

Indiana State **Approved Course** **Titles and Descriptions**

2024-2025 School Year

Riverton Parke High School **Course Catalog**

**Indiana Department of Education College and Career
Readiness Curriculum**

2024-2025 Edition

English and Language Arts

1002 English 9 (ENG 9) English 9, an integrated English course based on the Indiana Academic Standards for English/Language Arts in Grades 9-10, is a study of language, literature, composition, and oral communication, focusing on literature within an appropriate level of complexity for this grade band. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance in classic and contemporary literature balanced with nonfiction. Students write responses to literature, expository (informative), narrative, and argumentative/persuasive compositions, and sustained research assignments. Students deliver grade-appropriate oral presentations with attention to audience and purpose and access, analyze, and evaluate online information. • Recommended Grade: 9 • Required Prerequisites: none • Recommended Prerequisites: none • Credits: 2 semester course , 1 credit per semester • Fulfills an English/Language Arts requirement for all diplomas

1004 English 10 (ENG 10) English 10, an integrated English course based on the Indiana Academic Standards for English/Language Arts in Grades 9- 10, is a study of language, literature, composition, and oral communication, focusing on literature with an appropriate level of complexity for this grade band. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance in classic and contemporary literature balanced with nonfiction. Students write responses to literature, expository (informative) and argumentative/persuasive compositions, and sustained research assignments. Students deliver grade-appropriate oral presentations with attention to audience and purpose and access, analyze, and evaluate online information. • Recommended Grade: 10, 11 • Required Prerequisites: none • Recommended Prerequisites: English 9 or teacher recommendation • Credits: 2 semester course , 1 credit per semester • Fulfills an English/Language Arts requirement for all diplomas

1006 English 11 (ENG 11) English 11, an integrated English course based on the Indiana Academic Standards for English/Language Arts in Grades 11-12, is a study of language, literature, composition, and oral communication focusing on literature with an appropriate level of complexity for this grade band. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance appropriate in classic and contemporary literature balanced with nonfiction. Students write narratives, responses to literature, academic essays (e.g. analytical, persuasive, expository, summary), and more sustained research assignments incorporating visual information in the form of pictures, graphs, charts and tables. Students write and deliver grade-appropriate multimedia presentations and access, analyze, and evaluate online information. • Recommended Grade: 11 • Required Prerequisites: none • Recommended Prerequisites: English 9 and English 10 or teacher recommendation • Credits: 2 semester course , 1 credit per semester • Fulfills an English/Language Arts requirement for all diplomas

1098DC Advanced English 11 (Dual Credit potential if complete college's registration)

This is an advanced course based on the Indiana Academic Standards for English/Language Arts in grades 11 and 12. This course title covers any English language and composition advanced course offered for credit by an accredited post-secondary institution through an adjunct agreement with a secondary school. • Recommended Grade: 11, 12 • Required Prerequisites: none • Recommended Prerequisites: English 9 and English 10 or other literature, language, composition, and speech courses or teacher recommendation • Credits: 1 semester course, 1 credit per semester; may be offered for successive semesters • Fulfills an English/Language Arts requirement for all diplomas • Courses that use this title are most often those taught through the post-secondary campus, taught either online or in traditional settings or a combination; and/or taught by higher education faculty. 6 Indiana Department of Education High School Course Titles and Descriptions • Courses that use this title are those that do not meet specific high school standards for a corresponding high school course, as they are standards beyond what is taught in the high school.

1008 English 12 (ENG 12) English 12, an integrated English course based on the Indiana Academic Standards for English/Language Arts for Grades 11- 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 167 Indiana Department of Education High School Course Titles and Descriptions interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance in classic and contemporary literature balanced with nonfiction. Students write narratives, responses to literature, academic essays (e.g. analytical, persuasive, expository, summary), and more sustained research assignments incorporating visual information in the form of pictures, graphs, charts, and tables. Students write and deliver grade-appropriate multimedia presentations and access, analyze, and evaluate online information. • Recommended Grade: 12 • Required Prerequisites: none • Recommended Prerequisites: English 9, English 10, and English 11 or teacher recommendation • Credits: 2 semester course , 1 credit per semester • Fulfills an English/Language Arts requirement for all diplomas

1124 Advanced English/Language Arts 12, College Credit (ADV ENG CC) **Dual Credit Potential if complete college's registration** Advanced English/Language Arts, College Credit, is an advanced course based on the Indiana Academic Standards for English/Language Arts in grades 11 and 12. This course title covers any English language and composition advanced course offered for credit by an accredited post-secondary institution through an adjunct agreement with a secondary school. • Recommended Grade: 11, 12 • Required Prerequisites: none • Recommended Prerequisites: English 9 and English 10 or other literature, language, composition, and speech courses or teacher recommendation • Credits: 1 semester course, 1 credit per semester; may be offered for successive semesters • Fulfills an English/Language Arts requirement for all diplomas • Courses that use this title are most often those taught through the post-secondary campus, taught either online or in traditional settings or a combination; and/or taught by higher education faculty. 6 Indiana Department of Education High School Course Titles and Descriptions • Courses that use this title are those that do not meet specific high school standards for a corresponding high school course, as they are standards beyond what is taught in the high school.

