

F. J. Reitz High School

2022-2023

Course Description Guide



F. J. Reitz High School
350 Dreier Blvd.
Evansville, IN 47712
812-435-8206

Table of Contents

Introduction	3
Graduation Pathways	3
Overview	4
High School Diploma	5
Learn & Demonstrate Employability Skills	6
Postsecondary-Ready Competencies	7
Diploma Designations	8
Core 40 Diploma	9
Core 40 with Academic Honors	10
Core 40 with Technical Honors	10
General Diploma	11
Course Titles & Descriptions	12
Business, Marketing, Information Technology Education & Entrepreneurship	12
Engineering & Technology Education	15
English/Language Arts	16
Family and Consumer Science	19
Fine Arts	21
Health and Physical Education	28
Mathematics	30
Science	33
Social Studies	35
Work Based Learning	38
World Languages	39
Weighted Grades	42
Reitz Special Programs and Course Offerings	43
Advanced Placement	43
College Credit	43
EVSC Innovative Programs	44
IHSAA Eligibility	46
NCAA Eligibility	46

Introduction

Included in this course description guide are explanations of courses being offered by Reitz High School during the 2022-2023 school year. Students are urged to read the descriptions of courses they are considering and to discuss their choices with parents, teachers, and counselors.

*Please note that course offerings are subject to change based on the number of course requests and teacher availability.

Graduation Pathways

Beginning with the class of 2023, the state of Indiana passed new graduation requirements known as Graduation Pathways. With the passage of the new requirements, students are now able to:

- Individualize their graduation requirements
- Align their requirements to their strengths and interests
- Align their requirements to their career goals and skills

Indiana High School Graduation Requirements

Beginning with the Class of 2023

These requirements seek to ensure that every student graduates from high school with:

1. A strong foundation of academic and technical skills
2. Demonstrable employability skills that lead directly to meaningful opportunities for postsecondary education, training, and gainful employment
3. A broad awareness of and engagement with individual career interests and associated career options

1

High School Diploma

Earn one of the diploma designations:

- Core 40
- Academic Honors
- Technical Honors
- General



2

Learn & Demonstrate Employability Skills

Complete *at least one* of the following experiences:

- Project-Based Learning Experience
- Service-Based Learning Experience
- Work-Based Learning Experience

3

Postsecondary-Ready Competencies

Must meet *at least one* of these competencies

- 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
- Federally-recognized Apprenticeship
- Career-Technical Education Concentrator: Must earn a C average in at least two non-duplicative advanced courses (courses beyond an introductory course) within a particular program or program of study
- AP/IB/Dual Credit/Cambridge International courses or CLEP Exams: Must earn a C average or higher in at least three courses
- Locally created pathway that meets the framework from and earns the approval of the State Board of Education.

Indiana High School Graduation Requirements

1

High School Diploma

Earn one of the diploma designations:

- Core 40
- Academic Honors
- Technical Honors
- General



INDIANA CORE40

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

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 course 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 - EVSC requires 3 credits
Health and Wellness	1 credit
Electives*	6 credits <small>(College and Career Pathway courses recommended)</small>

EVSC requires 3 Physical Education credits.

* Specifies the number of electives required by the state. High school schedules provide time for many more electives during the high school years. All students are strongly encouraged to complete a College and Career Pathway (selecting electives in a deliberate manner) to take full advantage of career and college exploration and preparation opportunities.

**Scores updated September, 2017

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 transcripted college credits in dual credit courses from the approved dual credit list.
 - C. Earn two of the following:
 1. A minimum of 3 verifiable transcripted 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 composite score of 1250 or higher on the SAT and a minimum of 560 on math and 590 on the evidence based reading and writing section.**
 - E. Earn an ACT composite score of 26 or higher and complete written section
 - F. Earn 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. Pathway designated industry-based certification or credential, or
 2. Pathway dual credits from the approved dual credit list resulting in 6 transcripted 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.

Indiana High School Graduation Requirements

2

Learn & Demonstrate Employability Skills

Complete *at least one* of the following experiences:

- Project-Based Learning Experience
- Service-Based Learning Experience
- Work-Based Learning Experience



Service-Based Learning

School Based	Non-School Based
<ul style="list-style-type: none"> • Students who are completing a service-based learning experience will be required to participate meaningfully for the period of one season. <ul style="list-style-type: none"> ◦ Attend all practices ◦ Meet expectations of coach or sponsor • Students are required to submit the following documentation: <ul style="list-style-type: none"> ◦ Coach/sponsor signature upon completion ◦ Student will complete the Reflection of Experience form to explain how he/she has demonstrated the Indiana Department of Workforce Development's Employability Skills Benchmarks (mindsets, self-management skills, learning strategies, social skills, workplace skills). 	<ul style="list-style-type: none"> • Student will volunteer a minimum of 50 hours of community service. • Students are required to submit the following documentation: <ul style="list-style-type: none"> ◦ Proposal form (completed/signed) and log of hours ◦ Student will complete the Reflection of Experience form to explain how he/she has demonstrated the Indiana Department of Workforce Development's Employability Skills Benchmarks (mindsets, self-management skills, learning strategies, social skills, workplace skills). ◦ Student is responsible for his/her own transportation.

Work-Based Learning

- Student will work a minimum 75 hours to complete the Work-Based Learning Graduation Requirement #2.
- Student will return a completed/signed Employment Verification form and at least one pay stub to a designated school official to be on-track for graduation.
- Student will complete the Reflection of Experience form to explain how he/she has demonstrated the Indiana Department of Workforce Development's Employability Skills Benchmarks (mindsets, self-management skills, learning strategies, social skills, workplace skills).
- Student is responsible for his/her own transportation.

Indiana High School Graduation Requirements

Postsecondary-Ready Competencies

Must meet *at least one* of these competencies

3

- Honors Diploma:
 - Fulfill all requirements of either the Academic or Technical Honors diploma
 - Requirements can be found on page 2 of this packet
- ACT: College-ready benchmarks
 - Benchmarks can be found at: <https://www.act.org/content/act/en/college-and-career-readiness/benchmarks.html>
- SAT: College-ready benchmarks
 - Benchmarks can be found at: <https://collegereadiness.collegeboard.org/about/scores/benchmarks>
- ASVAB: Earn at least a minimum AFQT score to qualify for placement into one of the branches of the US military
 - The score is currently set at 31
 - More information can be found at: http://official-asvab.com/eligibility_coun.htm
- State- and Industry-recognized Credential or Certification
 - The State Board of Education defines industry-recognized credentials as those credentials developed or supported by business and industry to verify student mastery of technical skills and competencies in an occupational area that aligns with Indiana's economic sectors. They are approved by the Indiana's Department of Workforce Development.
 - The 2019-20 List of Indiana's Promoted Industry Certifications can be found at: <https://www.in.gov/dwd/files/Indianas%20Promoted%20Industry%20Certifications%202020.pdf>
- Federally-recognized Apprenticeship
 - Per the Indiana General Assembly, any apprenticeship program must be registered under the federal National Apprenticeship Act (29 U.S.C. 50 et seq.) or another federal apprenticeship program administered by the United States Department of Labor.
 - Federally-recognized apprenticeships can be found at: <https://www.in.gov/sboe/files/IN%20Federal%20Apprenticeships.pdf>
- Career-Technical Education Concentrator:
 - Must earn a C average in at least two non-duplicative advanced courses (courses beyond an introductory course) within a particular program or program of study
 - Students will meet with counselors to discuss the CTE courses offered at Reitz and other innovative programs within the EVSC
- AP/IB/Dual Credit/Cambridge International courses or CLEP Exams:
 - Must earn a C average or higher in at least three courses. At least one AP/IB/Dual Credit/CI course or CLEP exam must be in a core content area and/or be part of a defined CTE curricular sequence. The Core Transfer Library defines "core content" for dual credit/AP/IB requirement. Students pursuing liberal arts tracks must have at least one course corresponding with the Core Transfer Library.
 - More information on the Core Transfer Library can be found at: <https://transferin.net/earned-credits/core-transfer-library/>.
 - AP and dual credit courses currently offered at Reitz:

AP Biology	AP Calculus AB	AP English Literature & Composition
AP Chemistry	AP Calculus BC	AP English Language & Composition
AP Physics	AP Statistics	AP U.S. History
AP World History	AP Psychology	AP Drawing
AP 2-D Art & Design	AP 3-D Art & Design	AP Music Theory
Advanced Speech & Communications CC	Spanish IV CC	German IV CC
PLTW Intro to Engineering Design CC	PLTW Principles of Engineering CC	Economics CC
U.S. Government CC	Digital Applications & Responsibility CC	Precalculus CC
Trigonometry Honors CC		

- Locally created pathway that meets the framework from and earns the approval of the State Board of Education.

Diploma Designations

The Indiana State Board of Education adopts course and credit requirements for earning a high school diploma. Under current requirements, students have the option of earning four diploma designations:

- General; (opt-out process required)
- Core 40;
- Core 40 with Academic Honors; or
- Core 40 with Technical Honors.

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 <i>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</i>
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 *EVSC requires 3 PE credits
Health and Wellness	1 credit
Electives**	6 credits (College and Career Pathway courses recommended)
40 Total State Credits Required <u>+ 1 additional PE credit</u> 41 credits	

* EVSC requires 3 physical education credits

** Specifies the number of electives required by the state. High school schedules provide time for many more electives during the high school years. All students are strongly encouraged to complete a College and Career Pathway (selecting electives in a deliberate manner) to take full advantage of career and college exploration and preparation opportunities.

Core 40 with Academic Honors

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
- Earn 4 credits in IB courses and take corresponding IB exams.

47 Minimum Credits
+1 Additional EVSC required PE credit
48 credits

Core 40 with Technical Honors

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.

47 Minimum Credits
+1 Additional EVSC required PE credit
48 credits

General

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

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

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

English/Language Arts	8 credits
	Credits must include literature, composition and speech
Mathematics	4 credits
	2 credits: Algebra I or Integrated Mathematics I 2 credits: Any math course General diploma students are required to earn 2 credits in a Math or a Quantitative Reasoning (QR) course during their junior or senior year. QR courses do not count as math credits.
Science	4 credits
	2 credits: Biology I 2 credits: Any science course At least one credit must be from a Physical Science or Earth and Space Science course
Social Studies	4 credits
	2 credits: U.S. History 1 credit: U.S. Government 1 credit: Any social studies course
Physical Education	2 credits *EVSC requires 3 PE credits
Health and Wellness	1 credit
College and Career Pathway Courses Selecting electives in a deliberate manner to take full advantage of college and career exploration and preparation opportunities	6 credits
Flex Credit	5 credits
	Flex Credits must come from one of the following: <ul style="list-style-type: none"> • Additional elective courses in a College and Career Pathway • Courses involving workplace learning such as Cooperative Education or Internship courses • High school/college dual credit courses • Additional courses in Language Arts, Social Studies, Mathematics, Science, World Languages or Fine Arts
Electives	6 credits
	Specifies the minimum number of electives required by the state. High school schedules provide time for many more elective credits during the high school years.
40 Total Credits Required	
+1 additional EVSC PE credit	
41 credits	
Schools may have additional local graduation requirements that apply to all students	

Reitz High School

Course Titles & Descriptions

CTE: Business, Marketing, IT, & Entrepreneurship

BUSINESS MATH 4512 (BUS MATH) *Business Math* is a business course designed to prepare students for roles as entrepreneurs, producers, and business leaders by developing abilities and skills that are part of any business environment. A solid understanding of math including algebra, basic geometry, statistics and probability provides the necessary foundation for students interested in careers in business and skilled trade areas. The content includes mathematical operations related to accounting, banking and finance, marketing, and management. Instructional strategies should include simulations, guest speakers, tours, Internet research, and business experiences.

