



**MADISON-GRANT
JUNIOR/SENIOR HIGH SCHOOL**

2023-2024

Curriculum Guide And Course Descriptions

Please be aware that fees are subject to change. Final decisions for course offerings are made based on student requests and teacher availability.

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Courses included in this Curriculum Guide are offered but due to staffing and student requests, may NOT be taught during this current school year.

MADISON-GRANT UNITED SCHOOL CORPORATION

MISSION STATEMENT

Inspire, challenge, and cultivate excellence in every Argyll.

MADISON-GRANT HIGH SCHOOL VISION STATEMENT

Madison-Grant delivers a high quality education within a safe environment. We nurture relationships between staff, students, and families which fosters mutual respect and trust. Our students thrive by utilizing critical thinking skills, developing a global perspective, and integrating school and community core values. Through the collective efforts of our school and community, our students grow into responsible citizens with productive futures.

Dual Credit Course Work

We have dual credit agreements with Indiana University, Indiana Wesleyan University, Ivy Tech Community College, Ball State University, and Vincennes University.

MGJSHS staff makes all efforts to provide extensive college credit opportunities for students. We depend on the cooperation of our partner universities for awarding college credit and must abide by their expectations listed here:

1. **College Courses have a much higher expectation and workload.** Students should understand that dual credit courses require a significant amount of outside the school day work.
2. **All College Courses/Dual Credit Courses have strict absence policies; partner universities will not grant college credit to students violating the absence policies.** MGJSHS Instructors will include information about absence policies in their syllabi. It is the responsibility of the student and family to understand the absence policy for any dual-credit classes and to abide by the policy if the student is seeking college credit.

Through the expansion of our relationship with Indiana University we are now able to offer our students the opportunity to choose from an array of online course offerings. Students are able to take up to two courses each semester for a \$75 per course fee. Students are responsible for acquiring and purchasing required texts. Students who participate in the free/reduced lunch program are exempt from all fees. This option is for seniors only.

Distance Learning Classes

In order to offer our advanced students the most relevant and challenging coursework we are partnered with The Academy of Math and Science at Ball State University. Through this program we offer a wide variety of AP and dual credit math and science classes. For the most up to date information on the courses available please follow this [LINK](#).

Virtual Academy

Madison Grant partners with Edmentum to provide online options for all core 40 courses. These classes are used in a variety of manners to better serve our students including: credit recovery, to resolve schedule conflicts, summer school, SAT prep, and to offer a wider course option pool for our students. Indiana Online is also a virtual partnership for which enrollment will be done on a case by case basis, considering many factors including 504 and similar accommodations. Virtual students also have a fully supported classroom with a knowledgeable proctor and the necessary technology. Students not showing adequate progress in virtual classes will be removed. Students and families will be notified if removal is considered.

AGRICULTURE

0496.68 CTE: AGRICULTURE, FOOD AND NATURAL RESOURCES

Grade Offered: 7 or 8

Duration: 1 semester

Prerequisite: none

Course Fee:

The Middle Level Exploring Agriculture Science and Business has flexibility in content due to the variety of local offerings. The nature of this course is to provide students with an overview of various aspects of the agriculture industry. Topics to be covered in this course can include: leadership, supervised agriculture experience, plant and soil science, natural resources, animal science, agribusiness, food science, and power, structure, and technical systems. Along with the current academic standards for this subject, the Science/Technical Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

0496.68 AG EXPLORATION

Grade Offered: 8

Duration: 9 weeks

Course Credit Type: 8th grade 9-week rotation

Course Fees:

The Middle Level Exploring Agriculture Science and Business has flexibility in content due to the variety of local offerings. The nature of this course is to provide students with an overview of various aspects of the agriculture industry. Topics to be covered in this course can include: leadership, supervised agriculture experience, plant and soil science, natural resources, animal science, agribusiness, food science, and power, structure, and technical systems. Along with the current academic standards for this subject, the Science/Technical Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

5070: ADVANCE LIFE SCIENCE, ANIMALS

Grade Offered: 10 - 12

Duration: 2 semesters / 2 credits

Prerequisite: Principles of Agriculture

Course Credit Type: Elective; Science

Course Fee:

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.

5088: AGRICULTURE POWER, STRUCTURE, and TECHNOLOGY

Grade Offered: 10 - 12

Duration: 2 semesters / 2 credits

Prerequisites: Principles of Agriculture

Course Credit Type: Elective

Course Fee:

Agriculture Power, Structure and Technology is a two semester, up to six credits, lab intensive course in which students develop an understanding of basic principles of tool selection, operation, maintenance, and management of agricultural equipment in concert with the utilization of technology. Topics covered include: safety, problem solving/troubleshooting, electricity, plumbing, concrete, carpentry, metal technology, engines, emerging technologies, leadership development, supervised agricultural experience, and career opportunities in the area of agriculture power, structure, and technology.

7112 AGRICULTURE STRUCTURES, FABRICATION & DESIGN

Grade Offered: 10 - 12

Duration: 2 semesters / 2 credits

Prerequisites: Intro to Agriculture, Food, and Natural Resources and/or Agriculture Power, Structure, and Technology

Course Credit Type: Elective

Course Fee:

Agricultural Structures Fabrication and Design is a two semester course that focuses on metal work, and agricultural structures. This course will allow students to develop skills in welding and metalworking, construction, fabrication, machine components and design while incorporating the engineering design process. Students will also cover safety topics for each area while demonstrating appropriate health and safety standards.

7117 PRINCIPLES OF AGRICULTURE

Grade Offered: 9-12

Duration: 2 semesters / 2 credits

Course Credit Type: Elective

Course Fees:

Grade Offered: 9 - 12

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 of the role of agriculture in the United States and globally. Students will explore Agriculture, Food, and Natural Resource (AFNR) systems related to the production of food, fiber and fuel and the associated health, safety and environmental management systems. Topics covered in the course range from animals, plants, food, natural resources, ag power, structures and technology, and agribusiness. Participation in FFA and Supervised Agricultural Experiences (SAE) will be an integral part of this course in order to develop leadership and career ready skills.

BUSINESS, MARKETING & INFORMATION TECHNOLOGY EDUCATION

0495.68: DIGITAL CITIZENSHIP

Grade Offered: 7

Duration: 9 weeks

Course Credit Type: 7th grade 9-week rotation

Course Fees:

Digital Citizenship prepares students to use computer technology in an effective and appropriate manner. Students develop knowledge of word processing, spreadsheets, presentation and communications software. Students establish what it means to be a good digital citizen and how to use technology appropriately. Along with the current academic standards for this subject, the Science/Technical Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

0494.68: BUSINESS EXPLORATION

Grade Offered: 8

Duration: 9 weeks

Course Credit Type: 8th grade 9-week rotation

Course Fees:

Business and Information Technology, Middle Level provides concepts and applications that facilitate the development of competencies required for success in all academic areas and in real-world contexts. The curriculum relates closely to understandings and competencies students will need as their world expands and as they develop career interests. The four broad areas included in this curriculum are technology, career exploration, personal financial responsibility, and basic business (business communications, marketing, and entrepreneurship). The domains and standards for each area provide many opportunities to engage students in learning essential business content and in applying technology as a tool. This approach is in keeping with the National Education Technology Standards (NETS) approach, which places heavy emphasis on integrating technology into the curriculum. Along with the current academic standards for this subject, the Science/Technical Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

0488.68: CODING EXPLORATION

Grade Offered: 8

Duration: 9 weeks

Course Credit Type: 8th grade 9-week rotation

Course Fees:

Middle level computer science builds upon the computer science standards for grade bands kindergarten to grade 2 and grade 3 to grade 5, incorporates the computer science standards for grade band grade six to grade eight, and helps to provide a seamless transition to introductory high school coursework. The standards focus on Indiana's Five Core Computer Science Concepts: Data and Information, Computing Devices and Systems, Programs and Algorithms,

Networking and Communication, and Impact and Culture. Focusing on these domains offers students the opportunity to experience and apply a variety of computer science concepts in order to build a solid foundation for more advanced and specialized studies. Recommended for grades six through eight. No required prerequisites

0494.68: INTRODUCTION TO BUSINESS

Grade Offered: 7,8

Duration: 1 semester

Course Fees:

Business and Information Technology, Middle Level provides concepts and applications that facilitate the development of competencies required for success in all academic areas and in real-world contexts. The curriculum relates closely to understandings and competencies students will need as their world expands and as they develop career interests. The four broad areas included in this curriculum are technology, career exploration, personal financial responsibility, and basic business (business communications, marketing, and entrepreneurship). The domains and standards for each area provide many opportunities to engage students in learning essential business content and in applying technology as a tool. This approach is in keeping with the National Education Technology Standards (NETS) approach, which places heavy emphasis on integrating technology into the curriculum. Along with the current academic standards for this subject, the Science/Technical Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

0488.68: INTRODUCTION TO NETWORKING

Grade Offered: 8

Duration: 1 semester

Course Fees:

Middle level computer science builds upon the computer science standards for grade bands kindergarten to grade 2 and grade 3 to grade 5, incorporates the computer science standards for grade band grade six to grade eight, and helps to provide a seamless transition to introductory high school coursework. The standards focus on Indiana's Five Core Computer Science Concepts: Data and Information, Computing Devices and Systems, Programs and Algorithms, Networking and Communication, and Impact and Culture. Focusing on these domains offers students the opportunity to experience and apply a variety of computer science concepts in order to build a solid foundation for more advanced and specialized studies. Recommended for grades six through eight. No required prerequisites

4540: PERSONAL FINANCIAL RESPONSIBILITY

Grade Offered: 12

Duration: 1 semester / 1 credit

Prerequisite: none

Course Credit Type: Core Grade Level; Elective

Course Fees:

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.