1086 Student Media (STDNT MEDIA) 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 staff so that they may prepare themselves for career paths in journalism, communications, writing, or related fields. • Recommended Grade: 9, 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 titling 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. • NOTE: This is the designated School Media course, including newspaper and yearbook

Science

3024 Biology I (L) (BIO I) Biology I is a course based on the following core topics: cellular structure and function, matter cycles and energy transfer; interdependence; inheritance and variation in traits; evolution. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation, by designing and conducting investigations guided by theory, and by evaluating and communicating the results of those investigations according to accepted procedures. • Recommended Grade: 10 • Required Prerequisites: none • Recommended Prerequisites: none • Credits: 2 semester course, 1 credit per semester • Fulfills the Biology requirement for all diplomas

3108 Integrated Chemistry-Physics (L) (ICP) Integrated Chemistry-Physics is a course focused on the following core topics: constant velocity; uniform acceleration; Newton's Laws of motion (one dimension); energy; particle theory of matter; describing substances; representing chemical change; electricity and magnetism; waves; nuclear energy. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation by designing and conducting investigations guided by theory and by evaluating and communicating the results of those investigations according to accepted procedures. • Recommended Grade: 9 • Required Prerequisites: none • Recommended Prerequisites: Algebra I (may be taken concurrently with this course) • Credits: 2 semester course, 1 credit per semester • Counts as an Elective for all diplomas • Fulfills a science (physical) course requirement for all diplomas • Qualifies as a Quantitative Reasoning course

3044 Earth and Space Science I (L) (EAS SCI I) Earth and Space Science I is a course focused on the following core topics: universe; solar system; Earth cycles and systems; atmosphere and hydrosphere; solid Earth; Earth processes. Students analyze and describe earth's interconnected systems and examine how earth's materials, landforms, and continents are modified across geological time. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation, by 282 Indiana Department of Education High School Course

Titles and Descriptions designing and conducting investigations guided by theory, and by evaluating and communicating the results of those investigations according to accepted procedures. • Recommended Grade: 9, 10, 11, 12 • Required Prerequisites: none • Recommended Prerequisites: none • Credits: 2 semester course, 1 credit per semester • Counts as an Elective for all diplomas • Fulfills a science course requirement for all diplomas

3064 Chemistry I (L) (CHEM I) Chemistry I is a course based on the following core topics: properties and states of matter; atomic structure and the Periodic Table; bonding and molecular structure; reactions and stoichiometry; behavior of gases; thermochemistry; solutions; acids and bases. Students enrolled in Chemistry I compare, contrast, and synthesize useful models of the structure and properties of matter and the mechanisms of its interactions. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation, by designing and conducting investigations guided by theory, and by evaluating and communicating the results of those investigations according to accepted procedures. • Recommended Grade: 10, 11, 12 • Required Prerequisites: none • Recommended Prerequisites: Algebra II (can be taken concurrently) • Credits: 2 semester course, 1 credit per semester • Fulfills a science (physical) course requirement for all diplomas • Qualifies as a quantitative reasoning course

3026 Biology II (L) ** (BIO II)

****Dual Credit Potential if complete college's registration.**

Biology II is an advanced laboratory, field, and literature investigations-based course. Students enrolled in Biology II examine in greater depth the structures, functions, and processes of living organisms. Students also analyze and describe the relationship of Earth's living organisms to each other and to the environment in which they live. In this course, students refine their scientific inquiry skills as they collaboratively and independently apply their knowledge of the unifying themes of biology to biological questions and problems related to personal and community issues in the life sciences.

• Recommended Grade: 10, 11

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- Required Prerequisites: none
- Recommended Prerequisites: Biology I
- Credits: 2 semester course, 1 credit per semester
- Counts as an Elective for all diplomas
- Fulfills a science course requirement for all diplomas

3066 Chemistry II (L) (CHEM II) **Dual Credit Potential if complete college's registration. AP Potential if meet cut score of AP Test** Chemistry II is an extended laboratory, field, and literature investigations-based course. Students enrolled in Chemistry II examine the chemical reactions of matter in living and nonliving materials. Based on the unifying themes of chemistry and the application of physical and mathematical models of the interactions of matter, students use the methods of scientific inquiry to answer chemical questions and solve problems concerning personal needs and community issues related to chemistry. • Recommended Grade: 11, 12 • Required Prerequisites: none • Recommended Prerequisites: Chemistry I & Algebra II • Credits: 2 semester course, 1 credit per

semester • Counts as an Elective for all diplomas • Fulfills a science course requirement for all diplomas
• Qualifies as a quantitative reasoning course

(Offered every other year. Flips with Physics.)

3084 Physics I (L) (PHYS I) **AP Potential if meet cut score of AP Test. ** Physics I is a course focused on the following core topics: constant velocity; constant acceleration; forces; energy; linear momentum in one dimension; simple harmonic oscillating systems; mechanical waves and sound; simple circuit analysis. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation, by designing and conducting investigations guided by theory, and by evaluating and communicating the results of those investigations according to accepted procedures. • Recommended Grade: 9, 10, 11 • Required Prerequisites: none • Recommended Prerequisites: Algebra I or Algebra II • Credits: 2 semester course, 1 credit per semester • Counts as an Elective for all diplomas • Qualifies as a Quantitative Reasoning course

(Offered every other year. Flips with Chemistry II.)