- Recommended Grade Level: 12
- Recommended Prerequisite: Algebra I
- Credits: A 2 semester course, 1 credit per semester
- Fulfills a Mathematics requirement for the General Diploma only or counts as an Elective or Directed Elective for the Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas
- Qualifies as a quantitative reasoning course

COMPUTER ILLUSTRATION AND GRAPHICS 4516 (COMP ILL GRPH) *Computer Illustration and Graphics* introduces students to the computer's use in visual communication. The focus of the course is on basic computer terminology and use, mastering fundamental skills, and developing efficient working styles. These skills are then developed by creating work with imaging, drawing, interactive, and page layout software. The course 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, produce vector illustrations, graphics and logos, and artwork in addition to incorporation of photographic images. Communication skills will be emphasized through the study of effective methods used to design products that impart information and ideas. Advanced instruction might also include experiences in silk screening and air brush techniques as well as activities in designing product packaging and commercial displays or exhibits.

- Grade Level 10, 11, or 12
- Recommended Prerequisites: None
- Credits: A 2 semester course, 1 credit per semester
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

DIGITAL APPLICATIONS AND RESPONSIBILITY 4528 (DIG APPS RESP) *Digital Applications and Responsibility* prepares students to use technology in an effective and appropriate manner in school, in a job, or everyday life. Students develop skills related to word processing, spreadsheets, presentations, and communications software. Students learn what it means to be a good digital citizen and how to use technology, including social media, responsibly. Students expand their knowledge of how to use digital devices and software to build decision-making and problem-solving skills. Students should be provided with the opportunity to seek industry-recognized digital literacy certifications.

- Recommended Grade Level: Grade 10, 11, or 12
- Recommended Prerequisites: None
- Credits: A 2 semester course, 1 credit per semester
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas
- This course is aligned with postsecondary courses for Dual Credit

INTRODUCTION TO BUSINESS 4518 (INTO BUSS) 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.

- Recommended Grade Level: 9, 10
- Recommended Prerequisites: None
- Credits: 1 semester course, 1 credit course
- Counts as a Directed Elective or Elective for all diplomas

INTRODUCTION TO COMPUTER SCIENCE 4803 (INTO CS) Introduction to Computer Science allows students to explore the world of computer science. Students will gain a broad understanding of the areas composing computer science. Additionally, there is a focus on the areas of computer programming, gaming/mobile development, and artificial intelligence/robotics.

- Recommended Grade Level: 9, 10
- Recommended Prerequisites: None
- Credits: 1 semester course, 1 credit course
- Counts as a Directed Elective or Elective for all diplomas

INTRODUCTION TO ENTREPRENEURSHIP 5967 (INTO ENTR) 7 Introduction to Entrepreneurship provides an overview of what it means to be an entrepreneur. Student will learn about starting and operating a business, marketing products and services, and how to find resources to help in the development of a new venture. This course is ideal for students interested in starting their own art gallery, salon, restaurant, etc.

- Recommended Grade Level: 9, 10
- Recommended Prerequisites: None
- Credits: 1 semester, 1 credit course
- Counts as a Directed Elective or Elective for all diplomas

PERSONAL FINANCIAL RESPONSIBILITY 4540 (PRS FIN RSP) *Personal Financial Responsibility* addresses the identification and management of personal financial resources to meet the financial needs and wants of individuals and families, considering a broad range of economic, social, cultural, technological, environmental, and maintenance factors. This course helps students build skills in financial responsibility and decision making; analyze personal standards, needs, wants, and goals; identify sources of income, saving and investing; understand banking, budgeting, record-keeping and managing risk, insurance and credit card debt. A project based approach and applications through authentic settings such as work based observations and service learning experiences are appropriate. Direct, concrete applications of mathematics proficiencies in projects are encouraged.

- Recommended Grade Level: Grade 11, 12
- Recommended Prerequisites: None
- Credits: A 1 semester, 1 credit course
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

CTE Pathway Courses

PRINCIPLES OF BUSINESS MANAGEMENT 0430 (4562) *Principles of Business Management PRIN BUS Principles of Business Management* examines business ownership, organization principles and problems, management, control facilities, administration, financial management, and development practices of business enterprises. This course will also emphasize the identification and practice of the appropriate use of technology to communicate and solve business problems and aid in decision making. Attention will be given to developing business communication, problem-solving, and decision-making skills using spreadsheets, word processing, data management, and presentation software. •

- Recommended Grade(s): 9, 10, 11
- •Required Prerequisites: none
- •Recommended Prerequisites: Digital Applications and Responsibility •Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
- •Counts as a directed elective or elective for all diplomas

MARKETING FUNDAMENTALS (Concentrator A) 0440 (5914) Marketing Fundamentals PRN MRKT Marketing Fundamentals provides a basic introduction to the scope and importance of marketing in the global economy. Course topics include the seven functions of marketing: promotion, channel management, pricing, product/service management, market planning, marketing information management, and professional selling skills. Emphasis is marketing content but will involve use of oral and written communications, mathematical applications, problem-solving, and critical thinking skills through the development of an integrated marketing plan and other projects.

- Recommended Grade(s): 11,12
- Required Prerequisites: Principles of Business Management*
- Recommended Prerequisites: none •Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
- Counts as a directed elective or elective for all diplomas

STRATEGIC MARKETING (Concentrator B) 0442 (5918) Strategic Marketing STRT MRKT Strategic Marketing builds upon the foundations of marketing and applies the functions of marketing at an advanced level. Students will study the basic principles of consumer behavior and examine the application of theories from psychology, social psychology, and economics. The relationship between consumer behavior and marketing activities will be reviewed.

- Recommended Grade(s): 10, 11, 12
- Required Prerequisites: Principles of Business Management*; Marketing Fundamentals
- Recommended Prerequisites: none •Credits: 2 semester course, 2 semesters required, 1-2 credits per semester, 4 credits maximum
- Counts as a directed elective or elective for all diplomas

CTE: Engineering & Technology Education

INTRODUCTION TO CONSTRUCTION 4792 (INT CONST) *Introduction to Construction* is a course that will offer hands-on activities and real world experiences related to the skills essential in residential, commercial and civil building construction. During the course students will be introduced to the history and traditions of construction trades. The student will also learn and apply knowledge of the care and safe use of hand and power tools as related to each trade. In addition, students are introduced to blueprint reading, applied math, basic tools and equipment, and safety. Students will demonstrate building construction techniques, including concrete and masonry, framing, electrical, plumbing, dry walling, HVAC, and painting as developed locally in accordance with available space and technologies. Students learn how architectural ideas are converted into projects and how projects are managed during a construction project in this course. Students study construction technology topics such as preparing a site, doing earthwork, setting footings and foundations, building the superstructure, enclosing the structure, installing systems, finishing the structure, and completing the site. Students also investigate topics related to the purchasing and maintenance of structures, special purpose facilities, green construction and construction careers.

- Recommended Grade Level: 9, 10
- Recommended Prerequisites: None
- Credits: A 2 semester course, 1 credit per semester
- 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 TRANSPORTATION 4798 (INT TRANS) *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: 9, 10
- Recommended Prerequisites: None
- Credits: 2 semester course, 1 credit per semester
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

PLTW INTRODUCTION TO ENGINEERING DESIGN 4812 PLTW (IED) *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).

- Recommended Grade Level: 9
- Recommended Prerequisites: none
- Credits: A 2 semester course, 1 credit per semester
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas
- This course is aligned with post-secondary courses for dual credit

PLTW PRINCIPLES OF ENGINEERING 4814 PLTW (POE) *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.

- Recommended Grade Level: 10
- Required Prerequisite: Introduction to Engineering Design

- Credits: A 2 semester course, 1 credit per semester
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas
- This course is aligned with post-secondary courses for dual credit
- Qualifies as a quantitative reasoning course

English

ENGLISH 9/9H 1002 (ENG 9) *English 9*, an integrated English course based on *Indiana's Academic Standards for English/Language Arts in Grade 9*, 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 argumentative/persuasive compositions, research reports, business letters, and technical documents. Students deliver grade-appropriate oral presentations and access, analyze, and evaluate online information.

- Recommended Grade Level: 9
- Recommended Prerequisites: None
- Credits: A 2 semester course, 1 credit per semester
- Fulfills an English/Language Arts requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas High School

ENGLISH 10/10A/10H 1004 (ENG 10) *English 10*, an integrated English course based on *Indiana's Academic Standards for English/Language Arts in Grade 10*, 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 argumentative/persuasive compositions, research reports, business letters, and technical documents. Students deliver grade-appropriate oral presentations and access, analyze, and evaluate online information.

- Recommended Grade Level: 10
- Recommended Prerequisite: English 9
- Credits: A 2 semester course, 1 credit per semester
- Fulfills an English/Language Arts requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas.

ENGLISH 11/11A 1006 (ENG 11) *English 11*, an integrated English course based on the *Indiana's Academic Standards for English/Language Arts in Grade 11*, is a study of language, literature, composition, and oral communication with a focus on exploring characterization across universal themes in 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 narratives, responses to literature, academic essays (e.g. analytical, persuasive, expository, summary), 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.

- Recommended Grade Level: 11
- Recommended Prerequisites: English 9 and English 10
- Credits: A 2 semester course, 1 credit per semester
- English 11 fulfills an English/Language Arts requirement for General and Core 40 diplomas
- English 11A fulfills an English/Language Arts requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas.

ENGLISH 12/12A 1008 (ENG 12) *English 12*, an integrated English course based on *Indiana's Academic Standards for English/Language Arts for Grade 12*, 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 narratives, responses to literature, academic essays (e.g. analytical, persuasive, expository, summary), 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 •

- Recommended Grade Level: 12
- Recommended Prerequisites: English 9, English 10, and English 11
- Credits: A 2 semester course, 1 credit per semester
- Fulfills an English/Language Arts requirement for General and Core 40 diplomas
- English 12A fulfills an English/Language Arts requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

ENGLISH LANGUAGE AND COMPOSITION, ADVANCED PLACEMENT 1056 (LNG/COMP AP) *English Language and Composition, Advanced Placement*, is an advanced placement course based on content established by the College Board. An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing.

- Recommended Grade Level: 11
- Recommended Prerequisites: English 9H and English 10H
- Credits: A 2 semester course, 1 credit per semester
- Fulfills an English/Language Arts requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

ENGLISH LITERATURE AND COMPOSITION, ADVANCED PLACEMENT 1058 (LIT/COMP AP) *English Literature and Composition, Advanced Placement*, is an advanced placement course based on content established by the College Board. An AP English course in Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style, and themes as well as such smaller- scale elements as the use of figurative language, imagery, symbolism, and tone. The course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit.