5914: MARKETING FUNDAMENTALS

DUAL CREDIT: MKTG 101 & 102 - Ivy Tech Community College of Indiana

Grade Offered: 10 - 12

Duration: 2 semester course / 2 credits

Prerequisites: Introduction to Business / Teacher approval

Course Credit Type: Elective

Course Fees:

Marketing Fundamentals provides a basic introduction to the scope and importance of marketing in the global economy. Emphasis is placed on oral and written communications, mathematical applications, problem-solving, and critical thinking skills as they relate to advertising/promotion/selling, distribution, financing, marketing-information management, pricing, and product/service management.

5918: STRATEGIC MARKETING

DUAL CREDIT: MKTG 201&230) - Ivy Tech Community College of Indiana

Grade Offered: 11 - 12

Duration: 2 semester course / 2 - 4 credits

Prerequisites: Principles of Marketing / Teacher approval

Course Credit Type: Elective

Course Fees:

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.

4803: INTRODUCTION TO COMPUTER SCIENCE

Grade Offered: 10

Duration: 1 semester / 1 credit

Prerequisite: none

Course Credit Type: Core Grade Level; Elective

Course Fee:

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.

4801: COMPUTER SCIENCE I**Grade Offered: 10 - 12****Duration: 2 semesters / 2 credits****Prerequisite: none****Course Credit Type: Elective; Science****Course Fee:**

Computer Science I introduces the structured techniques necessary for efficient solution of business-related computer programming logic problems and coding solutions into a high-level language. The fundamental concepts of programming are provided through explanations and effects of commands and hands-on utilization of lab equipment to produce accurate outputs. Topics include program flowcharting, pseudocoding, and hierarchy charts as a means of solving problems. The course covers creating file layouts, print charts, program review, flowcharting, input/output techniques, looping, modules, selection structures, file handling, control breaks, and offers students an opportunity to apply skills in a laboratory environment.

5230: INFORMATION TECHNOLOGY SUPPORT (COMPUTER TECH SUPPORT)**Grade Offered: 10 - 12****Duration: 2 semesters / 2 - 6 credits****Prerequisite: none / Teacher approval****Course Credit Type: Elective****Course Fees:**

Information Technology Support allows students to explore how computers work. Students learn the functionality of hardware and software components as well as suggested best practices in maintenance and safety issues. Through hands-on activities and labs, students learn how to assemble and configure a computer, install operating systems and software, and troubleshoot hardware and software problems.

5234: NETWORKING I**DUAL CREDIT: ITSP 132 and INFEM 109 - Ivy Tech Community College of Indiana****Grade Offered: 11 - 12****Durations: 2 semesters / 2 - 6 credits****Prerequisite: Computer Science I / Teacher approval****Course Credit Type: Elective****Course Fees:**

Networking I introduces students to local and wide area networks, home networking, networking standards using the IEEE/OSI Model, network protocols, transmission media and network architecture/topologies. Security and data integrity are introduced and emphasized throughout this course, which offers students the critical information needed to successfully move into a role as an IT professional supporting networked computers. Concepts covered will include TCP/IP protocol, managing network clients, configuring routers and hubs, as well as creating a wireless LAN.

4562: PRINCIPLES OF BUSINESS MANAGEMENT**DUAL CREDIT: BUSN101 & CINS101) - Ivy Tech Community College of Indiana****Grade Offered: 9-12****Duration: 2 semesters / 2 credits****Prerequisite: none****Course Credit Type: Elective****Course Fees:**

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.

7183: PRINCIPLES OF COMPUTING**Grade Offered: 9-12****Duration: 2 semesters / 2 credits****Prerequisite: none****Course Credit Type: Elective****Course Fees:**

Principles of Computing provides students the opportunity to explore how computers can be used in a wide variety of settings. The course will begin by exploring trends of computing and the necessary skills to implement information systems. Topics include operating systems, database technology, cybersecurity, cloud implementations and other concepts associated with applying the principles of good information management to the organization. Students will also have the opportunity to utilize basic programming skills to develop scripts designed to solve problems. Students will learn about algorithms, logic development and flowcharting.

FAMILY AND CONSUMER SCIENCES

0493.68: COLLEGE AND CAREER EXPLORATION

Grade Offered: 8

Duration: 9 wks

Course Credit Type: 8th grade 9-week rotation

Course Fees:

Exploring College and Careers provides students opportunities to explore their personal goals, interests, and aptitudes as they relate to career concepts, including the 16 national career clusters and Indiana's College and Career Pathways, and determine what they want and expect for their future. Students learn about various traditional and nontraditional careers and gain an awareness of the level of education and type of training needed for a variety of careers and occupations. Students build good study habits, expand their technology skills, develop or update their graduation plans, and complete a college and career readiness exam. Virtual and real life opportunities are provided for students to observe and explore various careers. Along with the current academic standards for this subject, the Science/Technical Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

0492.68: FAMILY AND CONSUMER SCIENCES, MIDDLE LEVEL

Grade Offered: 7-8

Duration: 1 semester

Course Fees:

Family and Consumer Sciences, Middle Level (FACS) prepares students to begin their journey toward becoming independent, productive citizens. The middle school curriculum includes standards for five units of study that are essential for ALL students: Life and Careers, Financial Literacy, Nutrition and Wellness, Human Development, and Relationships. Family and Consumer Sciences (FACS), Middle Level prepares students to acquire personal skills and plan ways to transfer those skills to the workplace; investigate and assume appropriate individual and family roles; understand and apply concepts of balancing work and family; and acquire skills and attitudes that lead them to contribute to the good of the community and society. FACS curriculum includes acquisition of problem-solving, decision-making, higher-order thinking, communication, literacy, and numerical skills in applied community, work, and family contexts. Along with the current academic standards for this subject, the Science/Technical Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

7173: PRINCIPLES OF CULINARY AND HOSPITALITY

Grade Offered: 9 - 12

Duration: 2 semesters / 2 credits

Prerequisite: none

Course Credit Type: Elective

Course Fees: Lab Fee of \$25 per semester to be collected by the teacher

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.

7171: NUTRITION

Grade Offered: 10 - 12

Duration: 2 semesters / 2 credits

Prerequisite: Principles of Culinary & Hospitality; must be taken in tandem with Hospitality Mgmt.

Course Credit Type: Elective

Course Fees:

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.

7172: HOSPITALITY MANAGEMENT

Grade Offered: 10 - 12

Duration: 2 semesters / 2 credits

Prerequisite: Principles of Culinary & Hospitality; must be taken in tandem with Nutrition.

Course Credit Type: Elective

Course Fees:

Hospitality Management prepares students for employment in the hospitality industry. It provides the foundations for study in higher education that leads to a full spectrum of hospitality careers. This is a broad-based course that introduces students to all segments of hospitality, what it includes, and career opportunities that are available; provides a survey of management functions, highlighting basic theories and facts; and exposes students to current trends and current events within the industry. Three major goals of this course are for students to be able to identify current trends in hotel and restaurant management, distinguish the difference between hospitality and tourism, and state differences in front of the house versus back of the house.

FINE ARTS – MUSIC

0442.68:BAND I AND BAND II, MIDDLE LEVEL

Grade Offered: 7 - 8

Duration: 2 semesters

Course Credit Type: Performing

Course Fees:

Instrumental Music, Middle Level is based on the Indiana Academic Standards for Music and provides students the opportunity to apply knowledge and skills learned in the elementary music curriculum by beginning or continuing to play an instrument. The instrumental classes provide instruction in any of the following areas: strings, woodwinds, brass, percussion, guitar, and keyboard instruments, including electronic instruments. Ensemble and solo activities are designed for students to develop basic elements of musicianship including tone production, technical skills, and intonation. Activities include improvising; composing; reading, notating, and sight-reading music; listening; analyzing; evaluating; and experiencing historically significant styles of literature. Students are given opportunities to participate in performances outside of the school day that support and extend the learning in the classroom. Along with the current academic standards, the Science/Technical Studies Content Area Literacy Standards are incorporated in the teaching of this subject with the expectation of a continuum of reading and writing skills development.