5070 Advanced Life Science, Animals (L) (ALS ANIML) **Dual credit potential if complete college's registration. ** Advanced Life Science: Animals is a two-semester course that provides students with opportunities to participate in a variety of activities including laboratory work. Students will explore concepts related to history and trends in animal agriculture as related to animal welfare, husbandry, diseases and parasites, laws and practices relating to handling, housing, environmental impact, global sustainable practices of animal agriculture, genetics, breeding practices, biotechnology uses, and comparative knowledge of anatomy and physiology of animals used in animal agriculture. • Recommended Grade: 11, 12 • Required Prerequisites: none • Recommended Prerequisites: Introduction to Agriculture, Animal Science, Food and Natural Resources, Biology, Chemistry, Integrated Chemistry Physics • Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum • Counts as an Elective or Directed Elective for all diplomas. • Fulfills a Core 40 Science requirement for all diplomas. • Qualifies as a quantitative reasoning course

5072 Advanced Life Science: Foods (ALS FOODS) **Dual Credit Potential if complete college's registration. ** Advanced Life Science: Foods is a course that provides students with opportunities to participate in a variety of activities including laboratory work. This is a standards-based, interdisciplinary science course that integrates biology, chemistry, and microbiology in the context of foods and the global food industry. Students enrolled in this course formulate, design, and carry out food-base laboratory and field investigations as an essential course component. Students understand how biology, chemistry, and physics principles apply to the composition of foods, the nutrition of foods, food and food product development, food processing, food safety and sanitation, food packaging, and food storage. Students completing this course will be able to apply the principles of scientific inquiry to solve problems related to biology, physics, and chemistry in the context of highly advanced industry applications of foods. • Recommended Grade: 11, 12 • Required Prerequisites: none • Recommended Prerequisites: Chemistry, Biology, Introduction to Agriculture, Food and Natural Resources, Food Science, Nutrition and Wellness, Advanced Nutrition and Wellness • Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum • Fulfills a Core 40 Science requirement for all diplomas • Qualifies as a quantitative reasoning course.

Math

2520 Algebra I (ALG I) Algebra I formalizes and extends the mathematics students learned in the middle grades. Algebra I is made up of six strands: Real Numbers and Expressions; Functions; Linear Equations, Inequalities, and Functions; Systems of Equations and Inequalities; Quadratic and Exponential Equations and Functions; and Data Analysis and Statistics. These critical areas deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students will also engage in methods for analyzing, solving, and using quadratic functions. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

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

2522 Algebra II (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 seven strands: Complex Numbers and Expressions; Functions; Systems of Equations; Quadratic Equations and Functions; Exponential & Logarithmic Equations and Functions; Polynomial, Rational, and Other Equations and Functions; and Data Analysis, Statistics, and Probability. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

- Recommended Grade: 9, 10, 11, 12
- Required Prerequisites: None
- Recommended Prerequisites: Algebra I
- 2 semester course, 1 credit per semester
- Counts as a Mathematics course for all diplomas
- Fulfills the Algebra II/Integrated Mathematics III requirement for all diplomas

2532 Geometry (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. Seven critical areas comprise the Geometry course: Logic and Proofs; Points, Lines, Angles, and Planes; Triangles; Quadrilaterals and Other Polygons; Circles; Transformations; and Three-dimensional Solids. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

- Recommended Grade: 9, 10, 11, 12
- Required Prerequisites: None
- Recommended Prerequisites: Algebra I
- 2 semester course, 1 credit per semester
- Counts as a Mathematics course for all diplomas

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

2564 Pre-Calculus: Algebra (PRECAL AL) **AP Potential if meet AP test cut score.

Pre-Calculus: Algebra extends the foundations of algebra and functions developed in previous courses to new functions, including exponential and logarithmic functions, and to sequences and series. The course provides students with the skills and understandings that are necessary for advanced manipulation of angles and measurement. Pre-Calculus: Algebra is made up of five strands: Functions; Quadratic, Polynomial, and Rational Equations and Functions; Exponential and Logarithmic Functions; Sequences and Series; and Conics. The course is designed for students who expect math to be a major component of their future college and career experiences, and as such it is designed to provide students with strong foundations for calculus and other higher-level math courses. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

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- Recommended Grade: 9, 10, 11, 12
- Required Prerequisites: None
- Recommended Prerequisites: Algebra II and Geometry or Integrated Mathematics III
- 1 semester course, 1 credit per semester
- Fulfills a Mathematics course requirement for all diplomas

2566 Pre-Calculus: Trigonometry (PRE-CALC TRIG) **AP Potential if meet AP Test cut score.**

Pre-Calculus: 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 in many disciplines, including music, engineering, medicine, finance, and nearly all other STEM disciplines. Trigonometry consists of six strands: Unit Circle; Triangles; Periodic Functions; Identities; Polar Coordinates and Complex Numbers; and Vectors. Students will 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 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: 9, 10, 11, 12
- Required Prerequisites: None
- Recommended Prerequisites: Algebra II and Geometry or Integrated Mathematics III
- 1 semester course, 1 credit per semester
- Fulfills a Mathematics course requirement for all diplomas

2527 Calculus (CALC) **AP Potential if meet AP test cut score.** Calculus expands a student's knowledge of topics like functions, graphs, limits, derivatives, and integrals. Additionally, students will review algebra and functions, modeling, trigonometry, etc. Calculus is made up of five strands: Limits and Continuity; Differentiation; Applications of Derivatives; Integrals; and Applications of Integrals. The eight Process Standards for Mathematics apply throughout the course. Together with the content standards, the Process Standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. • Recommended Grade: 11, 12 • Required Prerequisites: None • Recommended Prerequisites: Pre-Calculus and Trigonometry • 2 semester course, 1 credit per semester • Counts as a Mathematics course for all diplomas

2550 Quantitative Reasoning (QUANTREAS) 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, 125 Indiana Department of Education High School Course Titles and Descriptions: 2024-2025 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: 9, 10, 11, 12
- Required Prerequisites: none