- Recommended Grade Level: 12
- Recommended Prerequisites: English 9H and English 10H
- Credits: A 2 semester course, 1 credit per semester
- Fulfills an English/Language Arts requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

ENGLISH ELECTIVES

JOURNALISM 1080 (JRNALISM) *Journalism*, a course based on *Indiana's Academic Standards for English/Language Arts*, is a study of news elements, journalism history, First Amendment law, ethics, fact and opinion, copy editing, news, and features as they apply to print and digital media products. It includes a comparison study of journalistic writing to other types of English writing with practical application of news, features, editorials, reviews, columns and digital media writing forms. For the second credit: Students continue to develop journalistic writing skills in addition to studying graphic design, advertising, public relations, photojournalism and emerging media development and design. By the end of the semester, students write, shoot and design stories for print and digital media products.

- Recommended Grade Level: Grades 10, 11, or 12
- Recommended Prerequisites: 2 credits in English Language Arts
- Credits: A 1 semester, 1 credit course
- Counts as an Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

STUDENT MEDIA (YEARBOOK) 1086 (STDNT PUBS) *Student Media*, a course based on the *High School Journalism Standards* and the *Student Media Standards*, is the continuation of the study of *Journalism*. Students demonstrate their ability to do journalistic writing and design for high school media, including school newspapers, yearbooks, and a variety of other 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 media staffs so that they may prepare themselves for career paths in journalism, communications, writing, or related fields.

- Recommended Grade: 10, 11, 12
- Required Prerequisites: none
- Recommended Prerequisites: Journalism, Mass Media, or teacher recommendation
- Credits: 1 semester course, 1 credit per semester, 8 credits maximum. The nature of this course allows for successive semesters of instruction at advanced levels. may be offered over three or four years by subtitling the course Beginning, Intermediate, or
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills the Fine Arts requirement for the Core 40 with Academic Honors.

ADVANCED SPEECH AND COMMUNICATION 1078 (ADV SPEECH) *Advanced Speech and Communication*, a course based on *Indiana's Academic Standards for English/Language Arts* and emphasizing the *High School Speech and Communication Standards*, is the study and application of skills in listening, oral interpretation, media communications, research methods, and oral debate. Students deliver different types of oral and multi-media presentations, including speeches to inform, to motivate, to entertain, and to persuade through the use of impromptu, extemporaneous, memorized, or manuscript delivery. **ADVANCED SPEECH AND COMMUNICATION PROJECT:** Students complete a project, such as multi-media presentations that are reflective, reports or historical investigations, responses to literature, or persuasive arguments, which demonstrates knowledge, application, and speaking progress in the Advanced Speech and Communication course content.

- Recommended Grade Level: 11 or 12
- Recommended Prerequisites: Advanced or honors level English courses in grades 9 and 10
- Credits: A 1-semester, 1 credit course
- Fulfills an/English Language Arts requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas
- This course is aligned with post-secondary courses for dual credit

CREATIVE WRITING 1092*Creative Writing (CREAT WRIT)* *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.

- Recommended Grade: 11, 12
- Required Prerequisites: none
- Recommended Prerequisites: English 9, English 10, or teacher recommendation
- Credits: 1 semester course, 1 credit per semester

GENRES OF LITERATURE (Science Fiction and Mythology) : *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 a 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.

- Recommended Grade: 11, 12 • Required Prerequisites: none
- Recommended Prerequisites: English 9, English 10, or teacher recommendation
- Credits: 1 or 2 semester course, 1 credit per semester

CTE: Family & Consumer Science

PREPARING FOR COLLEGE AND CAREERS 5394 (PrepCC) Preparing for College and Careers addresses the knowledge, skills, and behaviors all students need to be prepared for success in college, career, and life. The focus of the course is the impact of today's choices on tomorrow's possibilities. Topics to be addressed include twenty-first century life and career skills; higher order thinking, communication, leadership, and management processes; exploration of personal aptitudes, interests, values, and goals; examining multiple life roles and responsibilities as individuals and family members; planning and building employability skills; transferring school skills to life and work; and managing personal resources. This course includes reviewing the 16 national career clusters and Indiana's College and Career Pathways, in-depth investigation of one or more pathways, reviewing graduation plans, developing career plans, and developing personal and career portfolios. A project based approach, including computer and technology applications, cooperative ventures between school and community, simulations, and real life experiences, is recommended.

- Recommended Grade: 9
- Required Prerequisites: none
- Recommended Prerequisites: none
- Credits: 1 or 2 semester course, 1 credit per semester, 2 credit maximum; Only 1 credit may count toward CTE Concentrator Status for Perkins IV Pathways

NUTRITION AND WELLNESS 5342 (NTRN WLNS) *Nutrition and Wellness* is an introductory course valuable for all students as a life foundation and academic enrichment; it is especially relevant for students interested in careers related to nutrition, food, and wellness. This is a nutrition class that introduces students to only the basics of food preparation so they can become self-sufficient in accessing healthy and nutritious foods. Major course topics include nutrition principles and applications; influences on nutrition and wellness; food preparation, safety, and sanitation; and science, technology, and careers in nutrition and wellness. 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 nutrition, food, and wellness. Food preparation experiences are a required component. Direct, concrete mathematics and language arts proficiencies will be applied. This course is the first 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 Grade Level: 9 & 10
- Recommended Prerequisites: None
- Credits: A 1 semester course, 1 credit course
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

CTE Pathway Courses

PRINCIPLES OF HUMAN SERVICES 0750 (7176) *Principles of Human Services PRIN HUM SERV* Principles of Human Services explores the history of human services, career opportunities, and the role of the human service worker. Focuses on target populations and community agencies designed to meet the needs of various populations. The course includes a required job shadowing project in a Human Services setting (a suggested four-hour minimum to meet Ivy Tech requirements). This course will also encourage cultural awareness and appreciation of diversity. Focuses on cultural variations in attitudes, values, language, gestures, and customs. Includes information about major racial and ethnic groups in the United States.

- Recommended Grade(s): 9, 10, 11
- Required Prerequisites: none • Recommended Prerequisites: none High School Course Titles and Descriptions 2022-2023 318
- Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
- Counts as a directed elective or elective for all diplomas

UNDERSTANDING DIVERSITY (Concentrator A) 0751 (7174) *Understanding Diversity DIS SERV* Understanding Diversity encourages cultural awareness and appreciation of diversity. Focuses on cultural variations in attitudes, values, language, gestures, and customs. Includes information about major racial and ethnic groups in the United States.

- Recommended Grade(s): 10, 11, 12
- Required Prerequisites: Principles of Human Services
- Recommended Prerequisites: none
- Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
- Counts as a directed elective or elective for all diplomas

RELATIONS AND EMOTIONS (Concentrator B) 0752 (7177) *Relationships and Emotions REL EMO* Relationship & Emotions examines the key elements of healthy relationships. Explores the main problems that damage relationships. Presents research findings on successful and unsuccessful relationships, and emotional connections. Explores the impact of one's emotional and relationship history on current and future romantic relationships. Presents practical, scientific-based skills for improving relationships. Additionally, this course offers practical and useful information for people who have experienced loss. Students have the opportunity to evaluate their own experiences and attitudes toward loss and grief.

- Recommended Grade(s): 10, 11, 12
- Required Prerequisites: Principles of Human Services
- Recommended Prerequisites: none
- Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
- Counts as a directed elective or elective for all diplomas

PRINCIPLES OF TEACHING 0710 (7161) *Principles of Teaching PRIN TEACH* This course provides a general introduction to the field of teaching. Students will explore educational careers, teaching preparation, and professional expectations as well as requirements for teacher certification. Current trends and issues in education will be examined. A minimum 20 hour classroom observation experience is required for successful completion of this course.

- Recommended Grade(s): 9, 10, 11
- Required Prerequisites: none
- Recommended Prerequisites: none
- Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
- Counts as a directed elective or elective for all diplomas

CHILD AND ADOLESCENT DEVELOPMENT (Concentrator A) 0711 (7157) *Child and Adolescent Development CHLD ADL DEV* Child and Adolescent Development examines the physical, social, emotional, cognitive, and moral development of the child from birth through adolescence with a focus on the middle years through adolescence. Basic theories of child development, biological and environmental foundations of development, and the study of children through observation and interviewing techniques are explored. The influence of parents, peers, the school environment, culture and the media are discussed. An observation experience up to 20 hours may be required for completion of this course. This course has been approved to be offered for dual credit. Students pursuing this course for dual credit are still required to meet the minimum prerequisites for the course and pass the course with a C or better in order for dual credit to be awarded.

- Recommended Grade(s): 10, 11, 12 High School Course Titles and Descriptions 2022-2023 299
- Required Prerequisites: Principles of Teaching
- Recommended Prerequisites: none
- Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
- Counts as a directed elective or elective for all diploma

TEACHING AND LEARNING (Concentrator B) 0712 (7162) *Teaching and Learning TEACH LRN* Teaching and Learning provides students the opportunity to apply many of the concepts that they have learned throughout the Education Professions pathway. In addition to a focus on best practices, this course will provide an introduction to the role that technology plays in the modern classroom. Through hands-on experience with educational software, utility packages, and commonly used microcomputer hardware, students will analyze ways to integrate technology as a tool for instruction, evaluation, and management.

- Recommended Grade(s): 10, 11, 12
- Required Prerequisites: Principles of Teaching; Child and Adolescent Development
- Recommended Prerequisites: none
- Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
- Counts as a directed elective or elective for all diplomas

Fine Arts

CO-CURRICULAR ACTIVITIES BOARD POLICY 7151 Co-curricular activities usually occur outside the regular school hours or during the E.C.A. period on school time. They are the direct outgrowth of and, in part, an objective of a particular curricular offering. Enrollment in (or satisfactory completion of) a designated curricular offering is a prerequisite for participation in co-curricular activities and the activity is essentially a class project or an extension of curricular expectations. When the quality of class projects is dependent upon individual attitudes, responsibilities and classroom preparation, such factors are relevant to individual student evaluation.

- A. Co-curricular activities shall be scheduled well in advance of the rehearsal or performance. Students shall be provided a copy of the schedule of known activities at the beginning of the year or semester. Any additional activities will be shared with the students at the earliest possible date.
- B. Since rehearsals and performances are an extension of and vital to the regular school program, participation in all scheduled rehearsals and performances is required.

Valid excused for absence are:

- 1. An illness that would confine the student to his home.
- 2. A death in the family.
- 3. An Evansville school sponsored activity which required the students to participate in an event scheduled previously to the announcement of the rehearsals and performances.
- 4. A religious holiday.

Valid excuses (1) illness, and (2) death in the family, will require a verifying written notice signed by member and parent/guardian to be submitted upon return of the student.

All other reasons will be submitted, in writing, at least seven days prior to the absence. The reasons for absence will include date of absence, reason for absence, student signature, and parent/guardian signature, and will be submitted to the teacher. See Form 7151E,

Absences for any reason other than those listed above will be reviewed by a designated student committee established during the first week of each semester. Students may appeal a decision to the teacher and ultimately to the principal.

MUSIC

ADVANCED CHORUS (L) 4188 (ADV CHOR) *Advanced Chorus* is based on the Indiana Academic Standards for High School Choral Music. Students taking Advanced Chorus develop musicianship and specific performance skills through ensemble and solo singing. This class includes the study of quality repertoire in the diverse styles of choral literature appropriate in difficulty and range for the students. Chorus classes provide opportunities for performing, creating, and responding to music. Students develop the ability to understand and convey the composer's intent in performance of music. Time outside of the school day may be scheduled for rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and musical goals. Students are required to participate in performance opportunities outside of the school day that support and extend learning in the classroom.