0444.68: VOCAL MUSIC, MIDDLE LEVEL

Grade Offered: 7 - 8

Duration: 1 or 2 semesters

Course Credit Type: Performing

Course Fees:

Vocal Music, Middle Level is based on the Indiana Academic Standards for Music and provides students the opportunity to apply knowledge and skills learned in the elementary music curriculum by participating in choral ensemble classes. Ensemble classes provide group and solo activities and are designed to develop students' musicianship including vocal production, technical skills, and intonation. Activities and experiences include improvising and composing music; listening to, analyzing, and evaluating music; and performing vocal literature of various styles, historical periods, and world cultures. Students also participate in performance opportunities outside of the school day that support and extend the learning in the classroom. Along with the current academic standards, the Science/Technical Studies Content Area Literacy Standards are incorporated in the teaching of this subject with the expectation of a continuum of reading and writing skills development.

4186: INTERMEDIATE CHORUS**Grade Offered: 9 - 12****Duration: 2 semesters / 2 credits****Prerequisite: none****Course Credit Type: Elective; Fine Arts****Course Fees:**

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. 197 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.

4164: JAZZ ENSEMBLE**Grade Offered: 9 - 12****Duration: 2 semesters / 2 credits****Prerequisite: none****Course Credit Type: Elective; Fine Arts****Course Fees:**

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.

4168: INTERMEDIATE CONCERT BAND**Grade Offered: 9 - 12****Duration: 2 semesters / 2 credits****Prerequisite: Junior High Band****Course Credit Type: Elective; Fine Arts****Course Fees:**

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.

FINE ARTS – VISUAL

0410.07&0410.08: ART I AND ART 2 MIDDLE LEVEL

Grade Offered: 7 - 8

Duration: 1 semester

Course Credit Type: 7th and 8th Grade Semester Rotation

Course Fees:

Visual Art, Middle Level is based on the Indiana Academic Standards for Visual Arts. Students in the middle level program build on the sequential learning experiences of the elementary program that encompass art history, criticism, aesthetics, and production. Through self-reflection, including dialogue, reading, and writing, students analyze each component of their arts education as well as their own personal growth. Throughout the program, students engage in various forms of communication, utilizing a rich vocabulary and a variety of technological resources. Students continue to utilize their art knowledge and skills to make connections across the curriculum, study career options, and identify skills required for those careers. Additionally, students identify how to utilize resources of the arts community as well as how they can support the arts community. Along with the current academic standards, the Science/Technical Studies Content Area Literacy Standards are incorporated in the teaching of this subject with the expectation of a continuum of reading and writing skills development.

4000: INTRODUCTION TO TWO DIMENSIONAL ART

Grade Offered: 9 - 12

Duration: 1 semester / 1 credit

Prerequisite: none

Course Credit Type: Elective; Fine Arts

Course Fees: \$5 fee collected by teacher

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.

4003: INTRODUCTION TO THREE DIMENSIONAL ART

Grade Offered: 9 - 12

Duration: 1 semester / 1 credit

Prerequisite: none

Course Credit Type: Elective; Fine Arts

Course Fees: \$5 fee collected by teacher

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.

4024: ART HISTORY

Grade Offered: 9 - 12

Duration: 1 semester / 1 credit

Prerequisite: none

Course Credit Type: Elective; Fine Arts

Course Fees:

Art History is a course based on the Indiana Academic Standards for Visual Art. Students taking Art History engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production. Students study works of art and artifacts from world cultures, engage in historically relevant studio activities; utilize research skills to discover social, political, economic, technological, environmental, and historical trends and connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art-related careers.

4060: DRAWING I

Grade Offered: 9 - 12

Duration: 1 semester / 1 credit

Prerequisite: Intro to Two-Dimensional Art

Course Credit Type: Elective; Fine Arts

Course Fees:

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.

Materials: Students must have the following: #2, 2B, 4B, 6B 2H 4H, and Ebony pencils, hand-held metal pencil sharpener, gum eraser, kneaded eraser and mailing tube.

4060: ADVANCED DRAWING 2, 3, 4 & 5

Grade Offered: 10 - 12

Duration: 1 semester / 1 credit

Prerequisite: Drawing I

Course Credit Type: Elective; Fine Arts

Course Fees:

Advanced Drawing builds on the sequential learning experiences that encompass art history, art criticism, aesthetics, and production that lead to the creation of portfolio quality works. This course allows for the expanded use of a variety of media such as pencil, colored pencil, chalk, pastels, charcoal, and pen and ink. Students at this level produce works for their portfolios which demonstrate the exploration of a variety of ideas and problems at an advanced level. Students will concentrate on understanding and manipulating the two-dimensional surfaces through a series of structured drawing problems, including still life as well as environmental. Shape, form, line, surface, value, and texture are investigated with a variety of media, including pencil, charcoal, ink, wash and colored pencil. With the introduction of different kinds of media, students will be given the opportunity to examine how these mediums react with different kinds of paper. Figure/ground spatial relationships, compositional dynamics and realistic rendering of objects are emphasized.

Materials: Students must have the following: #2, 2B, 4B, 6B 2H 4H, and Ebony pencils, Crayola colored pencil set of 50 pencils (minimum requirement), 12" x 18" sketchbook, hand-held metal pencil sharpener, gum eraser, kneaded eraser and mailing tube.

4046: FIBER ARTS

Grade Offered: 10 - 12

Duration: 1 semester / 1 credit

Prerequisite: Intro to Two-Dimensional Art and Drawing

Course Credit Type: Elective; Fine Arts

Course Fees: \$35 fee collected by teacher

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

4064: PAINTING I**Grade Offered: 10 - 12****Duration: 1 semester / 1 credit****Prerequisite: Intro to Two-Dimensional Art and Drawing****Course Credit Type: Elective; Fine Arts****Course Fees: \$35 fee collected by teacher**

Painting is an art class that engages students in sequential learning experiences that encompass art history, art criticism, aesthetics, and production that lead to the creation of portfolio quality works. Students will create works with various water-based paints in a study of compositions and color mixing. Different sized formats and surfaces will be used while students study famous artists and their particular painting techniques. Emphasis will be primarily on watercolors and watercolor pencils; however, other forms of painting mediums will be introduced as time permits. A strong drawing background will be very helpful in this course as they focus on the realistic rendering of objects.

4064: ADVANCED PAINTING 2, 3, 4, & 5**Grade Offered: 10 - 12****Duration: 1 semester / 1 credit****Prerequisite: Painting I****Course Credit Type: Elective; Fine Arts****Course Fees: \$35 fee collected by teacher**

Advanced Painting builds on the sequential learning experiences that encompass art history, art criticism, aesthetics, and production that lead to the creation of portfolio quality works. This class provides students with an exploration and understanding of paint and the painted image. Students will become familiar with painting through a variety of assignments with color, surface, space, volume and illusion. Still life, room environments, landscape and photos taken by the student will provide the basis of this exploration. Students will use a variety of materials such as mixed media, watercolor, oils and acrylics.

4062: PHOTOGRAPHY I**Grade offered: 10 - 12****Duration: 1 semester / 1 credit****Prerequisite: Intro to Two-Dimensional Art****Course Credit Type: Elective; Fine Arts****Course Fees: \$10 fee collected by teacher**

Photography is a course based on the Indiana Academic Standards for Visual Art. Students in photography engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works, creating photographs, films, and videos utilizing a variety of digital tools and darkroom 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. 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

4062: ADVANCED PHOTOGRAPHY 2 & 3

Grade offered: 10 - 12

Duration: 1 semester / 1 credit

Prerequisite: Photography I and Digital Design

Course Credit Type: Elective; Fine Arts

Course Fees: \$10 fee collected by teacher

Photography is a course based on the Indiana Academic Standards for Visual Art. Students in photography engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works, creating photographs, films, and videos utilizing a variety of digital tools and darkroom 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. 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.

4040: CERAMICS

Grade Offered: 10 - 12

Duration: 1 semester/1 credit

Prerequisite: Intro to Two-Dimensional Art and Drawing I

Course Credit Type: Elective; Fine Arts

Course Fees: \$30 fee collected by teacher

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. This course introduces students to the basic fundamentals of working with three-dimensional form in clay. Students will produce functional and sculptural pieces. Students will create works in clay utilizing the processes of hand building, molds, wheel throwing, slip and glaze techniques as well as the firing processes.

4040: ADVANCED CERAMICS

Grade Offered: 10 - 12

Duration: 1 semester/1 credit

Prerequisite: Ceramics I

Course Credit Type: Elective; Fine Arts

Course Fees: \$30 fee collected by teacher

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. This course introduces students to the basic fundamentals of working with three-dimensional form in clay. Students will produce functional and sculptural pieces. Students will create works in clay utilizing the processes of hand building, molds, wheel throwing, slip and glaze techniques as

well as the firing processes.