2546 Probability and Statistics (PROB/STAT) **Only offered via PLATO. Must have already taken Alg. I, Geometry, Alg. II, Pre Calculus & Trig and Calculus prior to taking this course. 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 technology and computer programs is encouraged. The eight Process Standards for 261 Indiana Department of Education High School Course Titles and Descriptions 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: 9, 10, 11, 12 • Required Prerequisites: Must have exhausted all other math options offered at Riverton Parke: Alg. I, Geometry, Algebra II, Pre Calculus & Trigonometry, Calculus • 1 semester course, 1 credit per semester • Counts as a Mathematics course for all diplomas

Social Studies and Social Sciences

1548 World History and Civilization (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: none • Required Prerequisites: none • Recommended Prerequisites: none • Credits: 2 semester course, 1 credit per semester 304 Indiana Department of Education High School Course Titles and Descriptions • Counts as an elective for all diplomas • Fulfills the Geography History of the World/World History and Civilization graduation requirement for all diplomas

1542 United States History (US HIST) ***One section offered for AP/weighted Potential.** 302 Indiana Department of Education High School Course Titles and Descriptions 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: none • Required Prerequisites: none • Recommended Prerequisites: none • Credits: 2 semester course, 1 credit per semester • Fulfills the US History requirement for all diplomas

1540 United States Government (US GOVT) 301 Indiana Department of Education High School Course Titles and Descriptions 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 the rights and provides the structure and functions of various levels of government. Analysis of how the United States interacts with other nations and the government's role in world affairs is included in this course. 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: 11, 12 • Required Prerequisites: none • Recommended

Prerequisites: none • Credits: 1 semester course, 1 credit per semester • Fulfills Government requirement for all diplomas • Students are required to take the naturalization test for citizenship per SEA 132 (New 2019- 2020)

1514 Economics (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 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: 11, 12 • Required Prerequisites: none • Recommended Prerequisites: none • Credits: 1 semester course, 1 credit per semester • Counts as an Elective for all diplomas • Fulfills the Economics requirement for the Core 40, Core 40 with Academic Honors, Core 40 with Technical Honors and International Baccalaureate diplomas • Fulfills a Social Studies requirement for the General Diploma only • Qualifies as a quantitative reasoning course

1532 Psychology (PSYCH) Psychology is the scientific study of mental processes and behavior. The course is divided into eight content areas: History and Scientific Method, Biological Basis for Behavior, Development, Cognition, Personality and Assessment, Abnormal Psychology, Socio-Cultural Dimensions of Behavior, and Psychological Thinking. History and 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 analyzes the changes through one's life including the physical, cognitive, emotional, social and moral development. Cognition focuses on learning, memory, information processing, and language development. Personality and Assessment explains 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. 298 Indiana Department of Education High School Course Titles and Descriptions 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: none • Required Prerequisites: none • Recommended Prerequisites: none • Credits: 1 to 2 semester course, 1 credit per semester

1534 Sociology (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: 11, 12 • Recommended Prerequisites: none • Credits: 1 semester course, 1 credit per semester • Counts as an elective for all diplomas

1574 Advanced Social Sciences, College Credit (ADV SS CC) (This course is currently only being offered as an “Early Bird”/7:00 AM option during the fall semester.) **“Advanced Psychology” ** College Credit**** is a title covering (1) any advanced social sciences courses offered for credit by an accredited post-secondary institution through an adjunct agreement with a secondary school or (2) any other post-secondary social sciences course offered for dual credit under the provisions of 511 IAC 6-10.

•Recommended Grade: 12 •Required Prerequisites: underclassmen must meet a score of 70 or above on the KA which is Ivy Tech’s College Entrance Exam •Recommended Prerequisites: United States History or History and World Civilizations or World Geography •Credits: 1 semester course, 1 credit per semester. May be offered for successive semesters •Counts as an Elective for all diplomas •Courses that use this title are most often those taught through the post-secondary campus, taught either online or in traditional settings or a combination; and taught by higher education faculty. •Courses that use this title are those that do not meet specific high school standards for a corresponding high school course, as they are standards beyond what is taught in the high school.

Health and Physical Education

3542 Physical Education I (L) (PHYS ED) Physical Education I focuses on instructional strategies through a planned, sequential, and comprehensive physical education curriculum which provides students with opportunities to actively participate in at least four of the following: team sports; dual sport activities; individual physical activities; outdoor pursuits; self-defense and martial arts; aquatics; gymnastics; and dance, all of which are within the framework of the skills, knowledge and confidence needed by the student for a lifetime of healthful physical activity 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 IEPs and 504 plans (e.g., chronic illnesses, temporary injuries, obesity, etc.). See 511 IAC 7-27-9, 7- 27-11. • Recommended Grade: 9, 10, 11, 12 • Required prerequisites: Grade 8 Physical Education • Recommended Prerequisites: none • Credits: 1 semester course, 1 credit per semester, 1 credit maximum • Fulfills part of the Physical Education requirement for all diplomas 276 Indiana Department of Education High School Course Titles and Descriptions • 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-restrictive environment and must be based upon an individual assessment. • As a designated laboratory course, 25% of course time must be spent in activity

3544 Physical Education II (L) (PHYS ED II) Physical Education II focuses on instructional strategies through a planned, sequential, and comprehensive physical education curriculum which provides students with opportunities to actively participate in four of the following areas that were not included in Physical Education I: team sports; dual sport activities; individual physical activities; outdoor pursuits; self-defense and martial arts; aquatics; gymnastics; and dance, all of which are within the framework of the skills, knowledge and confidence needed by the student for a lifetime of healthful physical activity 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 IEPs

and 504 plans (e.g., chronic illnesses, temporary injuries, obesity, etc.). See 511 IAC 7-27-9, 7-27-11. ● Recommended Grade: 9, 10, 11, 12 ● Required prerequisites: Physical Education I ● Recommended Prerequisites: none ● Credits: 1 semester course, 1 credit per semester, 1 credit maximum ● Fulfills part of the Physical Education requirement for all diplomas ● Classes are co-educational unless the activity involves bodily contact or groupings based on an objective standard of individual performance developed and applied without regard to gender. ● Adapted physical education must be offered, as needed, in the least-restrictive environment and must be based upon an individual assessment. ● As a designated laboratory course, 25% of course time must be spent in activity.