- Recommended Grade Level: 10, 11, or 12
- Recommended Prerequisites: Beginning and Intermediate Chorus
- Credits: a 1-semester course for 1 credit. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Fulfills requirement for 1 of 2 Fine Arts credits for Core 40 with Academic Honors diploma
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

ADVANCED CONCERT BAND (L) 4170 (ADV BAND) *Advanced Concert Band* is based on the Indiana Academic Standards for High School Instrumental Music. This course provides students with a balanced comprehensive study of music through the concert band, which develops skills in the psychomotor, cognitive, and affective domains. Ensemble and solo activities are designed to develop elements of musicianship including tone production, technical skills, intonation, music reading skills, listening skills, analyzing music, studying historically significant styles of literature, and integration of other applicable disciplines. Experiences include improvising, conducting, playing by ear, and sight-reading. Students develop the ability to understand and convey the composer's intent in performance of music. Time outside of the school day may be scheduled for rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and musical goals. Students are required to participate in performance opportunities outside of the school day that support and extend learning in the classroom.

- Recommended Grade Level: 9, 10, 11, or 12
- Recommended Prerequisites: None
- Credits: A 1 semester, 1 credit course. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Fulfills requirement for 1 of 2 Fine Arts credits for Core 40 with Academic Honors diploma
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

ADVANCED ORCHESTRA (L) 4174 (ADV ORCH) *Advanced Orchestra* is based on the Indiana Academic Standards for High School Instrumental Music. Students in this ensemble are provided with a balanced comprehensive study of music through the orchestra, string and/or full orchestra, which develops skills in the psychomotor, cognitive, and affective domains. Ensemble and solo activities are designed to develop and refine elements of musicianship including tone production, technical skills, intonation, music reading skills, listening skills, analyzing music, studying historically significant styles of orchestral literature, and integration of other applicable disciplines. Experiences include improvising, conducting, playing by ear, and sight-reading. Students develop the ability to understand and convey the composer's intent in performance of music. Time outside of the school day may be scheduled for rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and musical goals. Students are required to participate in performance opportunities outside of the school day that support and extend learning in the classroom.

- Recommended Grade Level: 9, 10, 11, or 12
- Recommended Prerequisites: None
- Credits: A 1 semester, 1 credit course. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Fulfills requirement for 1 of 2 Fine Arts credits for Core 40 with Academic Honors diploma
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

BEGINNING CHORUS (L) 4182 (BEG CHOR) *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.

- Recommended Grade Level: 9
- Recommended Prerequisites: None
- Credits: A 1 semester, 1 credit course. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Fulfills requirement for 1 of 2 Fine Arts credits for Core 40 with Academic Honors diploma
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

INSTRUMENTAL ENSEMBLE (L) 4162 (INSTR ENS) *Instrumental Ensemble* is based on the Indiana Academic Standards for High School Instrumental Music. Students taking this course are provided with a balanced comprehensive study of chamber ensemble and solo literature, which develops skills in the psychomotor, cognitive and affective domains. Students develop and refine elements of musicianship including tone production, technical skills, intonation, music reading

skills, listening skills, analyzing music, studying historically significant styles of literature as pertaining to chamber ensemble and solo literature, and integration of other applicable disciplines. Experiences include improvising, conducting, playing by ear, and sight-reading. Students develop the ability to understand and convey the composer's intent in performance of music. Time outside of the school day may be scheduled for rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and musical goals. Students are required to participate in performance opportunities outside of the school day that support and extend learning in the classroom.

- Recommended Grade Level: 9, 10, 11, or 12
- Credits: A 1 semester course for 1 credit. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Fulfills requirement for 1 of 2 Fine Arts credits for Core 40 with Academic Honors diploma
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

INTERMEDIATE CHORUS (L) 4186 (INT CHOR) *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.

Recommended Grade Level: 10, 11, or 12

- Recommended Prerequisites: Beginning Chorus
- Credits: A 1 semester, 1 credit course. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Fulfills requirement for 1 of 2 Fine Arts credits for Core 40 with Academic Honors diploma
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

JAZZ ENSEMBLE (L) 4164 (JAZZ ENS) *Jazz Ensemble* is based on the Indiana Academic Standards for High School Instrumental Music. Students taking this course develop musicianship and specific performance skills through group and individual settings for the study and performance of varied styles of instrumental jazz. Instruction includes the study of the history, formative, and stylistic elements of jazz. Students develop their creative skills through improvisation, composition, arranging, performing, listening, and analyzing. A limited amount of time outside of the school day may be scheduled for rehearsals and performances. In addition, a limited number of public performances may serve as a culmination of daily rehearsal and musical goals. Students must participate in performance opportunities outside of the school day that support and extend the learning in the classroom. Student participants must also be receiving instruction in another band or orchestra class offering at the discretion of the director.

- Recommended Grade Level: 9, 10, 11, or 12
- Students must be concurrently enrolled in Concert Band, Instrumental Ensemble, or Orchestra.
- Credits: A 1 semester, 1 credit course. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Fulfills requirement for 1 of 2 Fine Arts credits for the Core 40 with Academic Honors diploma if students are enrolled in another band or orchestra course.
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

MUSIC THEORY, ADVANCED PLACEMENT (L) 4210 (MUS TH AP) 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.

- Recommended Grade Level: 11 or 12

- Recommended Prerequisites: None
- Credits: 2 semester course, 1 credit per semester
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills Fine Arts requirement for Core 40 with Academic Honors diploma

THEATRE

TECHNICAL THEATRE (L) 4244 (TECH THTR) Technical Theatre is based on the Indiana Academic Standards for Theatre. Students enrolled in Technical Theatre actively engage in the process of designing, building, managing, and implementing the technical aspects of a production. These activities should incorporate elements of theatre history, culture, analysis, response, creative process, and integrated studies. Additionally, students explore career opportunities in the theatre, attend and critique theatrical productions, and recognize the responsibilities and the importance of individual theatre patrons in their community.

- Recommended Grade Level: 9, 10, 11, 12
- Recommended Prerequisites: none
- Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma
- Laboratory Course

THEATRE ARTS (L) 4242 (THTR ARTS) *Theatre Arts* is based on the Indiana Academic Standards for Theatre. Students enrolled in Theatre Arts read and analyze plays, create scripts and theatre pieces, conceive scenic designs, and develop acting skills. These activities incorporate elements of theatre history, culture, analysis, response, creative process, and integrated studies. Additionally, students explore career opportunities in the theatre, attend and critique theatrical productions, and recognize the responsibilities and the importance of individual theatre patrons in their community.

- Recommended Grade Level: 9, 10, 11, or 12
- Credits: A 1-semester, 1 credit course. The nature of this course allows for two successive semesters (Theatre Arts I and Theatre Arts II) of instruction at this level, provided that defined standards are utilized.
- Fulfills requirement for 1 of 2 Fine Arts credits for Core 40 with Academic Honors diploma
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

ADVANCED THEATRE ARTS (L) 4240 (ADV THTR) *Advanced Theatre Arts* is based on the Indiana Academic Standards for Theatre. Students enrolled in Advanced Theatre Arts read and analyze plays and apply criteria to make informed judgments. They draw on events and experiences to create scripted monologues and scenes, create scenic designs for existing plays, and build characters through observation, improvisation and script analysis. These activities should incorporate elements of theatre history, culture, analysis, response, creative process, and integrated studies. Additionally, students explore careers in theatre arts and begin to develop a portfolio of their work. They also attend and critique theatre productions and identify ways to support the theatre in their community.

- Recommended Grade Level: 10, 11, or 12
- Recommended Prerequisites: Theatre Arts I and II
- Credits: A 1 semester, 1 credit course. The nature of this course allows for two successive semesters (Advanced Theatre Arts I and Advanced Theatre Arts II) of instruction at this level, provided that defined standards are utilized.
- Fulfills requirement for 1 of 2 Fine Arts credits for Core 40 with Academic Honors diploma
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

VISUAL

INTRODUCTION TO THREE-DIMENSIONAL ART (L) 4002 (3D ART) *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.

- Recommended Grade Level: 9, 10, 11, or 12
- Recommended Prerequisites: Introduction to Two-Dimensional Art
- Credits: A 1 semester, 1 credit course
- Fulfills requirement for 1 of 2 Fine Arts credits for Core 40 with Academic Honors diploma
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

INTRODUCTION TO TWO-DIMENSIONAL ART (L) 4000 (2D ART) *Introduction to Two-Dimensional Art* is a course based on the Indiana Academic Standards for Visual Art. Students taking this course engage in sequential learning experiences that encompass art history, art criticism, aesthetics, production, and integrated studies and lead to the creation of portfolio quality works. Students explore historical and cultural background and connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; create two-dimensional works of art, reflect upon the outcomes, and revise their work; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. They identify ways to utilize and support art museums, galleries, studios, and community resources.

- Recommended Grade Level: 9, 10, 11, or 12
- Credits: A 1 semester, 1 credit course
- Fulfills requirement for 1 of 2 Fine Arts credits for Core 40 with Academic Honors diploma
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

ADVANCED THREE-DIMENSIONAL ART (L) 4006 (ADV 3D ART) *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.

- Recommended Grade Level: 10, 11, or 12
- Required Prerequisites: Introduction to Three- Dimensional Art (L)
- Credits: a 1-semester, 1 credit course
- Fulfills requirement for 1 of 2 Fine Arts credits for Core 40 with Academic Honors diploma
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

ADVANCED TWO-DIMENSIONAL ART (L) 4004 (ADV 2D ART) *Advanced Two-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 Two-Dimensional Art that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. Students explore historical and cultural background and connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; create two-dimensional works of art, reflect upon the outcomes, and revise their work; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. They identify ways to utilize and support art museums, galleries, studios, and community resources.

- Recommended Grade Level: 10, 11, or 12
- Required Prerequisites: Introduction to Two-Dimensional Art (L)

- Fulfills requirement for 1 of 2 Fine Arts credits for Core 40 with Academic Honors diploma
- Credits: a 1 semester, 1 credit course.
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

CERAMICS (L) 4040 (CERAMICS) *Ceramics* is a course based on the Indiana Academic Standards for Visual Art. Students in ceramics engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. Students create works of art in clay utilizing the processes of hand building, molds, wheel throwing, slip and glaze techniques, and the firing processes. They reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art--related careers.

- Recommended Grade Level: 10, 11, or 12
- Required Prerequisites: Introduction to Three-Dimensional Art (L)
- Credits: A 1 semester, 1 credit course
- Fulfills requirement for 1 of 2 Fine Arts credits for Core 40 with Academic Honors diploma
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

DRAWING (L) 4060 (DRAWING) *Drawing* is a course based on the Indiana Academic Standards for Visual Art. Students in drawing engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. Students create drawings utilizing processes such as sketching, rendering, contour, gesture, and perspective drawing and use a variety of media such as pencil, chalk, pastels, charcoal, and pen and ink. They reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art-related careers.