4044: SCULPTURE (Stained Glass)

Grade Offered: 10 - 12

Duration: 1 semester/1 credit

Prerequisite: Intro to Two-Dimensional Art and Drawing I

Course Credit Type: Elective; Fine Arts

Course Fees: \$35 fee collected by teacher

Sculpture students engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. Students will be given the opportunity to demonstrate the use of design elements in a three-dimensional form. A variety of media and techniques will be used including modeling, construction, pattern making, texture/color studies, and assemblage.

4044: ADVANCED SCULPTURE (Stained Glass)

Grade Offered: 10 - 12

Duration: 1 semester/1 credit

Prerequisite: Sculpture

Course Credit Type: Elective; Fine Arts

Course Fees:

Students in this class will build on the sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. Students will be exposed to a variety of techniques including creating realistic and abstract sculptures utilizing subtractive and additive processes of carving, casting, assemblage, carving and modeling. This class is designed to develop the student's understanding of three-dimensional form and its relationship to space. Students through direct observation will investigate aspects of shape, line, symmetry, balance, surface, media and other phenomena of the three-dimensional form. Students will explore the behavior of, and experiment with traditional and contemporary sculpting materials such as paper, wood, metal, glass and found objects.

4082: DIGITAL DESIGN

Grade Offered: 10 - 12

Duration: 1 semester/1 credit

Prerequisite: Introduction to Two-Dimensional Art and Drawing I

Course Credit Type: Elective; Fine Arts

Certification: Adobe Certified Associate - Photoshop

Course Fees: \$10 fee collected by teacher

Computer Graphic students engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. Students will be given the opportunity to explore CorelDRAW 8 and Adobe Photoshop. The graphics will become an asset in portfolio development.

4082: ADVANCED DIGITAL DESIGN

Grade Offered: 10 - 12

Duration: 1 semester/1 credit

Prerequisite: Digital Design

Class Credit Type: Elective; Fine Arts

Certification: Adobe Certified Associate - InDesign or Illustrator

Course Fees: \$10 fee collected by teacher

Students in this class build on the sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. Students create computer generated graphics incorporating desktop publishing, multimedia, digitized imagery, computer animation, and Web page design. Students will develop their skills with a series of individual projects using “paint” and digitizing software. With the use of software, students will create small press works and will learn to combine text files and images to create cohesive, well-designed material. Involvement with the computer will take place on two levels: as a tool facilitating the conceptual design processes and as a powerful imaging medium. Color images, scanning, CD-ROM technology, digital camera and input devices will be explored. Image enhancement and manipulation will be done with the Adobe Photoshop software. Students will build on their explorations of CorelDRAW 8, Corel PHOTO- PAINT 8 and gain control in the use of various applicable software including Adobe Photoshop 6.0. The graphics will become an asset in portfolio development.

4004: ADVANCED TWO DIMENSIONAL ART (PORTFOLIO)

Grade Offered: 12

Duration: 2 semesters / 2 credits

Prerequisite: Drawing I, Advanced Drawing, Painting, Ceramics, Photography, Advanced Photography, Digital Design, Advanced Digital Design

Course Credit Type: Elective; Fine Arts

Course Fees:

Advanced Two Dimensional Art: Studio Art, – Drawing Portfolio is designed to address a very broad interpretation of drawing issues and media. Light and shade, line quality, rendering of form, composition, surface manipulation, and illusion of depth are drawing issues that can be addressed through a variety of means, which could include painting, printmaking, mixed media, etc. Abstract, observational, and inventive works may demonstrate drawing competence. Any work that makes use of (appropriate) other artists’ works (including photographs) and/or published images must show substantial and significant development beyond duplication. This is demonstrated through manipulation of the formal qualities, design, and/or concept of the source.

FOREIGN LANGUAGE

0402.68: SPANISH 8

Grade Offered: 8

Duration: 1 semester

Prerequisite: None

Course Credit Type: 8th Grade Semester Rotation

Course Fees:

Middle Level, World Languages, based on Indiana's Academic Standards for World Languages, follows one of two sequences of standards: those for a program beginning at the middle level, or those for a middle level program that is a continuation of an elementary program and focuses on friends and all things social, taking into account adolescents' interest in friendship and social activities. Students will continue to improve both productive and receptive language skills, and their educational background and cognitive development allows them to expand their understanding of structural differences between languages as well as gain a more in-depth cultural awareness. Students beginning study at this grade level should be directed to vocabulary and introductory language skills of the previous grade level to allow for personalization of and a strong foundation in the language. Middle Level World Languages is sequential and builds to communicative proficiency in a world language. Along with the current academic standards for this subject, the Science/Technical Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

0402.68: SPANISH 7

Grade Offered: 7

Duration: 1 semester

Prerequisite: None

Course Credit Type: 7th Grade 9 Week Rotation

Course Fees:

Middle Level, World Languages, based on Indiana's Academic Standards for World Languages, follows one of two sequences of standards: those for a program beginning at the middle level, or those for a middle level program that is a continuation of an elementary program and focuses on friends and all things social, taking into account adolescents' interest in friendship and social activities. Students will continue to improve both productive and receptive language skills, and their educational background and cognitive development allows them to expand their understanding of structural differences between languages as well as gain a more in-depth cultural awareness. Students beginning study at this grade level should be directed to vocabulary and introductory language skills of the previous grade level to allow for personalization of and a strong foundation in the language. Middle Level World Languages is sequential and builds to communicative proficiency in a world language. Along with the current academic standards for this subject, the Science/Technical Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

2120: SPANISH I

Grade Offered: 9 - 12 (Grade 8 may take if they earn an A in Honors English 7 and have a recommendation from their Spanish teacher)

Duration: 2 semesters / 2 credits

Prerequisite: None

Course Credit Type: Elective; World Languages

Course Fees:

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.

2122: SPANISH II

Grade Offered: 10 - 12

Duration: 2 semesters / 2 credits

Prerequisite: Spanish I

Course Credit Type: Elective; World Languages

Course Fee:

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 pressing 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.

2124: SPANISH III**DUAL CREDIT: SPAN 101-102 - Vincennes University****Grade Offered: 11 - 12****Duration: 2 semesters / 2 credits****Prerequisite: Spanish II****Course Credit Type: Elective; World Languages; Dual Credit (8 total)****Course Fee: Charged directly to the student by the University. Students may be required to purchase college assigned textbooks.**

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 pressing 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.

2126: SPANISH IV**Grade Offered: 12****Duration: 2 semesters / 2 credits****Prerequisite: Spanish III****Course Credit Type: Elective; World Languages****Course Fee: Lab Fee of \$25 per semester**

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 set 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 an 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 Spanish language and culture in the community and beyond the classroom is explored through the identification and evaluation of resources intended for native Spanish speakers.

LANGUAGE ARTS

0420-07: LANGUAGE ARTS, GRADE 7

Grade Level: 7

Duration: 2 semesters

Course Credit Type: Required

Course Fees:

Language Arts, grade 7, based on Indiana's Academic Standards for English/Language Art, is integrated instruction emphasizing reading, writing, speaking, listening, and media in interest- and age-appropriate content. Students develop advanced skills and strategies in reading. Students understand comparisons, such as analogies and metaphors, and they begin to use their knowledge of roots and word parts to understand science, social studies, 13 Indiana Department of Education Elementary and Middle Level Subject Descriptions and mathematics vocabulary. Students begin to read reviews, as well as critiques of both informational and literary writing. Students read and respond to fiction selections, such as classic and contemporary literature, historical fiction, fantasy or science fiction, mystery or adventure, folklore or mythology, poetry, short stories, and dramas, and nonfiction selections, such as subject area books, biographies or autobiographies, magazines and newspapers, various reference or technical materials, and online information. Students self-select books of interest and read independently for enjoyment. Students develop advanced skills and strategies in language. Using oral discussion, reading, writing, art, music, movement, and drama, students respond to fiction, nonfiction, and informational selections or reality-based experiences, multimedia presentations, and classroom or group experiences. Students write or deliver longer research reports that take a position on a topic, and they support their positions by citing a variety of sources. Students use a variety of sentence structures and modifiers to express their thoughts. Students deliver argumentative presentations that state a clear position in support of an argument or proposal. Students also listen to literature read aloud to them and write independently for enjoyment

0420-08: LANGUAGE ARTS, GRADE 8

Grade Level: 8

Duration: 2 semesters

Course Credit Type: Required

Course Fees:

Language Arts, grade 8, based on Indiana's Academic Standards for English/Language Arts, is integrated instruction emphasizing reading, writing, speaking, listening, and media in interest- and age-appropriate content. Students begin to study the history and development of English vocabulary. Students begin to compare different types of writing as well as different perspectives on similar topics or themes. Students evaluate the logic of informational texts and analyze how literature reflects the backgrounds, attitudes, and beliefs of the authors. Students read and respond to fiction selections, such as classic and contemporary literature, historical fiction, fantasy or science fiction, mystery or adventure, folklore or mythology, poetry, short stories, and dramas, and nonfiction selections, such as subject area books, biographies or autobiographies, magazines and newspapers, various reference or technical materials, and online information. Students self-select books of interest and read independently for enjoyment. Students get ready for the language challenges of high school materials. Using oral discussion, reading, writing, art, music, movement, and drama, students respond to fiction, nonfiction, and informational selections or reality-based experiences, multimedia presentations, and classroom or group

experiences. Students not only write or deliver research reports but also conduct their own research. Students use subordination, coordination, noun phrases and other devices of English language conventions to indicate clearly the relationship between ideas. Students deliver a variety of types of presentations and effectively respond to questions and concerns from the audience. Students also listen to literature read aloud to them and write independently for enjoyment.