3506 Health and Wellness Education (HLTHandWELL) Health and Wellness, a course based on Indiana's Academic Standards for Health and Wellness and 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, and 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: 9, 10, 11, 12 ● Required Prerequisites: none ● Recommended Prerequisites: 8th grade health education ● Credits: 1 semester course, 1 credit per semester, 1 credit maximum ● Fulfills the Health and Wellness requirement for all diploma types

Agriculture

7117 Principles of Agriculture **Dual Credit Potential if complete college's dual credit registration** (Ag Grad pathway course sequence class.)

PRIN AG

Principles of Agriculture is a two-semester course that will cover the diversity of the agricultural industry and agribusiness concepts. Students will develop an understanding and the role of agriculture in the United States and globally. Topics covered in the course range from animals, plants, food, natural resources, ag power, structures and technology, as well as careers.

- Recommended Grade: 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 credits for all diplomas

5002 Agribusiness Management (AG BUS MGMT) **Dual Credit Potential if complete college's dual credit registration. Imbedded within the Principles of Ag. class' first 9 weeks. Agribusiness Management provides foundation concepts in agricultural business. It is a two semester course that introduces students to the principles of business organization and management from a local and global perspective, with the utilization of technology. Concepts covered in the course include; accounting and record keeping, business planning and management, food and fiber, forms of business, finance, management, sales and marketing, careers, leadership development. Students will demonstrate principles and techniques for planning, development, application and management of agribusiness systems through a supervised agriculture experience (Work-based learning) programs. • Recommended Grade: 11, 12 • Required Prerequisites: none • Recommended Prerequisites: Introduction to Agriculture, Food and Natural Resources • Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum 77 Indiana Department of Education High School Course Titles and Descriptions • Counts as an Elective or Directed Elective for all diplomas. • Qualifies as a quantitative reasoning course

5008 Animal Science (ANML SCI) **Dual credit potential if complete college's dual credit registration.**
(Ag Animal Science Grad pathway course sequence class.) Animal Science is a two-semester program that provides students with an overview of the animal agriculture industry. Students participate in a large variety of activities and laboratory work including real and simulated animal science experiences and projects. All areas that the students study may be applied to both large and small animals. Topics to be covered in the course include: history and trends in animal agriculture, laws and practices relating to animal agriculture, comparative anatomy and physiology of animals, biosecurity threats and interventions relating to animal and human safety, nutrition, reproduction, careers, leadership, and supervised agricultural experiences relating to animal agriculture. • Recommended Grade: 10, 11 • Required Prerequisites: none • Recommended Prerequisites: Introduction to Agriculture, Food and Natural Resources • Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum • Counts as a Directed Elective or Elective for all diplomas. • Fulfills a science course requirement for all diplomas *Fulfills Core 40 science requirement.

5070 Advanced Life Science, Animals (L) (ALS ANIML) **Dual Credit Potential if complete college's dual credit registration** (Ag Animal Science Grad pathway course sequence class.)

Advanced Life Science: Animals is a two-semester course that provides students with opportunities to participate in a variety of activities including laboratory work. Students will explore concepts related to history and trends in animal agriculture as related to animal welfare, husbandry, diseases and parasites, laws and practices relating to handling, housing, environmental impact, global sustainable practices of animal agriculture, genetics, breeding practices, biotechnology uses, and comparative knowledge of anatomy and physiology of animals used in animal agriculture. • Recommended Grade: 11, 12 • Required Prerequisites: none • Recommended Prerequisites: Introduction to Agriculture, Animal Science, Food and Natural Resources, Biology, Chemistry, Integrated Chemistry Physics • Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum • Counts as an Elective or Directed Elective for all diplomas. • Fulfills a Core 40 Science requirement for all diplomas. • Qualifies as a quantitative reasoning course

5072 Advanced Life Science: Foods (ALS FOODS) **Dual Credit Potential if complete college's dual credit registration** (Ag Grad Pathway course sequence class.)

Advanced Life Science: Foods is a course that provides students with opportunities to participate in a variety of activities including laboratory work. This is a standards-based, interdisciplinary science course that integrates biology, chemistry, and microbiology in the context of foods and the global food industry. Students enrolled in this course formulate, design, and carry out food-base laboratory and field investigations as an essential course component. Students understand how biology, chemistry, and physics principles apply to the composition of foods, the nutrition of foods, food and food product development, food processing, food safety and sanitation, food packaging, and food storage. Students completing this course will be able to apply the principles of scientific inquiry to solve problems related to biology, physics, and chemistry in the context of highly advanced industry applications of foods. ● Recommended Grade: 11, 12 ● Required Prerequisites: none ● Recommended Prerequisites: Chemistry, Biology, Introduction to Agriculture, Food and Natural Resources, Food Science, Nutrition and Wellness, Advanced Nutrition and Wellness ● Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum ● Fulfills a Core 40 Science requirement for all diplomas ● Qualifies as a quantitative reasoning course