- Recommended Grade Level: 9, 10, 11, or 12
- Required Prerequisites: Introduction to Two-Dimensional Art
- Credits: a 1-semester course for 1 credit
- Fulfills requirement for 1 of 2 Fine Arts credits for Core 40 with Academic Honors diploma.
- Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

STUDIO ART: 2-D DESIGN, ADVANCED PLACEMENT 4050 (ART 2D AP) AP Studio Art 2D Design is a course established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. The AP Program offers three studio art courses and portfolios: Two-Dimensional Design, Three-Dimensional Design, and Drawing. The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. Students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios — 2-D Design, 3- D Design and Drawing — corresponding to the most common college foundation courses. Students may choose to submit any or all of the Drawing, Two-Dimensional Design, or Three-Dimensional design portfolios. AP Studio Art students create a portfolio of work to demonstrate the artistic skills and ideas they have developed, refined, and applied over the course of the year to produce visual compositions.

- Recommended Grade Level: 11 or 12
- Required Prerequisites: Advanced laboratory 2-D visual arts courses (Painting or Drawing & Advanced 2-D Art)
- Credits: 2 semester course, 1 credit per semester
- Counts as a Directed Elective or Elective for all diplomas • Fulfills the Fine Arts requirement for the Core 40 with Academic Honors diploma

STUDIO ART: 3-D DESIGN, ADVANCED PLACEMENT 4052 (ART 3D AP) AP Studio Art 3D Design is a course established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. The AP Program offers three studio art courses and portfolios: Two-Dimensional Design, Three-Dimensional Design, and Drawing. The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. Students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios — 2-D Design, 3- D Design and Drawing — corresponding to the most common college foundation courses. Students may choose to submit any or all of the Drawing, Two-Dimensional Design, or Three-Dimensional design

portfolios. AP Studio Art students create a portfolio of work to demonstrate the artistic skills and ideas they have developed, refined, and applied over the course of the year to produce visual compositions.

- Recommended Grade Level: 11 or 12
- Required Prerequisites: Advanced laboratory 3-D visual arts courses (Ceramics or Sculpture & Advanced 3-D Art)
- Credits: 2 semester course, 1 credit per semester
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills the Fine Arts requirement for the Core 40 with Academic Honors diploma

Health & Physical Education

HEALTH & WELLNESS EDUCATION 3506 (HLTH&WELL) *Health & Wellness*, a course based on *Indiana's Academic Standards for Health & Wellness*, provides the basis to help students adopt and maintain healthy behaviors. Health education should contribute directly to a student's ability to successfully practice behaviors that protect and promote health and avoid or reduce health risks. Through a variety of instructional strategies, students practice the development of functional health information (essential concepts); determine personal values that support health behaviors; develop group norms that value a healthy lifestyle; develop the essential skills necessary to adopt, practice, and maintain health-enhancing behaviors. This course includes the application of priority areas in a planned, sequential, comprehensive health education curriculum. Priority areas include: promoting personal health and wellness, physical activity, healthy eating, promoting safety and preventing unintentional injury and violence, promoting mental and emotional health, a tobacco-free lifestyle and an alcohol- and other drug-free lifestyle and promoting human development and family health. This course provides students with the knowledge and skills of health and wellness core concepts, analyzing influences, accessing information, interpersonal communication, decision-making and goal-setting skills, health-enhancing behaviors, and health and wellness advocacy skills.

- Recommended Grade Level: 9 & 10
- Recommended Prerequisites: None
- Credits: A 1 semester, 1 credit course
- Fulfills the Health & Wellness requirement for the General, Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors diplomas

ELECTIVE PHYSICAL EDUCATION (L) 3560 (ELECT PE) *Elective Physical Education*, a course based on selected standards from *Indiana's Academic Standards for Physical Education*, identifies what a student should know and be able to do as a result of a quality physical education program. The goal of a physically educated student is to maintain appropriate levels of cardio-respiratory endurance, muscular strength and endurance, flexibility, and body composition necessary for a healthy and productive life. Elective Physical Education promotes lifetime sport and recreational activities and provides an opportunity for an in-depth study in one or more specific areas. A minimum of two of the following activities should be included: team sports; dual sports activities; individual physical activities; outdoor pursuits; self-defense and martial arts; aquatics; gymnastics; and dance. 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.

- Recommended Grade Level: 10, 11, and 12
- Recommended Prerequisites: Physical Education I and II
- Credits: 1 credit per semester, maximum of 6 credits
- Counts as an Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas
- Classes are co-educational unless the activity involves bodily contact or groupings based on an objective standard of individual performance developed and applied without regard to gender.
- Adapted physical education must be offered, as needed, in the least restricted environment and must be based upon an individual assessment.
- As a designated laboratory course, 25% of course time must be spent in activity.

PHYSICAL EDUCATION I (L) 3542 (PHYS ED) *Physical Education I* focuses on instructional strategies through a planned, sequential, and comprehensive physical education curriculum which provide students with opportunities to actively participate in at least four of the following: team sports; dual sport activities; individual physical activities; outdoor pursuits; self-defense and martial arts; aquatics; gymnastics; and dance, all which are within the framework of lifetime physical activities and fitness. Ongoing assessment includes both written and performance-based skill evaluation. Individual assessments may be modified for individuals with disabilities, in addition to those with IEP's and 504 plans (e.g., chronic illnesses, temporary injuries, obesity, etc.). See 511 IAC 7-27-9, 7-27-11.

- Recommended Grade Level: 9
- Recommended Prerequisites: Grade 8 Physical Education
- Credits: 1 credit per semester, maximum of 1 credit
- Fulfills part of the Physical Education requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

PHYSICAL EDUCATION II (L) 3544 (PHYS ED II) *Physical Education II* focuses on instructional strategies through a planned, sequential, and comprehensive physical education curriculum which provide students with opportunities to actively participate in four of the following that were not in Physical Education I: team sports; dual sport activities; individual physical activities; outdoor pursuits; self-defense and martial arts; aquatics; gymnastics; and dance, all which are within the framework of lifetime physical activities and fitness. Ongoing assessment includes both written and performance-based skill evaluation. Individual assessments may be modified for individuals with disabilities, in addition to those with IEP's and 504 plans (e.g., chronic illnesses, temporary injuries, obesity, etc.). See 511 IAC 7-27-9, 7-27-11.

- Recommended Grade Level: 10
- Recommended Prerequisites: Physical Education I
- Credits: 1 credit per semester, maximum of 1 credit
- Fulfills part of the Physical Education requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

Mathematics

ALGEBRA I/IA/IH 2520 (ALG I) *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. The critical areas deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Process Standards for Mathematics apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

- Credits: A 2-semester course, one credit per semester
- Fulfills the Algebra I requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas
- Students pursuing Core 40, Core 40 with Academic Honors, or Core 40 with Technical Honors diploma should receive credit for Algebra I by the end of Grade 9

ALGEBRA II/IIH 2522 (ALG II) *Algebra II* builds on work with linear, quadratic, and exponential functions and allows for students to extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. Algebra II is made up of 5 strands: Complex Numbers and Expressions; Functions; Systems of Equations; Quadratic Equations and Functions; Exponential & Logarithmic Equations and Functions; Polynomial, Rational, and Other Equations and Functions; and Data Analysis, Statistics, and Probability. The Process Standards for Mathematics apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

- Recommended Prerequisite: Algebra I
- Credits: A 2-semester course, 1 credit per semester
- Fulfills the Algebra II requirement for the Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas and counts as a Mathematics Course for the General Diploma

CALCULUS AB, ADVANCED PLACEMENT 2562 (CALC AB AP) *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.

- Recommended Grade Level: 11 or 12
- Required Prerequisite: Pre-Calculus
- Credits: A 2 semester course, 1 credit per semester
- Counts as a Mathematics Course for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

CALCULUS BC, ADVANCED PLACEMENT 2572 (CALC BC AP) AP Calculus BC 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 Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AP Calculus AB to different types of equations and introduces the topic of sequences and series. This course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. The content of AP Calculus BC is designed to qualify the student for placement and credit in a course that is one course beyond that granted for AP Calculus AB.

- Recommended Grade Level: 11, 12

- Required Prerequisites: Pre-Calculus
- Recommended Prerequisites: AP Calculus AB
- Credits: 2 semester course, 1 credit per semester
- Counts as a Mathematics Course for all diplomas and qualifies as a quantitative reasoning course

GEOMETRY/H 2532 (GEOM) *Geometry* formalizes and extends students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Five critical areas comprise the *Geometry* course: Logic and Proofs; Points, Lines, Angles, and Planes; Triangles; Quadrilaterals and Other Polygons; Circles; Transformations; and Three dimensional Solids. The Process Standards for Mathematics apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

- Recommended Prerequisite: Algebra I
- Credits: A 2 semester course, 1 credit per semester
- Fulfills the Geometry/Integrated Mathematics II requirement for the Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas and counts as a Mathematics Course for the General Diploma

PRE-CALCULUS 2564 (PRECAL) *Pre-Calculus* extends the foundations of algebra and functions developed in previous courses to new functions, including exponential and logarithmic functions, and to higher-level sequences and series. The course provides students with the skills and understandings that are necessary for advanced manipulation of angles and measurement. Pre-Calculus is made up of five strands: Polar Coordinates and Complex Numbers; Functions; Quadratic, Polynomial, and Rational Equations and Functions; Exponential and Logarithmic Equations and Functions; and Parametric Equations. Students will also advance their understanding of *imaginary* numbers through an investigation of complex numbers and polar coordinates. The course is designed for students who expect math to be a major component of their future college and career experiences, and as such it is designed to provide students with strong foundations for calculus and other higher-level math courses. The Process Standards for Mathematics apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations

- Recommended Prerequisite: Algebra IIIH
- Required Prerequisite: Algebra II
- Credits: A 1-semester course, 1 credit
- Counts as a Mathematics Course for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas
- This course is aligned with postsecondary courses for Dual Credit

PRIME Math/ 2595 The PRIME Math course utilizes curriculum developed by the Southern Regional Education Board (SREB) that includes and reinforces the Algebra I, Geometry, Algebra II, and Statistics skills necessary for postsecondary success. This course emphasizes understanding of math concepts rather than just memorizing procedures. PRIME math emphasizes students' reasoning and sense making about procedures (e.g., why to use a certain formula or method to solve a problem). This equips them with higher-order thinking skills in order to apply math skills, functions, and concepts in different situations. The course is intended for students who currently have achieved the minimum math requirements at the secondary level, but need additional experiences to enhance their mathematical knowledge before pursuing credit-bearing courses at a postsecondary institution.

