilizing reasoning about contextualization, causation, and continuity and change over time; and developing historical arguments. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures.

- Fulfills the Geography History of the World/World History and Civilization graduation requirement for the Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

ECONOMICS (1514)

Required, 1 semester course

Recommended Level: 12

The subject matter and style are designed so that discussions of the most difficult economic concepts are treated in the most meaningful manner possible. Economic analysis and logical reasoning are stimulated. Discussions of economic and political institutions and practices, production resources, income and income distribution, business organization, organized labor, monopolies and production of the gross national debt help the student to understand the nature of our economic system and its effects. *Required class for all seniors. Qualifies as a Math Quantitative Reasoning course.*

UNITED STATES GOVERNMENT (1540)

Required, 1 semester course

Recommended Level: 12

A basic assumption of this course is that we should have an understanding of the American system of government. This is accomplished by emphasizing the supreme and fundamental characteristics of our governmental system by treating the origins, the developments, the principles, the organizations, the powers, the functions and the actual working of our government. *Required class for all seniors.*

INDIANA STUDIES 1518 (IN STUDIES)

Elective, 1 semester course

Recommended Grade Level: none

Indiana Studies is an integrated course that compares and contrasts state and national developments in the areas of politics, economics, history, and culture. The course uses Indiana history as a basis for understanding current policies, practices, and state legislative procedures. It also includes the study of state and national constitutions from a historical perspective and as a current foundation of government. Examination of individual leaders and their roles in a democratic society will be included and student will examine the participation of citizens in the political process. Selections from Indiana arts and literature may also be analyzed for insights into historical

events and cultural expressions.

ETHNIC STUDIES 1516 (ETH STUDIES)

Elective, 1 semester course

Recommended Grade Level: none

Ethnic Studies provides opportunities to broaden students' perspectives concerning lifestyles and cultural patterns of ethnic groups in the United States. This course will either focus on a particular ethnic group or groups, or use a comparative approach to the study of patterns of cultural development, immigration, and assimilation, as well as the contributions of specific ethnic or cultural groups. The course may also include analysis of the political impact of ethnic diversity in the United States.

Support

BASIC SKILLS DEVELOPMENT: English (0500)

Elective, 1 year course

Levels Available: 9, 10, 11, 12

Basic Skills Development is a multidisciplinary course that provides students continuing opportunities to develop basic skills including: (1) reading, (2) writing, (3) listening, (4) speaking, (5) mathematical computation, (6) note taking, (7) study and organizational skills, and (8) problem-solving skills, which are essential for high school course work achievement. Determination of the skills to be emphasized in this course is based on Indiana's standards, individual school corporation general curriculum plans, and the student's Individualized Education Programs (IEP) or other individualized plans. Skills selected for developmental work provide students with the ability to continue to learn in a range of different life situations.

-Course is offered for students with a SLD

-Counts as an Elective for all diplomas

BASIC SKILLS DEVELOPMENT: Language Arts Lab (0500)

Elective, 1 year course

Levels Available: 9, 10, 11, 12

Basic Skills Development is a multidisciplinary course that provides students continuing opportunities to develop basic skills including: (1) reading, (2) writing, (3) listening, (4) speaking, (5) mathematical computation, (6) note taking, (7) study and organizational skills, and (8) problem-solving skills, which are essential for high school course work achievement. Determination of the skills to be emphasized in this course is based on Indiana's standards, individual school corporation general curriculum plans, and the student's Individualized Education Programs (IEP) or other individualized plans. Skills selected for developmental work provide students with the ability to continue to learn in a range of different life situations.