5132 Horticultural Science (HORT SCI) **Dual Credit Potential if complete college's dual credit registration** (Ag Soil Science Grad pathway course sequence class.) Horticulture Science is a two semester course that provides students with a background in the field of horticulture. Coursework includes hands-on activities that encourage students to investigate areas of horticulture as it relates to the biology and technology involved in the production, processing, and marketing of horticultural plants and products. Students are introduced to the following areas of horticulture science: reproduction and propagation of plants, plant growth, growth-media, management practices for field and greenhouse production, marketing concepts, production of plants of local interest, 79 Indiana Department of Education High School Course Titles and Descriptions greenhouse management, floral design, and pest management. Students participate in a variety of activities including extensive laboratory work usually in a school greenhouse. ● Recommended Grade: 10, 11 ● Required Prerequisites: none ● Recommended Prerequisites: Introduction to Agriculture, Food and Natural Resources ● Credits: 2 semester course, 2 semesters required, 1-3 credit(s) per semester, 6 credits maximum ● Counts as a Directed Elective or Elective for all diplomas. ● Fulfills a Life Science or Physical Science requirement for the General Diploma

Offered every other year. Flips with Landscape and Turf Management.

7115 Landscape and Turf Management LANDTURMAN **Dual Credit Potential if complete college's dual credit registration** (Ag Soil Science Grad pathway course sequence class.) Landscape and Turf Management provides students with an overview of the many career opportunities in the diverse field of landscape and turf management. Students are introduced to the procedures 220 Indiana Department of Education High School Course Titles and Descriptions: 2024-2025 used in the planning and design of a landscape using current technology practices, the principles and procedures involved with landscape construction, the

determination of maintenance schedules, communications, and management skills necessary in landscaping operations, and the care and use of equipment utilized by landscapers. Upon completion of the program, students have the opportunity to become Indiana Landscape Industry Certified through a state approved program. • Recommended Grade(s): 10, 11, 12

- Required Prerequisites: Principles of Agriculture
- Recommended Prerequisites: Introduction to Agriculture, Food, and Natural Resources
- 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
- Counts as a directed elective or elective credits for all diplomas.

Offered every other year. Flips with Horticulture Science.

7114 Greenhouse and Soilless Production GRN S PROD **Dual Credit Potential if complete college's dual credit registration** (Ag Soil Science Grad pathway course sequence class.)

Greenhouse and Soilless Production is a two semester course that provides an overview of structural designs and uses of enclosed structures (greenhouses) to grow various plants and food. The course will focus on discussing different types of enclosed structures, management systems, and growing systems used to produce plants and food. The course will also present an overview of soilless growing systems such as hydroponics, aquaponics, aeroponics and fogponics. Students will utilize the school greenhouse as part of this course.

- Recommended Grade(s): 10, 11, 12
- Required Prerequisites: Principles of Agriculture

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- Recommended Prerequisites: Introduction to Agriculture, Food and Natural Resources
- Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
- Counts as a directed elective or elective credits for all diplomas

Family Consumer Science

7173 Principles of Culinary and Hospitality PRIN HOSP (Culinary Arts Grad Pathway sequence course.)

Principles of Culinary and Hospitality is designed to develop an understanding of the hospitality industry and career opportunities, and responsibilities in the food service and lodging industry. Introduces procedures for decision making which affects operation management, products, labor, and revenue. Additionally, students will learn the fundamentals of food preparation, basic principles of sanitation, service procedures, and safety practices in the food service industry including proper operation techniques for equipment. • 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

7171 Nutrition FD THRY NUT (Culinary Arts Grad Pathway sequence course.) Nutrition students will learn the characteristics, functions and food sources of the major nutrient groups and how to maximize nutrient retention in food preparation and storage. Students will be made aware of nutrient needs throughout the life cycle and to apply those principles to menu planning and food preparation. This course will engage students in hands-on learning of nutritional concepts such as preparing nutrient dense meals or examining nutritional needs of student athletes. • Recommended Grade(s): 10, 11, 12 • Required Prerequisites: Principles of Culinary and Hospitality • 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

7169 Culinary Arts CUL ARTS (Culinary Grad Pathway sequence course.)

Culinary Arts teaches students how to prepare the four major stocks, the five mother sauces (in addition to smaller sauces) and various soups. Additional emphasis is placed on the further development of the classical cooking methods. This course will also present the fundamentals of baking science including terminology, ingredients, weights and measures, and proper use and care of equipment. Students will produce yeast goods, pies, cakes, cookies, and quick breads. • Recommended Grade(s): 10, 11, 12 • Required Prerequisites: Principles of Culinary and Hospitality • 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

Business and Information Technology

Computer Science I, 10,11,12 (PLTW Computer Science Principles) #4801

2 semesters, 2 credits

Grades:10, 11, 12

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Students will learn Visual Basic using Visual Studio, which will include algorithm development, flow charting, input/output techniques, looping and modules. Students have an opportunity to apply skills in a laboratory environment, and will provide an overview of computers and logic, design process, GUI, event driven programs, file handling, and arrays. Projects and problems include app development, visualization of data, cybersecurity, and simulation.