- Recommended Grade: 12
- Required Prerequisites: Algebra II or Analytical Algebra II or Integrated Mathematics III
- Recommended Prerequisites: none
- Credits: 2 semester course, 1 credit per semester
- Counts as a Mathematics course for all diplomas

PROBABILITY AND STATISTICS 2546 (PROB/STAT) *Probability and Statistics* includes the concepts and skills needed to apply statistical techniques in the decision-making process. Probability and Statistics are made up of three strands: Data Analysis, Experimental Design, and Probability. 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. The Process Standards for Mathematics apply throughout each

course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

- Required Prerequisite: Algebra II
- Recommended Grade Level: 12
- Credits: A 1 semester, one credit course
- Counts as a Mathematics Course for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

QUANTITATIVE REASONING 2550 (QUANT REAS) Quantitative Reasoning is a mathematics course focused on the study of numeracy, ratio and proportional reasoning, modeling, probabilistic reasoning to assess risk, and statistics. Students build knowledge of and confidence with basic mathematical/analytical concepts and operations required for problem solving, decision making, and economic productivity in real-world applications and prepare for an increasingly information-based society in which the ability to use and critically evaluate information, especially numerical information, is essential. Technology, such as computers and graphing calculators, should be used frequently. This higher-level mathematics course is designed to align with college-level quantitative reasoning courses for dual secondary/college credit. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

- Recommended Grade Level: 11, 12
- Required Prerequisites: Algebra II
- Credits: 2 semester course, 1 credit per semester.
- Counts as a Mathematics course for all diplomas

STATISTICS, ADVANCED PLACEMENT 2570 (AP STAT) *AP Statistics* 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 Statistics* course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the *AP Statistics* course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

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

TRIGONOMETRY/H 2566 (TRIG) *Trigonometry* provides students with the skills and understandings that are necessary for advanced manipulation of angles and measurement. Trigonometry provides the foundation for common *periodic* functions that are encountered many disciplines, including music, engineering, medicine, and finance (and nearly all other STEM disciplines). Trigonometry consists of seven strands: Conics, Unit Circle, Geometry, Periodic Functions, Identities, Polar Coordinates, and Vectors. Students will also advance their understanding of *imaginary* numbers through an investigation of complex numbers and polar coordinates. A strong understanding of complex and imaginary numbers is a necessity for fields such as engineering and computer programming. The Process Standards for Mathematics apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations

- Required Prerequisite: Algebra II
- Credits: A 1 semester, 1 credit course
- Student should not receive credit for both Trigonometry and Pre-Calculus/Trigonometry since they cover the same content
- Counts as a Mathematics Course for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas
- Trigonometry H is aligned with postsecondary courses for Dual Credit

Science

ANATOMY AND PHYSIOLOGY 5276 *Anatomy and Physiology (A & P)* 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 High School Course Titles and Descriptions 2022-2023 162 understand the structure, organization and function of the various components of the healthy body in order to apply this knowledge in all health related fields. •Recommended Grade: 11, 12 •Required Prerequisites: none •Recommended Prerequisites: Biology •Credits: 1 to 2 semester course, 1 credit per semester, 2 credits maximum •Counts as a directed elective or elective for all diplomas •Fulfills a science course requirement for all diplomas

BIOLOGY, ADVANCED PLACEMENT (L) 3020 (BIO AP) AP Biology is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. The major themes of the course include: The process of evolution drives the diversity and unity of life, Biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis, Living systems store, retrieve, transmit and respond to information essential to life processes, Biological systems interact, and these systems and their interactions possess complex properties.

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

BIOLOGY I/IIH (L) 3024 (BIO I) *Biology I* is a course based on the following core topics: cellular chemistry, structure and reproduction; matter cycles and energy transfer; interdependence of organisms; molecular basis of heredity; genetics and evolution. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation by designing and conducting investigations guided by theory and by evaluating and communicating the results of those investigations according to accepted procedures

- Recommended Grade Level: 9
- Credits: A 2 semester course, 1 credit per semester
- Fulfills the life science requirement for the General diploma, Fulfills Biology credit for Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

CHEMISTRY, ADVANCED PLACEMENT (L) 3060 (CHEM AP) AP Chemistry is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. The content includes: (1) structure of matter: atomic theory and structure, chemical bonding, molecular models, nuclear chemistry; (2) states of matter: gases, liquids and solids, solutions; and (3) reactions: reaction types, stoichiometry, equilibrium, kinetics and thermodynamics.

- Recommended Grade Level: 11 or 12
- Required Prerequisite: Chemistry I
- Recommended Prerequisite: Algebra II, Pre-Calculus/Trigonometry
- Credits: 2 semester course, 1 credit per semester
- Counts as a Science Course for all diplomas
- Qualifies as a quantitative reasoning course

CHEMISTRY I/IIH (L) 3064 (CHEM I) *Chemistry I* is a course based on the following core topics: properties and states of matter; atomic structure; bonding; chemical reactions; solution chemistry; behavior of gases, and organic chemistry. Students enrolled in Chemistry I compare, contrast, and synthesize useful models of the structure and properties of matter and the mechanisms of its interactions. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation by designing and conducting investigations guided by theory and by evaluating and communicating the results of those investigations according to accepted procedures.

- Recommended Grade Level: 10, 11, or 12

- Credits: A 2 semester, 2 credit course
- Fulfills the requirement for physical science for the General diploma. Fulfills Chemistry credit for Core 40, Core 40 with Academic Honors, and Core 40 with Technical Honors diplomas
- Qualifies as a quantitative reasoning course

EARTH AND SPACE SCIENCE I (L) 3044 (EAS SCI I) *Earth and Space Science I* is a course focused on the following core topics: study of the earth's layers; atmosphere and hydrosphere; structure and scale of the universe; the solar system and earth processes. Students analyze and describe earth's interconnected systems and examine how earth's materials, landforms, and continents are modified across geological time. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation by designing and conducting investigations guided by theory and by evaluating and communicating the results of those investigations according to accepted procedures.

- Recommended Grade Level: 11 or 12
- Credits: A 2 semester course, 1 credit per semester
- Fulfills the earth and space science requirement for the General Diploma. Fulfills Core 40 science credit for Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

ENVIRONMENTAL SCIENCE (L) 3010 (ENVSCI) *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 ecosystems, population dynamics, resource management, and environmental consequences of natural and anthropogenic processes. Students formulate, design, and carry out laboratory and field investigations as an essential course component. Students completing Environmental Science, acquire the essential tools for understanding the complexities of national and global environmental systems.

- Recommended Grade Level: 11 or 12
- Recommended Prerequisite: Two credits in Core 40 and AHD science coursework
- Credits: A 2 semester course, 1 credit per semester
- Fulfills the life science requirement for the General diploma. Fulfills Core 40 science credit for Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

INTEGRATED CHEMISTRY-PHYSICS (L) 3108 (ICP) *Integrated Chemistry-Physics* is a course focused on the following core topics: motion and energy of macroscopic objects; chemical, electrical, mechanical and nuclear energy; properties of matter; transport of energy; magnetism; energy production and its relationship to the environment and economy. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation by designing and conducting investigations guided by theory and by evaluating and communicating the results of those investigations according to accepted procedures

- Recommended Grade Level: 10 or 11
- Recommended Prerequisite: Algebra I (may be taken concurrently with this course)
- Credits: A 2 semester course, 1 credit per semester
- Fulfills the physical science requirement for the General diploma.
- Fulfills the 2 credit requirement for Chemistry I, Physics I, or Integrated Chemistry and Physics towards the Core 40, Core 40 with Academic Honors, and Core 40 with Technical Honors diplomas

PHYSICS I (L) 3084 (PHYS I) *Physics I* is a course focused on the following core topics: motion and forces; energy and momentum; temperature and thermal energy transfer; electricity and magnetism; vibrations and waves; light and optics. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation by designing and conducting investigations guided by theory and by evaluating and communicating the results of those investigations according to accepted procedures.

- Recommended Grade Level: 11 or 12
- Recommended Prerequisite: Algebra II
- Credits: A 2 semester course, 1 credit per semester
- Fulfills the physical science requirement for the General diploma.
- Fulfills the 2 credit requirement for Chemistry I, Physics I, or Integrated Chemistry and Physics towards the Core 40, Core 40 with Academic Honors, and Core 40 with Technical Honors diplomas
- Qualifies as a quantitative reasoning course

PHYSICS 1: ALGEBRA-BASED, ADVANCED PLACEMENT (L) 3080 (PHYS 1 AP) *Physics 1: Algebra-based, Advanced Placement* is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits.

- Recommended Grade Level: 11 or 12
- Recommended Prerequisite: Pre-Calculus (may be taken concurrently)
- Credits: A 2 semester course, 1 credit per semester
- Counts as a Science Course for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas
- Qualifies as a Quantitative Reasoning course

Social Studies

ECONOMICS/H 1514 (ECON) *Economics* examines the allocation of resources and their uses for satisfying human needs and wants. The course analyzes economic reasoning and behaviors of consumers, producers, savers, investors, workers, voters, institutions, governments, and societies in making decisions. Students will explain that because resources are limited, people must make choices and understand the role that supply, demand, prices, and profits play in a market economy. Key elements of the course include the study of scarcity and economic reasoning, supply and demand, market structures, the role of government, national economic performance, the role of financial institutions, economic stabilization, and trade.

- Recommended Grade Level: 12
- Recommended Prerequisites: None
- Credits: 1 semester, 1 credit course
- Fulfills the Economics requirement for the Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors and International Baccalaureate diplomas, a Social Studies requirement for the General Diploma, or counts as an Elective for any diploma
- Qualifies as a quantitative reasoning course

PSYCHOLOGY 1532 (PSYCH) *Psychology* is the scientific study of mental processes and behavior. The course is divided into eight content areas. History & Scientific Method explores the history of psychology, the research methods used, and the ethical considerations that must be utilized. Biological Basis for Behavior focuses on the way the brain and nervous system function, including sensation, perception, motivation and emotion. Development looks at all the changes through one's life; physical, cognitive, as well as emotional, social and moral development. Cognition focuses on learning, memory, information processing, and language development. Personality and Assessment looks at the approaches used to explain one's personality and the assessment tools used. Abnormal Psychology explores psychological disorders and the various treatments used for them. Socio-Cultural Dimensions of Behavior covers topics such as conformity, obedience, perceptions, attitudes and influence of the group on the individual. Psychological Thinking explores how to think like a psychologist and expand critical thinking skills needed in the day-to-day life of a psychologist.

- Recommended Grade Level: 11 or 12
- Recommended Prerequisites: None
- Credits: A 1 semester, 1 credit course
- Counts as an Elective for the General and Core 40 diplomas

PSYCHOLOGY, ADVANCED PLACEMENT 1558 (PSYCH AP) *AP Psychology* 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 Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas. Topics include: History and Approaches; Research Methods; Biological Bases of Behavior;

Sensation and Perception; States of Consciousness; Learning; Cognition; Motivation and Emotion; Developmental Psychology; Personality; Testing and Individual Differences; Abnormal Behavior; Treatment of Abnormal Behavior; and Social Psychology.

- Recommended Grade Level: 11 or 12
- Recommended Prerequisites: none. Students should be able to read a college level textbook and write grammatically correct, complete sentences.
- Credits: A 2 semester course, 1 credit per semester
- Counts as an Elective for all diplomas

SOCIOLOGY 1534 (SOCIOLOGY) *Sociology* allows students to study human social behavior from a group perspective. The sociological perspective is a method of studying recurring patterns in people's attitudes and actions and how these patterns vary across time, cultures, and in social settings and groups. Students describe the development of sociology as a social science and identify methods of research. Through research methods such as scientific inquiry students examine society, group behavior, and social structures. The influence of culture on group behavior is addressed through institutions such as the family, religion, education, economics, community organizations, government, and political and social groups. The impact of social groups and institutions on group and individual behavior and the changing nature of society will be examined. Influences on group behavior and social problems are included in the course. Students also analyze the role of individuals in the community and social problems in today's world.