0428: LANGUAGE ARTS LAB, MIDDLE LEVEL

Grade Level: 7 - 8

Duration: 1 semester

Prerequisite: Teacher recommendation

Course Credit Type: Skill Support; Elective

Course Fees:

Language Arts Lab is supplemental to language arts to provide students with individualized or small group instruction designed to support success in completing language arts studies aligned with Indiana's Academic Standards for English/Language Arts in grades 6-8.

1012: ENGLISH AS A NEW LANGUAGE, MIDDLE LEVEL

Grade Offered: 7-8

Duration: 2 semesters / 2 credits

Prerequisite: none

Course Credit Type: ELA

Course Fees:

English as a New Language, an integrated English course based on the WIDA English Language Development (ELD) Standards, is the study of language, literature, composition and oral communication for English learners (ELs) so that they improve their proficiency in listening, speaking, reading, writing and comprehension of standard English. Students study English vocabulary used in fictional texts and content-area texts, speak and write English so that they can function within the regular school setting and an English-speaking society, and deliver oral presentations appropriate to their respective levels of English proficiency

1012: ENGLISH AS A NEW LANGUAGE

Grade Offered: 9-12

Duration: 2 semesters / 2 credits

Prerequisite: none

Course Credit Type: ELA

Course Fees:

English as a New Language, an integrated English course based on the WIDA English Language Development (ELD) Standards, is the study of language, literature, composition and oral communication for English learners (ELs) so that they improve their proficiency in listening, speaking, reading, writing and comprehension of standard English. Students study English vocabulary used in fictional texts and content-area texts, speak and write English so that they can function within the regular school setting and an English-speaking society, and deliver oral presentations appropriate to their respective levels of English proficiency

1002: ENGLISH 9 (HONORS ENGLISH 9 placement determined by data)**Grade Offered: 9****Duration: 2 semesters / 2 credits****Prerequisite: none****Course Credit Type: ELA****Course Fees:**

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 persuasive compositions, research reports, business letters, and technical documents. Students deliver grade- appropriate oral presentations and access, analyze, and evaluate online information.

1004: ENGLISH 10 (HONORS ENGLISH 10 placement determined by data)**Grade Offered: 10****Duration: 2 semesters / 2 credits****Prerequisite: English 9 or teacher recommendation****Course Credit Type: ELA****Course Fees:**

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 persuasive compositions, research reports, business letters, and technical documents. Students deliver grade-appropriate oral presentations and access, analyze, and evaluate online information.

1020: ENGLISH 11**Grade Offered: 11****Duration: 2 semester / 2 credits****Prerequisite: English 9, 10 or teacher recommendation****Course Credit Type: ELA****Course Fees:**

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.

1020: HONORS AMERICAN LITERATURE (Placement determined by data)

Grade Offered: 11

Duration: 2 semester / 2 credits

Prerequisite: English 9, 10 or teacher recommendation; DC US History must be taken in tandem with this course as these classes share assignments and curriculum in order to meet standards.

Course Credit Type: ELA

Course Fees:

American Literature, a course based on the Indiana Academic Standards for English/Language Arts, is a study of representative works and authors of the United States. Students read, analyze, evaluate, critique, and actively respond to a wide variety of literary genres that reflect American culture, including quality works of various ethnic and cultural minorities. Students compare readings and media from literature, history, and other subjects by demonstrating how the ideas and concepts presented in the works are interconnected, distinctly American, and important to an understanding of the development of the current culture. Courses can be offered in conjunction with a composition course, or schools may embed Indiana Academic Standards for English/Language Arts writing standards within the American Literature curriculum.

1024: BIOGRAPHIES

Grade Offered: 11 - 12

Duration: 1 semester / 1 credit

Prerequisite: English 9, English 10 and/or teacher recommendation

Course Credit Type: ELA

Course Fees:

Biographies, a course based on the Indiana Academic Standards for English/Language Arts, is a study of outstanding examples of biographical literature from various historical eras, cultures, and authors (both men and women). Students examine autobiographies, legendary narratives of historical figures, and hagiographies (venerated persons). Students analyze works written for different purposes, such as moralistic, inspirational, entertainment, and cautionary. Students analyze the assumptions of the author and the relationship between the author and the subject of the biography in order to determine reliability and validity of the work. Course can be offered in conjunction with a composition course, or schools may embed Indiana Academic Standards for English/Language Arts writing standards within the curriculum

1090: COMPOSITION**Grade Offered: 11 - 12****Duration: 1 semester / 1 credit****Prerequisite: English 9, English 10 and/or teacher recommendation****Course Credit Type: ELA****Course Fee:**

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

1090: COMPOSITION**DUAL CREDIT: W131 - Indiana University or COMM101 - Ivy Tech****Grade Offered: 12 – 1st semester****Duration: 1 semester / 1 credit****Prerequisite: English 9, English 10, and English 11 or equivalent courses****Course Credit Type: ELA; Dual Credit (3 total)****Course Fees: Charged directly to the student by the University. Students may be required to purchase college assigned textbooks.**

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

1034: FILM LITERATURE**Grade Offered: 11 - 12****Duration: 1 semester / 1 credit****Prerequisite: English 9, English 10 and/or teacher recommendation****Course Credit Type: ELA****Course Fee:**

Film Literature, a course based on the Indiana Academic Standards for English/Language Arts, is a study of how literature is adapted for film or media and includes role playing as film directors for selected screen scenes. Students read about the history of film, the reflection or influence of film on the culture, and issues of interpretation, production and adaptation. Students examine the visual interpretation of literary techniques and auditory language in film and the limitations or

special capacities of film versus text to present a literary work. Students analyze how films portray the human condition and the roles of men and women and the various ethnic or cultural minorities in the past and present. Courses can be offered in conjunction with a composition course, or schools may embed Indiana Academic Standards for English/Language Arts writing standards within the curriculum.

1076: SPEECH

Grade Offered: 11 - 12

Duration: 1 semester / 1 credit

Prerequisite: English 9, 10 and/or teacher recommendation

Course Credit Type: ELA

Course Fees:

Speech, a course based on the Indiana Academic Standards for English/Language Arts, is the study and application of the basic principles and techniques of effective oral communication. Students deliver focused and coherent speeches that convey clear messages, using gestures, tone, and vocabulary appropriate to the audience and purpose. Students deliver different types of oral and multimedia presentations, including viewpoint, instructional, demonstration, informative, persuasive, and impromptu. Students use the same Standard English conventions for oral speech that they use in their writing.

1076: SPEECH

DUAL CREDIT: P155 - Indiana University or ENG111 - Ivy Tech

Grade Offered: 12 - 2nd semester

Duration: 1 semester / 1 credit

Prerequisite: English 9, 10 and/or teacher recommendation

Course Credit Type: ELA; Dual Credit (3 total)

Course Fees: Charged directly to the student by the University. Students may be required to purchase college assigned textbooks.

Speech, a course based on the Indiana Academic Standards for English/Language Arts, is the study and application of the basic principles and techniques of effective oral communication. Students deliver focused and coherent speeches that convey clear messages, using gestures, tone, and vocabulary appropriate to the audience and purpose. Students deliver different types of oral and multimedia presentations, including viewpoint, instructional, demonstration, informative, persuasive, and impromptu. Students use the same Standard English conventions for oral speech that they use in their writing.

1086: STUDENT MEDIA (YEARBOOK)**Grade Offered: 10 - 12****Duration: 2 semesters / 2 credits (class must be taken for the full year)****Prerequisite: English 9****Course Credit Type: Elective****Course Fees:**

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 with high school media staff so that they may prepare themselves for career paths in journalism, communications, writing, or related fields.

MATHEMATICS

0430-07: MATHEMATICS, GRADE 7

Grade Offered: 7

Duration: 2 semesters

Course Credit Type: Required

Course Fees:

Mathematics grade 7 standards are made up of five strands: Number Sense; Computation; Algebra and Functions; Geometry and Measurement; and Data Analysis, Statistics, and Probability. The skills listed in each strand indicate what students in grade 7 should know and be able to do in mathematics. Grade 7 continues the trajectory towards a more formalized understanding of mathematics that occurs at the high school level that began in Grade 6. Students extend ratio reasoning to analyze proportional relationships and solve real-world and mathematical problems; extend previous understanding of the number system and operations to perform operations using all rational numbers; apply properties of operations in the context of algebraic expressions and equations; draw, construct, describe, and analyze geometrical figures and the relationships between them; apply understandings of statistical variability and distributions by using random sampling, making inferences, and investigating chance processes and probability models. Using the Process Standards for mathematics in a planned and deliberate method to present the mathematics content standards will prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of the mathematics. Along with the current academic standards, the 30 Indiana Department of Education Elementary and Middle Level Subject Descriptions Science/Technical Studies Content Area Literacy Standards are incorporated in the teaching of this subject with the expectation of a continuum of reading and writing skills development.