- Counts as a Core 40 science class

5232 Interactive Media Interactive Media prepares students for careers in business and industry working with interactive media products and services; which includes the entertainment industries. This course emphasizes the development of digitally generated or computer-enhanced products using multimedia technologies. Students will develop an understanding of professional business practices including the

importance of ethics, communication skills, and knowledge of the “virtual workplace”. This course will allow students to have experiences in various software programs involved in creating multimedia presentations, digital movies, digital animation, and introductory scripting. Students explore the role of contemporary marketing and design. · DOE Code: 5232 · Recommended Grade Level: Grade 11-12 · Recommended Prerequisites: IT Essentials or Introduction to Communications · Credits: 1 credit per semester, maximum of 6 credits · Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

4562 Principles of Business (Was 7152) (Business Grad Pathway sequence course.)

PRIN BUS

Principles of Business examines American business including business ownership, organization principles and problems, management, control facilities, administration, financial management, and development practices of American 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 Microsoft Word, Excel,

- Access, and PowerPoint.
- Recommended Grade: 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

7150 Personal Finance and Banking (Business Grad Pathway sequence course.)

Personal Finance and Banking addresses the needs of schools in areas that have workforce demand in the finance industry. It analyzes and synthesizes high-level skills needed for a multitude of careers in the banking and investment industry. Students learn banking, investments, and other finance fundamentals and applications related to financial institutions, business and personal financial services, investment and securities, risk management products, and corporate finance. The course provides students with work based learning experiences to acquire and apply knowledge and skills in one or more careers in the industry.

- Recommended Grade: 10, 11, 12
- Required Prerequisites: Principles of Business
- 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

5258 Finance and Investment (Business Graduation Pathway sequence course.)

FIN INVEST

Finance and Investments addresses the need of schools in areas that have workforce demand in the finance industry. It analyzes and synthesizes high-level skills needed for a multitude of

career in the banking and investment industry. Students learn banking, investments, and other finance fundamentals and applications related to financial institutions, business and personal financial services, investment and securities, risk management products, and corporate finance.

- Recommended Grade(s): 11, 12

- Required Prerequisites: Principles of Business Management*; Personal Finance and Banking or Accounting Fundamentals

- 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

- Formerly Banking and Investment Capstone; *Principles course is not required until 24-25 school year because this course is included in Perkins V pathways.

Fine Arts (Performing)

4160 Beginning Concert Band (L) (BEG BAND) Beginning Concert Band is based on the Indiana Academic Standards for High School Instrumental Music. Students taking this course are provided 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: 9, 10, 11, 12 • Required Prerequisites: none • 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 req

Intermediate Concert Band (L) (INT BAND) Intermediate Concert Band is based on the Indiana Academic Standards for High School Instrumental Music. This course includes a balanced comprehensive study of music that develops skills in the psychomotor, cognitive, and affective domains. Ensemble and solo activities are designed to develop elements of musicianship including tone production, technical skills, intonation, music reading skills, listening skills, analyzing music, studying historically significant styles of literature, and integration of other applicable disciplines. Students study a varied repertoire of developmentally appropriate concert band literature and develop the ability to understand and convey the composer's intent in performance of music. Time outside of the school day may be scheduled for rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and musical goals. Students are required to participate in performance opportunities outside of the school day that support and extend learning in the classroom. • Recommended Grade:

10, 11, 12 • Required Prerequisites: none • Recommended Prerequisites: Beginning Concert Band • Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized. • Counts as a Directed Elective or Elective for all diplomas • Fulfills a Fine Arts req

4170 Advanced Concert Band (L) (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: 10, 11, 12 • Required Prerequisites: none • Recommended Prerequisites: Beginning and Intermediate Concert Band • Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined • Counts as a Directed Elective or Elective for all diplomas • Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma • Laboratory course

4182 Beginning Chorus (L) (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: 10, 11, 12 193 Indiana Department of Education High School Course Titles and Descriptions • Required Prerequisites: none • 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

4186 Intermediate Chorus (L) (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. 196 Indiana Department of Education High School Course Titles and Descriptions 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: 10, 11, 12
- Required Prerequisites: none
- Recommended Prerequisites: Beginning Chorus
- Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma
- Laboratory course 4168

4188 Advanced Chorus (L) (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: 10, 11, 12
- Required Prerequisites: none
- Recommended Prerequisites: Beginning and Intermediate Chorus 191
- Indiana Department of Education High School Course Titles and Descriptions
- 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

Fine Arts (Visual)

4000 Introduction to Two Dimensional Art (L) (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: 9, 10, 11, 12
- Required Prerequisites: none
- Recommended Prerequisites: none
- Credits: 1 semester course, 1 credit per semester
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma
- Laboratory course

4002 Introduction to Three Dimensional Art (L) (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: 9, 10, 11, 12 • Required Prerequisites: none • Recommended Prerequisites: Introduction to Two-Dimensional Art (L) • Credits: 1 semester course, 1 credit per semester • Counts as a Directed Elective or Elective for all diplomas • Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma • Laboratory course

4040 Ceramics (L) (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: 10, 11, 12 • Required Prerequisites: none • Recommended Prerequisites: Introduction to Two-Dimensional Art (L), Introduction to Three Dimensional Art (L) • Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized • Counts as a Directed Elective or Elective for all diplomas • Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma • Laboratory Course

4044 Sculpture (L) (SCULPT) Sculpture is a course based on the Indiana Academic Standards for Visual Art. Students in sculpture engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production. Using materials such as plaster, clay, metal, paper, wax, and plastic, students create portfolio quality work. Students at this level produce works for their portfolios that demonstrate a sincere desire to explore a variety of ideas and problems. They create realistic and abstract sculptures utilizing subtractive and additive processes of carving, modeling, construction, and assembling. They reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art-related careers. • Recommended Grade: 10, 11, 12 • Required Prerequisites: none • Recommended Prerequisites: Introduction to Two-Dimensional Art (L), Introduction to Three Dimensional Art (L) 212 Indiana Department of Education High School Course Titles and Descriptions • 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