- Recommended Grade Level: Grades 11 or 12
- Recommended Prerequisites: None
- Credits: A 1 semester, 1 credit course
- Counts as an Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

UNITED STATES GOVERNMENT/H 1540 (US GOVT) *United States Government* provides a framework for understanding the purposes, principles, and practices of constitutional representative democracy in the United States. Responsible and effective participation of citizens is stressed. Students understand the nature of citizenship, politics, and governments and understand the rights and responsibilities of citizens and how these are part of local, state, and national government. Students examine how the United States Constitution protects rights and provides the structure and functions of various levels of government. How the United States interacts with other nations and the government's role in world affairs will be included. Using primary and secondary resources, students will articulate, evaluate, and defend positions on political issues. As a result, they will be able to explain the role of individuals and groups in government, politics, and civic activities and the need for civic and political engagement of citizens in the United States. •

- Recommended Grade Level: 12
- Recommended Prerequisites: None
- Credits: 1 semester, 1 credit course
- Fulfills the Government requirement for the General, Core 40, Core 40 with Academic Honors, and Core 40 with Technical Honors diplomas or counts as an Elective for any diploma

UNITED STATES HISTORY 1542 (US HIST) *United States History* is a two-semester course that builds upon concepts developed in previous studies of U.S. History and emphasizes national development from the late nineteenth century into the twenty-first century. After reviewing fundamental themes in the early development of the nation, students are expected to identify and review significant events, persons, and movements in the early development of the nation. The course then gives major emphasis to the interaction of key events, people, and political, economic, social, and cultural influences in national developments from the late nineteenth century through the present as they relate to life in Indiana and the United States. Students are expected to trace and analyze chronological periods and examine the significant themes and concepts in U.S. History. Students develop historical thinking and research skills and use primary and secondary sources to explore topical issues and to understand the cause for changes in the nation over time.

- Recommended Grade Level: 9
- Recommended Prerequisites: None
- Credits: 2 semester course, 1 credit each semester
- Fulfills the US History requirement of the General, Core 40, Core 40 with Academic Honors, and Core 40 with Technical Honors diplomas

AP UNITED STATES HISTORY 1562 (US HIST AP) *United States History, Advanced Placement* is a course based on the content established by the College Board. The course has a chronological frame from 1492 to the present and focuses on multiple causation and change in United States history over time. A variety of historical themes are examined in order to

place the history of the United States into larger analytical contexts. Students are expected to analyze and interpret primary sources and develop awareness of multiple interpretations of historical issues in secondary sources. Historical events and issues in U.S. history are to be examined from multiple perspectives.

- Recommended Grade Level: Grades 11 or 12
- Recommended Prerequisites: U. S. History
- Credits: A 2 semester course, 1 credit per semester
- Fulfills the US History requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas or counts as an Elective for any diploma

WORLD HISTORY AND CIVILIZATION 1548 (WLD HST/CVL) *World History and Civilization* emphasizes events and developments in the past that greatly affected large numbers of people across broad areas and that significantly influenced peoples and places in subsequent eras. Key events related to people and places as well as transcultural interaction and exchanges are examined in this course. Students are expected to compare and contrast events and developments involving diverse peoples and civilizations in different regions of the world. They will examine examples of continuity and change, universality and particularity, and unity and diversity among various peoples and cultures from the past to the present. Students are also expected to practice and process skills of historical thinking and research and apply content knowledge to the practice of thinking and inquiry skills and processes. There will be continuous and pervasive interactions of processes and content, skills and substance, in the teaching and learning of history.

- Recommended Grade Level: 10
- Recommended Prerequisites: U.S. History
- Credits: 2 semester course, 1 credit per semester
- Fulfills a Social Studies requirement for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas or counts as an Elective for any diploma

AP WORLD HISTORY MODERN 1612 (WLD HST MAP) AP World History Modern 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.

- Recommended Grade Level: 10, 11, 12
- Recommended Prerequisites: none. 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 a Social Studies requirement for all diplomas

CURRENT EVENTS 512 *Current Problems, Issues, and Events (CPIE)* Current Problems, Issues, and Events gives students the opportunity to apply investigative and inquiry techniques to the study of significant problems or issues. Students develop competence in (1) recognizing cause and effect relationships, (2) recognizing fallacies in reasoning and propaganda devices, (3) synthesizing knowledge into useful patterns, (4) stating and testing hypotheses, and (5) generalizing based on evidence. Problems or issues selected will have contemporary historical significance and will be studied from the viewpoint of the social science disciplines. Community service programs and internships within the community may be included.

- Recommended Grade: none
- Required Prerequisites: none
- Recommended Prerequisites: none
- Credits: 1 semester course, 1 credit per semester. Course may be repeated for credit if the content of the course changes.
- Counts as an elective for all diplomas
- Fulfills social studies requirement for General Diploma.

ETHNIC STUDIES 1516*Ethnic Studies (ETH STUDIES)* 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 High School Course Titles and Descriptions 2022-2023 174 ethnic or cultural groups. The course may also include analysis of the political impact of ethnic diversity in the United States.

- Recommended Grade: none
- Required Prerequisites: none
- Recommended Prerequisites: none
- Credits: 1 semester course, 1 credit
- Counts as an elective for all diplomas

INDIANA STUDIES 1518*Indiana Studies (IN STUDIES)* 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 students 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.

- Recommended Grade: none
- Required Prerequisites: none
- Recommended Prerequisites: none
- Credits: 1 semester course, 1 credit per semester
- Counts as an elective for all diplomas
- Fulfills course requirement for General Diploma

Work Based Learning

WORK BASED LEARNING 5974*Work Based Learning Capstone WBL* Work Based Learning Capstone is a stand-alone course that prepares students for college and career. Work-Based Learning means sustained interactions with industry or community professionals in real workplace settings, to the extent practicable, or simulated environments at an educational institution that foster in-depth, first hand engagement with the tasks required of a given career field, that are aligned to curriculum and instruction. Work Based Learning Capstone experiences occur in workplaces and involve an employer assigning a student meaningful job tasks to develop his or her skills, knowledge, and readiness for work. A clear partnership agreement and training plan is developed by the student, teacher, and workplace mentor/supervisor to guide the student's work-based experiences and assist in evaluating achievement and performance. Related Instruction shall be organized and planned around the activities associated with the student's individual job and career objectives in a pathway and shall be taught during the same semester the student is participating in the work-based experience. For a student to become employable, the related instruction should cover: (a) employability skills, and (b) specific occupational competencies.

- Recommended Grade(s): 12
- Required Prerequisites: Complete at least one advanced career and technical education course from a program or program of study. Worksite placement must align to the student pathway.
- Recommended Prerequisites: none •Credits: 1 semester course, 1-3 credits per semester, 6 credits maximum
- A minimum of 85 hours of workplace and classroom activities are required for one credit; 170 hours are required for the two credits. Of the 85 or 170 hours, 18 to 36 hours (at least •Counts as a directed elective or elective for all diplomas
- No longer counts toward concentrator status.

World Language

GERMAN I 2040 (GER I) *German I*, a course based on *Indiana's Academic Standards for World Languages*, introduces students to effective strategies for beginning German language learning, and to various aspects of German-speaking culture. This course encourages interpersonal communication through speaking and writing, providing opportunities to make and respond to basic requests and questions, understand and use appropriate greetings and forms of address, participate in brief guided conversations on familiar topics, and write short passages with guidance. This course also emphasizes the development of reading and listening comprehension skills, such as reading isolated words and phrases in a situational context and comprehending brief written or oral directions. Additionally, students will examine the practices, products and perspectives of German-speaking culture; recognize basic routine practices of the target culture; and recognize and use situation-appropriate non-verbal communication. This course further emphasizes making connections across content areas and the application of understanding German language and culture outside of the classroom.

- Recommended Grade Level: 9-12
- Recommended Prerequisites: None
- Credits: A 2-credit course
- Fulfills a World Language requirement for the Core 40 with Academic Honors diploma or counts as a Directed Elective or Elective for any diploma

GERMAN II 2042 (GER II) *German II*, a course based on *Indiana's Academic Standards for World Languages*, builds upon effective strategies for German language learning by encouraging the use of the language and cultural understanding for self-directed purposes. This course encourages interpersonal communication through speaking and writing, providing opportunities to make and respond to requests and questions in expanded contexts, participate independently in brief conversations on familiar topics, and write cohesive passages with greater independence and using appropriate formats. This course also emphasizes the development of reading and listening comprehension skills, such as using contextual clues to guess meaning and comprehending longer written or oral directions. Students will address the presentational mode by presenting prepared material on a variety of topics, as well as reading aloud to practice appropriate pronunciation and intonation. Additionally, students will describe the practices, products and perspectives of German-speaking culture; report on basic family and social practices of the target culture; and describe contributions from the target culture. This course further emphasizes making connections across content areas and the application of understanding German language and culture outside of the classroom.

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

GERMAN III 2044 (GER III) *German III*, a course based on *Indiana's Academic Standards for World Languages*, builds upon effective strategies for German language learning by facilitating the use of the language and cultural understanding for self-directed purposes. This course encourages interpersonal communication through speaking and writing, providing opportunities to initiate, sustain and close conversations; exchange detailed information in oral and written form; and write cohesive information with greater detail. This course also emphasizes the continued development of reading and listening comprehension skills, such as using cognates, synonyms and antonyms to derive meaning from written and oral information, as well as comprehending detailed written or oral directions. Students will address the presentational mode by presenting student-created material on a variety of topics, as well as reading aloud to practice appropriate pronunciation and intonation. Additionally, students will continue to develop understanding of German-speaking culture through recognition of the interrelations among the practices, products and perspectives of the target culture; discussion of significant events in the target culture; and investigation of elements that shape cultural identity in the target culture. This course further emphasizes making connections across content areas as well the application of understanding German language and culture outside of the classroom.

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

GERMAN IV 2046 (GER IV) *German IV*, a course based on *Indiana's Academic Standards for World Languages*, provides a context for integration of the continued development of language skills and cultural understanding with other content areas and the community beyond the classroom. The skill sets that apply to the exchange of written and oral information are expanded through emphasis on practicing speaking and listening strategies that facilitate communication, such as the use of circumlocution, guessing meaning in familiar and unfamiliar contexts, and using elements of word formation to expand vocabulary and derive meaning. Additionally, students will continue to develop understanding of German-speaking culture through explaining factors that influence the practices, products, and perspectives of the target culture; reflecting on cultural practices of the target culture; and comparing systems of the target culture and the student's own culture. This course further emphasizes making connections across content areas through the design of activities and materials that integrate the target language and culture with concepts and skills from other content areas. The use and influence of the German language and culture in the community beyond the classroom is explored through the identification and evaluation of resources intended for native German speakers.

- Recommended Grade Level: 11 or 12
- Required Prerequisites: German I, II and III
- Credits: A 2 semester course, 1 credit per semester
- Fulfills a World Language requirement for the Core 40 with Academic Honors diploma or counts as a Directed Elective or Elective for any diploma
- This course is aligned with postsecondary courses for Dual Credit

SPANISH I 2120 (SPAN I) *Spanish I*, a course based on *Indiana's Academic Standards for World Languages*, introduces students to effective strategies for beginning Spanish language learning, and to various aspects of Spanish-speaking culture. This course encourages interpersonal communication through speaking and writing, providing opportunities to make and respond to basic requests and questions, understand and use appropriate greetings and forms of address, participate in brief guided conversations on familiar topics, and write short passages with guidance. This course also emphasizes the development of reading and listening comprehension skills, such as reading isolated words and phrases in a situational context and comprehending brief written or oral directions. Additionally, students will examine the practices, products and perspectives of Spanish-speaking culture; recognize basic routine practices of the target culture; and recognize and use situation--appropriate non--verbal communication. This course further emphasizes making connections across content areas and the application of understanding Spanish language and culture outside of the classroom.