0430-08: MATHEMATICS, GRADE 8

Grade Level: 8

Duration: 2 semesters

Course Credit Type: Required

Course Fees:

Mathematics grade 8 standards are made up of five strands: Number Sense; Computation; Algebra and Functions; Geometry and Measurement; and Data Analysis, Statistics, and Probability. The skills listed in each strand indicate what students in grade 8 should know and be able to do in Mathematics. Grade 8 continues the trajectory towards a more formalized understanding of mathematics that occurs at the high school level that was started in grades 6 and 7. Students extend their understanding of rational numbers to develop an understanding of irrational numbers; connect ratio and proportional reasoning to lines and linear functions; define, evaluate, compare, and model with functions; build understanding of congruence and similarity; understand and apply the Pythagorean Theorem; and extend their understanding of statistics and probability by investigating patterns of association in bivariate data. Using the Process Standards for Mathematics in a planned and deliberate method to present the mathematics content standards will prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of the mathematics. Along with the current academic standards, the Science/Technical Studies Content Area Literacy Standards are incorporated in the teaching of this subject with the expectation of a continuum of reading and

writing skills development.

0432: MATHEMATICS LAB, MIDDLE LEVEL

Grade Level: 7 - 8

Duration: 1 semester

Prerequisite: Teacher recommendation

Course Credit Type: Skill Support

Course Fees:

Mathematics Lab provides students with individualized instruction designed to support success in completing mathematics content aligned with Indiana's Academic Standards for Mathematics. Mathematics lab is to be taken in conjunction with the study of mathematics, and the content of Mathematics lab should be tightly aligned to the corresponding content being studied. Mathematics lab should relate and reinforce mathematics skills students have learned previously, fill in gaps and misconceptions of previous content, and present the current content in concrete and hands-on methods.

2516: ALGEBRA I LAB

Grade Offered: 9

Duration: 2 semesters / 2 credits

Prerequisite: Teacher recommendation

Course Credit Type: Skill Support; Elective

Course Fees:

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

2520: ALGEBRA I

Grade Offered: 8 - 12

Duration: 2 semesters / 2 credits

Prerequisite: none

Course Credit Type: Math

Course Fees:

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.

2532: GEOMETRY

Grade Offered: 10 - 12

Duration: 2 semesters / 2 credits

Prerequisite: Algebra 1

Course Credit Type: Math

Course Fees:

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.

2522: ALGEBRA II

Grade Offered: 9 - 12

Duration: 2 semesters / 2 credits

Prerequisite: Algebra 1

Course Credit Type: Math

Course Fees:

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.

2524: ANALYTICAL ALGEBRA II

Grade Offered: 9 - 12

Duration: 2 semesters / 2 credits

Prerequisite: Algebra I

Course Credit Type: Math

Course Fees:

Analytical Algebra II builds on previous work with linear, quadratic and exponential functions and extends to include polynomial, rational, radical, logarithmic, and other functions. Data analysis, statistics, and probability content should be included throughout the course, as students collect and use univariate and bivariate data to create and interpret mathematical models. Additionally, Analytical Algebra II should 254 Indiana Department of Education High School Course Titles and Descriptions focus on the application of mathematics in various disciplines including business, finance, science, career and technical education, and social sciences using technology to model real-world problems with various functions, using and translating between multiple representations. 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. This course is not recommended for students interested in pursuing a STEM degree at a four year institution; this course does not prepare students for PreCalculus/Trigonometry.

2595 PRIME MATH

Grade Offered: 11-12

Duration: 2 semesters /2 credits

Prerequisite: Algebra II

Course Credit Type: Math

Course Fee:

(PRIME) The PRIME Math course utilizes a 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. In order to offer this course, the instructor must have received training by SREB or IDOE. Additionally, the school and the instructor must commit to teaching the PRIME math curriculum with fidelity.

2564: PRE CALCULUS: ALGEBRA**DUAL CREDIT: MATH 136 - Ivy Tech Community College of Indiana****Grade Offered: 11 - 12****Duration: 1 semester / 1 credit****Prerequisite: Geometry and Algebra II****Course Credit Type: Math; Dual Credit (3 total)****Course Fees:**

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

2566: PRE-CALCULUS: TRIGONOMETRY**DUAL CREDIT: MATH 137 - Ivy Tech Community College of Indiana****Grade Offered: 11 - 12****Duration: 1 semester/1 credit****Prerequisite: Geometry and Algebra II****Course Credit Type: Math; Dual Credit (3 total)****Course Fees:**

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 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 eight Process Standards for Mathematics apply throughout the course. 262 Indiana Department of Education High School Course Titles and Descriptions 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.

2546: PRE-CALCULUS**Grade Offered: 11-12****Duration: 1 semesters / 1 credits****Prerequisite: Algebra II****Course Credit Type: Math****Course Fee:**

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.

2562: AP CALCULUS AB**Grade Offered: 12****Duration: 2 semesters / 2 credits****Prerequisite: Pre-Calculus and Trigonometry****Course Type: Math**

AP Calculus AB 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 AB is equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. This course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. 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.

MULTIDISCIPLINARY

0500: BASIC SKILLS

Grade Offered: 9 - 12

Duration: 1 semester / 1 credit

Prerequisite: None

Course Credit Type: Elective

Course Fee:

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

5976 Education and Training: Special Topics ET ST Education and Training

Grade Offered: 11,12

Duration: 3 periods/3 credits

Prerequisite: Teacher Recommendation

Course Type: Elective

Course Fees: none

Special Topics is an extended learning experience designed to address the advancement and specialization of careers within the career cluster through the provision of a specialized course for a specific workforce in the school's region. The learning experience is at a qualified site, and is designed to give the student the opportunity to practice technical skills previously learned in the classroom all while working under the direction of the appropriately licensed professional. Throughout the course, students will focus on learning about employment opportunities at a variety of entry levels, an overview of the career cluster, teams, and legal and ethical considerations; and obtaining the knowledge, skills and attitudes essential for success in specific occupations. Course standards and curriculum must be tailored to the specific profession, preparing students to advance in this career field, and where applicable, provide students with opportunities for certification or dual credit. This course also provides students with the knowledge, attitudes, and skills needed to make the transition from high school, to post-secondary opportunities, and to work in a variety of careers. Students are High School Course Titles and Descriptions 2022-2023 298 encouraged to focus on self-analysis to aid in their career selection. Job seeking and job maintenance skills, personal management skills, and completion of the application process for admission into a post-secondary program are also areas of focus. Participation in a related CTSO encourages the development of leadership, communication and career related skills, and opportunities for community service.

0520: PEER TUTORING**Grade Offered: 11 - 12****Duration: 1 semester / 1 credit****Prerequisite: Advanced Approval Required****Course Credit Type: Elective****Course Fee:**

Peer Tutoring provides high school students with an organized exploratory experience to assist students in grade nine through grade twelve (9-12), through a helping relationship, with their studies and personal growth and development. The course provides opportunities for the students taking the course to develop a basic understanding of individual differences and to explore career options in related fields. Peer Tutoring experiences are preplanned by the teacher trainer and any cooperating teacher under whom the tutoring is to be provided. It must be conducted under the supervision of a licensed teacher. The course provides a balance of class work relating to the development of and use of: (1) listening skills, (2) communication skills, (3) facilitation skills, (4) decision-making skills, and (5) teaching strategies. This class may be used to meet bucket 2 of the Indiana Graduation Pathway: Project Based Learning. Additional assignments will be required.

5408: EDUCATION PROFESSIONS I**Grade Offered: 11 - 12****Duration: 2 semesters / 2 - 6 credits****Prerequisites: none****Course Credit Type: Elective****Course Fee:**

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. Students are monitored in their field experiences by the Education Professionals I teacher. Articulation with post-secondary programs is encouraged.

IUK TOMORROW'S TEACHER PROGRAM DUAL CREDIT PROGRAM

Crosswalks with the Education Careers Pathways for 12 College Credits

Grade Offered: 11 - 12

Duration: 2 semester / 2 credit

Prerequisite: Advanced Approval Required

Course Credit Type: Elective

Course Fee:

The Tomorrow's Teachers: Growing Our Own program at Indiana University Kokomo is designed to identify, encourage, and prepare individuals in one's local community who are interested in becoming an educator or educational professional. This program is based on a Grown Your Own (GYO) approach and only works through great partnerships. The IU Kokomo School of Education and local school districts work together to create a pipeline of future educators that will meet local school staffing needs and shortages. Here is a link with more information: <https://www.iuk.edu/education/tomorrow-teachers.html>

7161: PRINCIPLES OF TEACHING

Grade Offered: 9 - 12

Duration: 2 semesters / 2 credits

Prerequisite: none

Course Credit Type: Elective

Course Fees:

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.