4060 Drawing (L) (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: 10, 11, 12 ● Required Prerequisites: none ● Recommended Prerequisites: Introduction to Two-Dimensional Art (L) ● Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized. ● Counts as a Directed Elective or Elective for all diplomas ● Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma ● Laboratory Course

4064 Painting (L) (PAINTING) Painting is a course based on the Indiana Academic Standards for Visual Art. Students taking painting engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production that lead to the creation of portfolio quality works. Students create abstract and realistic paintings, using a variety of materials such as mixed media, watercolor, oil, and acrylic as well as techniques such as stippling, gouache, wash, and impasto. They reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art-related careers. ● Recommended Grade: 10, 11, 12 ● Required Prerequisites: none ● Recommended Prerequisites: Introduction to Two-Dimensional Art (L) ● Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized. ● Counts as a Directed Elective or Elective for all diplomas ● Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma ● Laboratory course

4004 Advanced Two Dimensional Art (L) (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: 11, 12 ● Required Prerequisites: none ● Recommended Prerequisites: Introduction to Two-Dimensional Art (L) ● Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized. ● Counts as a Directed Elective or Elective for all diplomas ● Fulfills a Fine Arts req.

4006 Advanced Three Dimensional Art (L) (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: 11, 12 • Required Prerequisites: none • Recommended Prerequisites: Introduction to Two-Dimensional Art (L), Introduction to Three Dimensional Art (L) • Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized • Counts as a Directed Elective or Elective for all diplomas • Fulfills a Fine Arts requirement for the Core 40 Academic Honors Diploma • Laboratory Course 205 Indiana Department of Education High School Course Titles and Descriptions

World Language

2120 Spanish I (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 cultures. 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: 9, 10, 11, 12 • Required Prerequisites: none • Recommended Prerequisites: none 346 Indiana Department of Education High School Course Titles and Descriptions • Credits: 2 semester course, 1 credit per semester • Counts as a Directed Elective or Elective for all diplomas • Fulfills a World Language requirement for the Core 40 with Academic Honors Diploma

2122 Spanish II (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: 9, 10, 11, 12 • Required prerequisites: Spanish I • Recommended Prerequisites: none • Credits: 2 semester course, 1 credit per semester • Counts as a Directed Elective or Elective for all diplomas • Fulfills a World Language requirement for the Core 40 with Academic Honors Diploma

2124 Spanish III (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 347 Indiana Department of Education High School Course Titles and Descriptions 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: 9, 10, 11, 12 • Required prerequisites: Spanish I and II • Recommended Prerequisites: none • Credits: 2 semester course, 1 credit per semester • Counts as a Directed Elective or Elective for all diplomas • Fulfills a World Language requirement for the Core 40 with Academic Honors Diploma

2126 Spanish IV (SPAN IV) (Assessed yearly with potential to be phased in as student interest and/or staffing capabilities allow.)

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: 10, 11, 12•Required Prerequisites: Spanish I, II, and III

•Recommended Prerequisites: none•Credits: 2 semester course, 1 credit per semester

•Counts as a directed elective or elective for all diplomas•Fulfills a World Language requirement for the Core 40 with Academic Honors Diploma

Miscellaneous Courses

5408 Education Professions I (ED PROF I) Education Professions I provides the foundation for employment in education and related careers and prepares students for study in higher education. An active learning approach that utilizes higher order thinking, communication, leadership, and management processes is recommended in order to integrate suggested topics into the study of education and related careers. The course of study includes, but is not limited to: the teaching profession, the learner and the learning process, planning instruction, learning environment, and instructional and assessment strategies. Exploratory field experiences in classroom settings and career portfolios are required components. A standards-based plan guides the students' field experiences. 111 Indiana Department of Education High School Course Titles and Descriptions Students are monitored in their field experiences by the Education Professionals I teacher. Articulation with post-secondary programs is encouraged. • Recommended Grade: 11,12 • Required Prerequisites: none • Recommended Prerequisites: Nutrition and Wellness, Child Development, Advance Child Development, and Interpersonal Relationships • Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum • Counts as a Directed Elective or Elective for all diplomas

5404 Education Professions II (ED PROF II) Education Professions II prepares students for employment in education and related careers and provides the foundation for study in higher education in these career areas. An active learning approach that utilizes higher order thinking, communication, leadership, and management processes is recommended in order to integrate suggested topics into the study of education and related careers. The course of study includes, but is not limited to: the teaching profession, the learner and the learning process, planning instruction, learning environment, and instructional and assessment strategies. Extensive field experiences in one or more classroom settings, resumes, and career portfolios are required components. A standards-based plan guides the students' field experiences. Students are monitored in their field experiences by the Education Professions II teacher. Articulation with post-secondary programs is encouraged. • Recommended Grade: 12 • Required Prerequisites: Education Professions I • Recommended Prerequisites: none • Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum • Counts as a Directed Elective or Elective for all diplomas

0500 Basic Skills Development (BAS SKLS) Basic Skills Development is a multidisciplinary course that provides students continuing opportunities to develop basic skills including: (1) reading, (2) writing, (3) listening, (4) speaking, (5) mathematical computation, (6) note taking, (7) study and organizational skills, and (8) problem-solving skills, which are essential for high school course work achievement. Determination of the skills to be emphasized in this course is based on Indiana's standards, individual school corporation general curriculum plans, and the student's Individualized Education Programs (IEP) or other individualized plans. Skills selected for developmental work provide students with the ability to continue to learn in a range of different life situations • Recommended Grade: 9, 10, 11, 12 • Required Prerequisites: none • Recommended Prerequisites: none • Credits: 1 credit per semester up to 8 semesters, 8 credits maximum • Counts as an Elective for all diplomas