-Course is offered for remediation

-Counts as an Elective for all diplomas

BASIC SKILLS DEVELOPMENT: Math Lab (0500)

Elective, 1 year course

Levels Available: 9, 10, 11, 12

Basic Skills Development is a multidisciplinary course that provides students continuing opportunities to develop basic skills including: (1) reading, (2) writing, (3) listening, (4) speaking, (5) mathematical computation, (6) note taking, (7) study and organizational skills, and (8) problem-solving skills, which are essential for high school course work achievement. Determination of the skills to be emphasized in this course is based on Indiana's standards, individual school corporation general curriculum plans, and the student's Individualized Education Programs (IEP) or other individualized plans. Skills selected for developmental work provide students with the ability to continue to learn in a range of different life situations.

-Course is offered for remediation

-Counts as an Elective for all diplomas

LIFE SKILLS ENGLISH (9009)

Levels Available: 9, 10, 11, 12

-Course is offered for students on certificate track only

LIFE SKILLS INDEPENDENT LIVING (9010)

Levels Available: 9, 10, 11, 12

-Course is offered for students on certificate track only

LIFE SKILLS MATH (9008)

Levels Available: 9, 10, 11, 12

-Course is offered for students on certificate track only

LIFE SKILLS SCIENCE (9011)

Levels Available: 9, 10, 11, 12

-Course is offered for students on certificate track only

LIFE SKILLS SOCIAL STUDIES (9013)

Levels Available: 9, 10, 11, 12

-Course is offered for students on certificate track only

SUPPLEMENTAL HELP (9000)

Levels Available: 9, 10, 11, 12

Supplemental Help is a resource period designed to give students additional instruction, homework help, or other resource time. This course is utilized by students with an IEP, 504, or MTSS plan.

-Course is not offered for credit

LEARNING LAB (9800)

Levels Available: 9, 10, 11, 12

Learning Lab allows students to complete online coursework during the school day. Courses are completed through online platforms. Teachers available for support during this period.

-Credits are earned upon student completion of online courses

Technology

COMPUTER SCIENCE I (4801)

Elective, 1 year course

Recommended Levels: 10, 11, 12

Computer Science 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.

INTRODUCTION TO TRANSPORTATION (4798)

Elective, 1 Semester

Recommended Levels: 9, 10, 11, 12

Fall

Introduction to Transportation 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.

- Recommended Grade Level: Grade 9-12
- Recommended Prerequisites: None
- Credits: 1 credit per semester, maximum of 2 credits
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors

and Core 40 with Technical Honors diplomas

INTRODUCTION TO COMMUNICATIONS (4790)

**Elective, 1 Semester
Spring**

Recommended Levels: 9, 10, 11, 12

Introduction to Communications 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 assess 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 student will use the design process to solve design projects in each communication area.

INTRODUCTION TO ENGINEERING DESIGN (4812) *DUAL CREDIT*

Elective, 1 Year

Recommended Levels: 9, 10, 11, 12 -Prerequisite - Algebra 1

Introduction to Engineering Design 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 hand sketches using 2D and 3D drawing techniques. Computer Aided Design (CAD). NOTE: Use of the PLTW Course number is limited to schools that have agreed to be part of the Project Lead the Way network and follow all training and data collection requirements.

PRINCIPLES OF ENGINEERING (4814) *DUAL CREDIT*

Elective, 1 Year

Recommended Levels: 9, 10, 11, 12

Principles of Engineering is a course that focuses on the process of applying engineering, technological, scientific and mathematical principles in the design, production, and operation of products, structures, and systems. This is a hands-on course designed to provide students interested in engineering careers to explore experiences related to specialized fields such as civil, mechanical, and materials engineering. Students will engage in research, development, planning, design, production, and project management to simulate a career in engineering. The topics of ethics and the impacts of engineering decisions are also addressed. Classroom activities are organized to allow students to work in teams and use modern technological processes, computers, CAD software, and production systems in developing and presenting solutions to engineering problems. NOTE: Use of the PLTW Course number is limited to schools that have agreed to be part of the Project Lead the Way network and follow all training and data collection requirements.