Pathways Completion Courses for Employability Skills

0547 PROJECT BASED LEARNING

Grade Offered: 9-12

Credits: 0

Prerequisite: none

Course Credit Type: None - qualifies as the employability skills requirement for all diplomas.

Course Fees:

Project-based learning allows students to gain knowledge and skills by working for an extended period of time to investigate and respond to an authentic, engaging and complex question, problem, or challenge. The project is framed by a meaningful problem to solve or a question to answer, at the appropriate level of challenge. Students engage in a rigorous, extended process of asking questions, finding resources, and applying information. Students often make their project work public by explaining, displaying and/or presenting it to people beyond the classroom. This course code should be used to denote completion of the Graduation Pathways Employability Skills experience.

0539 SERVICE BASED LEARNING

Grade Offered: 9-12

Credits: 0

Prerequisite: none

Course Credit Type: None - qualifies as the employability skills requirement for all diplomas.

Course Fees:

Service-based learning integrates meaningful service to enrich and apply academic knowledge, teach civic and personal responsibility (and other employability skills), and strengthen communities. SBL can be classified by three core indicators: • Integrating academic study with service experience; • Reflecting larger social, economic, and societal issues; and • Collaborative efforts between students, schools, and community partners This course code should be used to denote completion of the Graduation Pathways Employability Skills experience.

0543 WORK BASED LEARNING

Grade Offered: 9-12

Credits: 0

Prerequisite: none

Course Credit Type: None - qualifies as the employability skills requirement for all diplomas.

Course Fees:

This course code should be used to denote completion of the Graduation Pathways Employability Skills experience.

Work-based learning (WBL) is a strategy to reinforce academic, technical, and social skills

learned in the classroom through collaborative activities with employer partners. Work-based learning experiences allow students to apply classroom theories to practical problems, to explore career options, and pursue personal and professional goals. WBL includes activities that can occur in workplaces or school-based enterprises and involve an employer assigning a student meaningful job tasks to develop his or her skills, knowledge, and readiness for work. It supports entry or advancement in a career field and can serve as the culminating course or event in a student's chosen career pathway. Through WBL, students have the opportunity to apply the concepts, skills, and dispositions learned in previous coursework in real world settings.

PHYSICAL EDUCATION/HEALTH

0452-07: HEALTH and WELLNESS, GRADE 7

Grade Offered: 7

Duration: 1 semester

Course Credit Type: 7th Grade Semester Rotation

Course Fees:

Health and Wellness, grade 7 provides for the continued development of attitudes and behaviors related to becoming a health-literate individual as part of a planned, sequential, comprehensive health education curriculum that uses the Indiana Academic Standards for Health and Wellness to support student development of essential health skills within the ten health content areas. In grade seven, students focus on continued skill development and more opportunities for analyzing, modeling, and applying skills that will assist in building 25 Indiana Department of Education Elementary and Middle Level Subject Descriptions competencies for health literacy. These may include decision-making skills, stress management skills, communication skills, social skills, and assertiveness skills. Developmentally appropriate concepts of personal and community health; safety and injury prevention; nutrition and physical activity; mental health; alcohol, tobacco and other drug use; and family life and human sexuality are areas used for skill development. The adolescent student has instructional opportunities to investigate how health behaviors impact health, well-being, and disease prevention and to accept personal responsibility for health-related decisions. Along with the current academic standards for this subject, the Science/Technical Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development

0452-08: HEALTH and WELLNESS, GRADE 8

Grade Offered: 8

Duration: 1 semester

Course Credit Type: 8th Grade Semester Rotation

Course Fees:

Health and Wellness, grade 8 provides for the continued development of attitudes and behaviors related to becoming a health-literate individual as part of a planned, sequential, comprehensive health education curriculum that uses the Indiana Academic Standards for Health and Wellness to support student development of essential health skills within the ten health content areas. In grade eight, students focus on continued skill development and more opportunities for analyzing, modeling, and applying skills that will assist in building competencies for health literacy. Students apply health education concepts and health literacy skills, e.g., practicing interpersonal communications that promote health; analyzing positive and negative, internal and external influences on health decisions; and demonstrating self-care practices in managing personal daily activities. Developmentally appropriate concepts of personal and community health; safety and injury prevention; nutrition and physical activity; mental health; alcohol, tobacco and other drug use; and family life and human sexuality are areas used for skill development. The adolescent student has instructional opportunities to investigate how health behaviors impact health, well-being, and disease prevention and to accept personal responsibility for health-related decisions. Along with the current academic standards for this subject, the Science/Technical Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

0500.58: BASIC SKILLS DEVELOPMENT (SOCIAL EMOTIONAL LEARNING)

Grade Offered: 7

Duration: 9 weeks

Course Credit Type: 7th Grade 9-Week Rotation

Course Fees:

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. Basic Skills Development should not take the place of general education courses for students with IEPs, and whenever possible, students should be scheduled into general education classes with the opportunity to access grade-level standards.

3506: HEALTH AND WELLNESS EDUCATION

Grade Offered: 9 - 12

Duration: 1 semester / 1 credit

Prerequisite: none

Course Credit Type: Health and Wellness

Course Fees:

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.

3500: ADVANCED HEALTH EDUCATION

Grade Offered: 10 - 12

Duration: 1 semester/1 credit

Prerequisite: Health & Wellness

Course Credit Type: Elective

Course Fee:

Advanced Health and Wellness, an elective course that is aligned to Indiana's Academic Standards for Health and Wellness, provides advanced knowledge and skills to help students adopt and maintain healthy behaviors. Through a variety of instructional strategies, students practice the development of functional advanced health information (essential concepts); determine personal values that support health behaviors; develop group norms that value a healthy lifestyle; develop the essential skills necessary to adopt, practice, and maintain health enhancing behaviors. Advanced Health and Wellness provides students with an in-depth study of promoting personal health and wellness, physical activity, healthy eating; promoting safety and preventing unintentional injury and violence; promoting mental and emotional health, a tobacco, alcohol, and other drug-free lifestyle; and promoting human development and family health. The scientific components of health and wellness, health issues and concerns, health risk appraisals, individual wellness plans, health promotion and health careers are expanded and explored within the context of the course. This course provides students with the advanced knowledge and skills of health and wellness core concepts, analyzing influences, accessing information, interpersonal communication, decision-making and goal-setting skills, health enhancing behaviors, and health and wellness advocacy skills.

3560: ELECTIVE PHYSICAL EDUCATION IHSA OFFICIATING 101

Grade Offered: 10 - 12

Duration: 1 semester / 1 credit can be taken multiple times for additional licensing

Prerequisites: Physical Education I and II; GPA of 2.5 or higher

Course Credit Type: Elective

Course Fee: \$55 Covered by the Athletic Department

Students in this course will learn the rules, mechanics, and procedures of officiating IHSA sanctioned sports offered at Madison-Grant Jr/Sr High School. Students will learn the rules of each sport in the classroom and the mechanics and procedures of officiating on the court/field. Rules will be taught for each specific sport as in accordance with the NFHS rule and case books. Students will learn proper mechanics and management of game situations through on court/field experiences during scrimmages, practices, and contests. Students will then have the opportunity to work as an official for middle school and junior high contests to build experience and skills. Students will learn to officiate each sport in the season prior. For example, students will learn to officiate winter and spring sports in the fall semester and learn to officiate fall sports in the spring semester.

Sports Taught:

Fall Semester: Basketball, Baseball, Softball, Track and Field, Wrestling

Spring Semester: Volleyball, Football, Cross Country

3560: ELECTIVE PHYSICAL EDUCATION (WEIGHTS)**Grade Offered: 10 - 12****Duration: 1 semester / 1 credit****Prerequisites: Physical Education I and II****Course Credit Type: Elective****Course Fee:**

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 cardiorespiratory 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.

3542: PHYSICAL EDUCATION I**Grade Offered: 9****Duration: 1 semester / 1 credit****Prerequisite: none****Course Credit Type: Physical Education****Course Fees:**

Physical Education I continues the emphasis on health-related fitness and developing the skills and habits necessary for a lifetime of activity. This program includes skill development and the application of rules and strategies of complex difficulty in at least three of the following different movement forms: (1) health-related fitness activities (cardio-respiratory endurance, muscular strength and endurance, flexibility, and body composition), (2) aerobic exercise, (3) team sports, (4) individual and dual sports, (5) gymnastics, (6) outdoor pursuits, (7) self-defense, (8) aquatics, (9) dance, and (10) recreational games. Ongoing assessment includes both written and performance-based skill evaluations.

3544: PHYSICAL EDUCATION II**Grade Offered: 9****Duration: 1 semester/1 credit****Prerequisite: Physical Education I****Course Credit Type: Physical Education****Course Fees:**

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.