- Recommended Grade Level: 9, 10, 11, or 12
- Recommended Prerequisites: None
- Credits: A 2 semester course, 1 credit per semester
- Fulfills a World Language requirement for the Core 40 with Academic Honors diploma or counts as a Directed Elective or Elective for any diploma

SPANISH II 2122 (SPAN II) *Spanish II*, a course based on *Indiana's Academic Standards for World Languages*, builds upon effective strategies for Spanish language learning by encouraging the use of the language and cultural understanding for self-directed purposes. This course encourages interpersonal communication through speaking and writing, providing opportunities to make and respond to requests and questions in expanded contexts, participate independently in brief conversations on familiar topics, and write cohesive passages with greater independence and using appropriate formats. This course also emphasizes the development of reading and listening comprehension skills, such as using contextual clues to guess meaning and comprehending longer written or oral directions. Students will address the presentational mode by presenting prepared material on a variety of topics, as well as reading aloud to practice appropriate pronunciation and intonation. Additionally, students will describe the practices, products and perspectives of Spanish-speaking culture; report on basic family and social practices of the target culture; and describe contributions from the target culture. This course further emphasizes making connections across content areas and the application of understanding Spanish language and culture outside of the classroom.

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

SPANISH III 2124 (SPAN III) *Spanish III*, a course based on *Indiana's Academic Standards for World Languages*, builds upon effective strategies for Spanish language learning by facilitating the use of the language and cultural understanding for self-directed purposes. This course encourages interpersonal communication through speaking and writing, providing

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

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

SPANISH IV 2126 (SPAN IV) Spanish IV, a course based on *Indiana's Academic Standards for World Languages*, provides a context for integration of the continued development of language skills and cultural understanding with other content areas and the community beyond the classroom. The skill sets that apply to the exchange of written and oral information are expanded through emphasis on practicing speaking and listening strategies that facilitate communication, such as the use of circumlocution, guessing meaning in familiar and unfamiliar contexts, and using elements of word formation to expand vocabulary and derive meaning. Additionally, students will continue to develop understanding of Spanish-speaking culture through explaining factors that influence the practices, products, and perspectives of the target culture; reflecting on cultural practices of the target culture; and comparing systems of the target culture and the student's own culture. This course further emphasizes making connections across content areas through the design of activities and materials that integrate the target language and culture with concepts and skills from other content areas. The use and influence of the Spanish language and culture in the community beyond the classroom is explored through the identification and evaluation of resources intended for native Spanish speakers.

- Recommended Grade Level: 11 or 12
- Required Prerequisites: Spanish I, II and III
- Credits: A 2 semester course, 1 credit per semester
- Fulfills a World Language requirement for the Core 40 with Academic Honors diploma or counts as a Directed Elective or Elective for any diploma
- This course is aligned with postsecondary courses for Dual Credit

Weighted Grades

At the start of the 2018-19 school year, the EVSC adopted weighted grades for dual credit and Advanced Placement (AP) courses. Below are the GPA scales for dual credit and AP courses.

Regular & Honors Courses			Dual Credit Courses			AP Courses	
A	4.0		A	4.5		A	5.0
B	3.0		B	3.5		B	4.0
C	2.0		C	2.5		C	3.0
D	1.0		D	1.5		D	2.0
F	0		F	0		F	0

REITZ SPECIAL PROGRAMS & COURSE OFFERINGS

Advanced Placement

ADVANCED PLACEMENT courses are rigorous and students can expect a heavier workload in these courses. This may include the completion of an AP summer assignment. Students enrolled in an AP course are expected to take The College Board's AP course examination in May. Qualifying students may receive financial assistance toward the examination fee. Passing the AP exam earns students a minimum of three college credits or advanced placement in a specific area of study. AP courses are noted on the student's course request sheet by an "AP" next to the course title. A complete list of the AP courses offered at Reitz is listed below.

- AP English Language & Composition
- AP English Literature & Composition
- AP Calculus AB
- AP Calculus BC
- AP Statistics
- AP Biology
- AP Physics I
- AP Chemistry
- AP United States History
- AP World History
- AP Psychology
- AP Music Theory
- AP Studio Art: 2-D Design
- AP Studio Art: 3-D Design

College Credit

COLLEGE CREDIT At Reitz High School, students can take college-level courses to earn both high school and college credit during their regular high school day on the high school campus. These courses are taught by qualified high school instructors and a concurrent enrollment partnership agreement exists between the high school and a postsecondary institution. Reitz High School students have many opportunities to earn both high school and college credit. Reitz has concurrent credit agreements with USI and Ivy Tech. College credit courses are noted on the student's course request sheet by a "CC" next to the course title. A complete list of college credit courses offered at Reitz is listed below.

- Adv. Speech & Communications CC (3 credits)
- Pre-Calculus/Trigonometry H CC (6 credits)
- Economics H CC (3 credits)
- U. S. Government H CC (3 credits)
- Digital Applications (3 credits)
- Computer Illustration and Graphics (3 credits)
- German IV CC (12 credits)
- Spanish IV CC (12 credits)
- PLTW Intro to Engineering Design CC (3 credits)
- PLTW Principles of Engineering CC (3 credits)

EVSC INNOVATIVE PROGRAMS

Early College High School

EARLY COLLEGE HIGH SCHOOL Students attending Early College High School are eligible to receive up to 60 hours of college credit while earning their high school diploma. As a freshman or sophomore, students spend half the day at their home high school and the other half at Ivy Tech Community College. In their junior and senior years, students can select a degree pathway through Ivy Tech Community College. Select courses can be taken at the University of Evansville, as well. Each student is provided with college readiness programs, mentoring, and academic support.

For more information, visit: www.evscschools.com/earlycollege

Junior Reserve Officer Training Corps

JROTC Junior Reserve Officer Training Corps is offered at Harrison High School for half a day, every other day. Students will be scheduled in two additional classes at Harrison to complete a full schedule of classes.

For more information, visit:

http://www.edlinesites.net/pages/EVSC/Innovative_Programs/Junior_Reserve_Officer_Training

Medical Professions Academy

MEDICAL PROFESSIONS ACADEMY The Medical Professions Academy (MPA), housed at Central High School, is open to all students entering high school as freshmen who have an interest in pursuing a career in health care or medicine. A core science and English curriculum, paired with hands-on learning, prepares students for post-secondary medical programs. The Medical Professions Academy emphasizes the attainment of skills for future medical professions through inquiry, critical thinking, and effective communication in the context of an integrated curriculum and community partnerships. Project Lead the Way curriculum is used in its classes. Students enrolled in MPA will travel to Central High School for two block periods each day, then return to their home school.

For more information, visit: www.evscschools.com/mpa

Randall T. Shepard Leadership & Law Academy

RANDELL T. SHEPARD LEADERSHIP AND LAW ACADEMY The Randall T. Shepard Leadership and Law Academy presents a four year integrated studies program in law and social justice for high school students. The Academy will engage high school students in critical analysis to prepare them for studies relating to law, social justice, American policy and social values while simultaneously earning college credit in public postsecondary universities in Indiana. The Academy, named after Chief Justice of the Indiana Supreme Court and Harrison High School alumnus Randall T. Shepard, is housed at Harrison High School and is a half-day program open to any student in the area. Students will spend half of their school day at the Academy and the other half of their home school. Students enrolled in the program

will have the opportunity to publish original research, Skype and meet Chief Justice Shepard, attend guest lectures and seminars, intern with local law firms and much more. In addition, students will have the opportunity to earn college credit upon the completion of the academy.

For more information, visit: www.evscschools.com/shepard

Southern Indiana Career & Technical Center

SOUTHERN INDIANA CAREER & TECHNICAL CENTER A program in the EVSC which is well established and has been successfully engaging students since its inception in 2006, is the Southern Indiana Career and Technical Center. All of the programs prepare students for high skill, high wage, or high demand careers including 35 of the Hoosier Hot 50 jobs. Students may also receive dual credit for 63 different college courses at six different colleges and universities. Courses include: advanced manufacturing, agricultural education and veterinary science, computer network technology (CISCO), building trades technology, culinary arts, Project Lead the Way engineering, graphic communication/digital media technology, health sciences, public safety/law enforcement/fire safety, telecommunication, and transportation technology.

For more information, visit: www.evscschools.com/sictc

Programs Offered at the Southern Indiana Career and Technical Center

Animal Science/Pre-Veterinarian	Health Science Education
Architectural Design	HVAC-R and Alternative Energy Systems
Automotive Collision Repair Technology	Industrial Maintenance and Plastics Technology
Automotive Services Technology	Law Enforcement/Fire Science
Building Construction Technology	Mechanical Engineering
Computer Network Technology	PLTW Civil Architecture
Computer Science	PLTW Computer Integrated Manufacturing
Culinary Arts	PLTW Digital Electronics
Diesel Service Technology	Precision Machine Technology
Electricity and Technology/Robotics	Radio/TV/Broadcasting/Telecommunications
Graphic Communication/Digital Media	Welding
Horticulture Science	

EVSC Virtual Academy

High school students can take online supplementary courses for credit advancement and schedule conflicts through the EVSC Virtual Academy.

For more information visit: <http://virtualacademy.evscschools.com/>

IHSAA ELIGIBILITY

Indiana High School Athletic Association, Inc.

9150 North Meridian Street, PO Box 40650, Indianapolis, Indiana 46240-0650

Phone: 317-846-6601 Fax: 317-575-4244 Website: www.ihsaa.org

Bobby Cox, Commissioner



Athletic Eligibility

A Basic Guide for Schools, Students and Parents

To Students

- Your high school years will provide some of the most memorable and enjoyable moments you will ever experience.
- Competition in interschool athletics is a once-in-a-lifetime experience, which will influence you forever. Your participation in high school athletics is dependent on your eligibility.
- Keep that eligibility. Read the Indiana High School Athletic Association rules which govern your participation.
- Review the rules with your parents/guardians. Ask questions of your principal, athletic director/s and coaches.

To Parents

- The value of participating in athletics has been well documented. Participants earn better grades, have better attendance and have a greater chance for success in later life than non-participants.
- Students must meet certain standards in order to maintain the privileges of competition.
- Review the Indiana High School Association rules with your son or daughter. Your role in stressing and supporting the value of following these rules cannot be emphasized enough.

From the IHSAA

The Indiana High School Athletic Association has been the governing body of high school athletics in our state since 1903. Your school is a voluntary member of the IHSAA and has agreed to follow its rules. Both your school and the IHSAA believe in equal competition among schools and the close relationship between academics and athletics. All rules are found in the IHSAA By-Laws and Articles of Incorporation. Your principal and athletic director/s have copies and an on-line version also is located at www.ihsaa.org

NCAA ELIGIBILITY

Please visit the following websites for more information:

http://fs.ncaa.org/Docs/eligibility_center/Quick_Reference_Sheet.pdf

www.eligibilitycenter.org