RADIO AND TELEVISION I (5986)

Elective, 2 semester

Levels Available: 11, 12

Radio and Television I focuses on communication, media and production. Emphasis is placed on career opportunities, production, programming, promotion, sales, performance, and equipment operation. Students will also study the history of communication systems as well as communication ethics and law. Students will develop oral and written communication skills, acquire software and equipment operating abilities, and integrate teamwork skills. Instructional strategies may include a hands-on school-based enterprise, real and/or simulated occupational experiences, job shadowing, field trips, and internships.

- Counts as a Directed Elective or Elective for all diplomas

Area 30 Career Center

What Is Area 30 Career Center?

Area 30 Career Center provides half-day career and technical education programs for juniors and seniors, at least 16 years of age, who are enrolled in Cloverdale, Eminence, Greencastle, North Putnam, and South Putnam High Schools. These two-year sequenced career and technical education programs are high school electives. Juniors in the five participating high schools may enroll in one of these programs for one or two years, and seniors may enroll for one year. Two-year program completers have the opportunity to earn the maximum number of high school and college credits available in their program, while developing higher-level skills and abilities. These career and technical education programs prepare students for careers by teaching core technical proficiencies, employability skills, and job-seeking skills, while integrating academic standards. All programs assist students in developing such vital employability skills as cooperation, teamwork, problem solving, critical thinking, flexibility and dependability.

Most first year students participating in Area 30 career and technical education programs attend a three-hour block of instructional and laboratory/shop time in the morning, and most second year students attend in the afternoon. An additional hour in the morning or afternoon is usually designated as travel time.

Mission Statement

Area 30 Career Center provides each student opportunities to participate in career focused technical education. The career center integrates academic standards with career focused program areas as a means for students to develop employability skills, knowledge and attitudes necessary in our global society. The program areas provide training and technical skills to meet the needs of business and industry and prepare students for post-secondary education.

Fees and Insurance

At Area 30 Career Center emphasizes real world learning through the use of computer software, networking systems, internship, clinical and laboratory sites. Students will be using industry appropriate supplies, tools, uniforms and equipment. In addition to textbooks and lab fee costs, students in some programs are required to purchase specified uniforms, supplies, tools, and equipment that are necessary for their chosen career and technical education program. Accident/health insurance coverage needs to be maintained by the parent/guardian on each student throughout enrollment in an Area 30 career and technical education program. Area 30 Career Center does not provide accident/health insurance coverage for students.

Earn High School and College Credits and Scholarships at Area 30 Career Center

Most of the Area 30 Career Center programs provide students an opportunity to earn college credits at the same time they are earning their high school credits. Also, Area 30 annually awards scholarships to eligible students who qualify for postsecondary education and/or training. Qualified students who enter the workforce in a position directly related to their Area 30 career and technical education program are also eligible for grants to purchase required tools of their trade. Perfect attendance, student council members, scholarship recipients, two-year program completer proficiency awards, as well as other Area 30 Career Center outstanding student accomplishments are recognized each year.

Participating High Schools Have Program Enrollment Allotments

Each of the five participating high schools is allotted a designated number of student enrollments per year. Each high school's allotment per program is filled on a first-come, first-served basis. Available openings in each career and technical education program will be filled based on the following priorities:

1. Seniors returning for their second year who earned a grade of "C" or better, demonstrated positive progress toward achievement of the program's core technical proficiencies, demonstrated average or above employability proficiencies, complied with Area 30 rules and regulations during their first year, and have earned the minimum number of credits in the courses required by their high school for graduation;
2. Juniors committing themselves to a two-year career and technical education program who have successfully met the required math and reading levels and have earned the minimum credits in the courses required by their high school for graduation;

Other juniors and seniors interested in career and technical education programs based on high school guidance counselor recommendation.

The following list identifies the 2019-2020 career and technical education programs that are available at Area 30 Career Center in Greencastle.

Area 30 Program Offerings 2019-2020

For Complete details please visit: <http://www.area30.k12.in.us/>

Computer Illustration and Graphics / Interactive Media

- Interactive Media (5232)
- Computer Illustration and Graphics (5572)

Automotive Collision Technology

- Automotive Collision Repair I (5514)
- Automotive Collision Repair II (5544)

Automotive Service Technology

- Automotive Service Technology I (5510)
- Automotive Service Technology II (5546)

Civil Engineering And Architecture & Engineering Design and Development

- Civil Engineering And Architecture (4820)
- Engineering Design and Development (5698)

Servers and Security/Desktop Support

- Servers and Security/Desktop Support(5230)

Construction Equipment Operator

- Construction Equipment Operator Year 1 (5497)
- Construction Equipment Operator Year 2 (5499)

Culinary Arts

- Culinary Arts Year 1 (5346)
- Culinary Arts Year 2 (5458)

Early Childhood Education

- Early Childhood Education Year 1 (5412)
- Early Childhood Education Year 2 (5406)

Emergency Medical Technician

- Emergency Medical Technician Year 1 (5210)

Health Careers

- Health Careers Year 1 (5282)

Human and Social Services

- Social Services (5336)

Interdisciplinary Cooperative Education (12th Grade Only)

- Interdisciplinary Cooperative Education (5902)

Law Enforcement

- Law Enforcement Year 1 (5822)

LOGIC- Programming Innovation

- LOGIC Year 1 (5236)

Nursing

- Nursing Year 1 (5284)

Teacher Education

- Teacher Education Year 1 (5408)
- Teacher Education Year 2 (5404)

Welding Technology

- Welding Technology Year 1 (5776)

WIRED (Welding, Innovation, Robotics, Engineering and Design)

- WIRED Year 1 (5608)

IVY Tech Professor On Loan Courses

ECON 101 Economics Fundamentals*
Elective, 1 Semester course

IVY Tech Verifiable College Credits

Prerequisites:

1. Complete and submit the enrollment application for IVY Tech Community College.

Course Description: Provides a survey of microeconomics, macroeconomics, international economics, comparative economic systems, historical development of economic thought, and their application to current economic problems. An introductory course intended primarily for students who need only one semester of economics..

Credits: 1 high school elective and 3 transferable college. Contact Hours: 3, **Open to students in grade 12.**

COMM 101 Fundamentals of Public Speaking*
Elective, 1 Semester course

IVY Tech Verifiable College Credits

Prerequisites:

1. Complete and submit the enrollment application for IVY Tech Community College.

Course Description: Introduces fundamental concepts and skills for effective public speaking, including audience analysis, outlining, research, delivery, critical listening and evaluation, presentational aids, and use of appropriate technology.

Credits: 1 high school elective and 3 transferable college. Contact Hours: 3, **Open to students in grade 12.**

ENGL 111 English Composition*

IVY Tech Verifiable College

Credits Elective, 1 Semester course

Prerequisites:

1. Complete and submit the enrollment application for IVY Tech Community College.

Course Description: English Composition is designed to develop students' abilities to think, organize, and express their ideas clearly and effectively in writing. This course incorporates reading, research, and critical thinking. Emphasis is placed on the various forms of expository writing such as process, description, narration, comparison, analysis, persuasion, and argumentation. A research paper is required. Numerous in-class writing activities are required in addition to extended essays written outside of class.

Credits: 1 high school elective and 3 transferable college. Contact Hours: 3, **Open to students in grade 12.**

POLS 101 Introduction to American Government and Politics*

IVY Tech Verifiable College

Credits Elective, 1 Semester course

Prerequisites:

1. Complete and submit the enrollment application for IVY Tech Community College.

Course Description: Studies federalism, theories of the origins and purposes of government and other aspects of the American government including interest groups, political parties, and the electoral process. Emphasis is placed on constitutional backgrounds and the organization and functions of the executive, legislative, and judicial segments of the national government, civil liberties and civil rights, public opinion, media, bureaucracies, and domestic and foreign policy

Credits: 1 high school elective and 3 transferable college. Contact Hours: 3, **Open to students in grade 12.**