SCIENCE

0490.68: STEM, GRADE

Grade Offered: 7-8

Duration: 1 Semester

Course Fees:

STEM, Engineering and Technology Education, provides students with hands-on, problem-based learning opportunities to develop, produce, use, and assess products related to engineering and technology. Students additionally develop individual and teamwork skills to participate in society and the workplace.

0490.68: MEDICAL DETECTIVE; PROJECT LEAD THE WAY

Grade Offered: 7

Duration: 9 weeks

Course Credit Type: 7th grade 9-week rotation

Course Fees:

Students play the role of real-life medical detectives as they collect and analyze medical data to diagnose disease. They solve medical mysteries through hands-on projects and labs, measure and interpret vital signs, examine nervous system structure and function, investigate disease outbreaks, and explore how a breakdown within the human body can lead to dysfunction.

0460-07: SCIENCE, GRADE 7

Grade Offered: 7

Duration: 2 semesters

Course Credit Type: Required

Course Fees:

Students in grade 7 understand that energy cannot be created or destroyed, but only changed from one form into another or transferred from place to place. Students understand energy in relationship to solids, liquids, gasses and heat transfer. Students describe how earth processes have shaped the topography of the earth and have made it possible to measure geological time. Students understand the natural processes of the earth and understand how the earth is constantly changing. Students understand the cellular structure of living organisms, from single-celled to multicellular. The science and engineering processes as well as engineering opportunities are integrated with content throughout the course. Along with the current academic standards for this subject, the Science/Technical Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

0460-08: SCIENCE, GRADE 8

Grade Level: 8

Duration: 2 semesters

Course Credit Type: Required

Course Fees:

Students in grade 8 understand how atomic structure determines chemical properties and how

atoms and molecules interact. Students explain how the water cycle and air movement are caused by differential heating of air, land, and water and how these affect weather and climate. Students understand that natural and human events change the environmental conditions on the earth. Students understand the predictability of characteristics being passed from parent to offspring. Students will understand how a particular environment selects for traits that increase survival and reproduction by individuals bearing those traits. Students evaluate the evidence of evolution and relationships/categorization among organisms. The science and engineering processes as well as engineering opportunities are integrated with content throughout the course. Along with the current academic standards for this subject, the Science/Technical Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

3024: BIOLOGY I

Grade Offered: 9 (8th grade students may take Biology I if they meet the following criteria:

1. Earned A's in Science 7, English 7, and Math 7; Passed both sections of ILEARN 7, and/or have a teacher recommendation.

Duration: 2 semesters / 2 credits

Prerequisite: none

Course Credit Type: Science

Course Fees:

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 the Science and Engineering Practices (SEPS) and crosscutting concepts.

3026: BIOLOGY II

DUAL CREDIT: BIO101 - Ivy Tech Community College of Indiana

Grade Offered: 11 - 12

Duration: 2 semesters / 2 credits

Prerequisite: Biology I

Course Credit Type: Science; Dual Credit (3 total)

Course Fees:

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.

3020: AP BIOLOGY**Grade Offered: 11 - 12****Duration: 2 semesters / 2 credits****Prerequisite: Biology I, Chemistry I, and Algebra II****Course Credit Type: Science****Course Fees:**

Biology, Advanced Placement is a course based on the content established by the College Board. Topics include: (1) molecules and cells: chemistry of life, cells, cellular energetics; (2) heredity and evolution: heredity, molecular genetics, evolutionary biology; and (3) organisms and populations: diversity of organisms, structure and function of plants and animals, ecology. The major themes of the course include: science as a process, evolution, energy transfer, continuity and change, relationship of structure to function, regulation, interdependence in nature and science, technology, and society. This course will require students to report to class 1 time per week at 7:45am for Lab Work (transportation will not be provided by the school corporation). There is an opportunity for students to take an End of Course Advanced Placement test that potentially could earn students college credit if the student scores a 3, 4 or 5 on the placement test.

5276: ANATOMY & PHYSIOLOGY**Grade Offered: 11 - 12****Duration: 2 semesters / 2 credits****Prerequisite: Biology****Course Credit Type: Science****Course Fees:**

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

5276: ANATOMY & PHYSIOLOGY**DUAL CREDIT: HLHS 102 - Ivy Tech Community College of Indiana****Grade Offered: 11 - 12****Duration: 2 semesters / 2 credits****Prerequisite: Biology****Course Credit Type: Science; Dual Credit (3 total)****Course Fees:**

This course is for students who are specifically pursuing certification programs through Ivy Tech Community College. These programs include phlebotomy, pharmaceutical technician, EMT, CNA, etc.

3064: CHEMISTRY I/ CHEMISTRY 101 Dual Credit through Indiana University**Grade Offered: 10 - 12****Duration: 2 semesters / 2 credits****Prerequisite: none****Course Credit Type: Science****Course Fees:**

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 gasses; 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, the Science and Engineering Practices (SEPS) and cross-cutting concepts. 10th grade students may take Dual Credit Chemistry if they meet the following criteria:

- Earned A's in Biology I
- Performed at or above grade level on all sections of NWEA
- Have completed Algebra I with B's or higher

3060: AP CHEMISTRY**Grade Offered: 11 - 12****Duration: 2 semesters / 2 credits****Prerequisite: Chemistry I, Algebra II & taking Pre-Calculus****Course Credit Type: Science****Course Fees:**

Chemistry Advanced Placement is a course based on the content established by the College Board. The content includes: (1) structure of matter: atomic theory and structure, chemical bonding, molecular models, nuclear chemistry; (2) states of matter: gasses, liquids and solids, solutions; and (3) reactions: reaction types, stoichiometry, equilibrium, kinetics and thermodynamics. This course will require students to report to class 1 time per week at 7:45am for Lab Work (transportation will not be provided by the school corporation). There is an opportunity for students to take an End of Course Advanced Placement test that potentially could earn students college credit if the student scores a 3, 4 or 5 on the placement test.

3084: PHYSICS I/PHYSICS 110 Dual Credit through Ball State University**Grade Offered: 10-12****Duration: 2 semesters / 2 credits****Prerequisite: Algebra I****Course Credit Type: Science****Course Fees: BSU course fee of \$250, this fee is exempted for free/reduced lunch recipients.**

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. 10th grade students may take Dual Credit Physics if they meet the following criteria:

- Earned A's in Biology I
- Performed at or above grade level on all sections of NWEA
- Have completed Algebra I with B's or higher

3088: AP PHYSICS C:ELECTRICITY AND MAGNETISM

Grade Offered: 11-12

Duration: 2 semesters / 2 credits

Prerequisite: Algebra II; Physics I

Course Credit Type: Science

Course Fees:

AP Physics C is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. There are two AP Physics C courses, Physics C: Mechanics, and Physics C: Electricity and Magnetism. AP Physics C: Mechanics provides instruction in each of the following six content areas: kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. AP Physics C: Electricity and Magnetism provides instruction in each of the following five content areas: electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism.

5644: PRINCIPLES OF ENGINEERING

Grade Offered: 10-12

Duration: 2 semesters / 2 credits

Prerequisite: None

Course Credit Type: Science

Course Fees:

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. Schools may use the PLTW curriculum to meet the standards for this course. This course aligns with the PLTW Principles of Engineering curriculum. Use of the PLTW curriculum may require additional training and membership in the PLTW network.

SOCIAL STUDIES

0470-07: SOCIAL STUDIES, GRADE 7

Grade Offered: 7

Duration: 2 semesters

Course Credit Type: Required

Course Fees:

Students in grade 7 explore the history, geography, government, economic systems, current issues, and cultures of the Eastern World with an emphasis on: (1) Asia, (2) Africa, (3) the Middle East, (4) the Pacific Islands, (5) Australia, and (6) New Zealand. Learning experiences for seventh grade students should help them to make the transition from concrete information to abstract ideas, concepts, and generalizations. In-depth studies provide greater understanding of environmental influences on economic, cultural, and political institutions. Opportunities to develop thinking and research skills include reading and interpreting maps, graphs, and charts. Decision-making and problem-solving activities should include the following: (1) identifying problems, issues and questions; (2) information gathering; (3) hypothesizing; and (4) evaluating alternative solutions and actions. Along with the current academic standards for this subject, the History/Social Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

0470-08: SOCIAL STUDIES, GRADE 8

Grade Offered: 8

Duration: 2 semesters

Course Credit Type: Required

Course Fees:

Students in grade 8 focus on United States history. This study begins with a brief review of early history, including the Revolution and Founding Era, and the principles of the United States and Indiana constitutions, as well as other founding documents and their applications to subsequent

periods of national history and to civic and political life. Students then study national development, westward expansion, social reform movements, the Civil War, and the Reconstruction Period. Students examine major themes, issues, events, movements, and figures in United States history through the Reconstruction Period (1877) and explore relationships to modern issues and current events. Along with the current academic standards for this subject, the History/Social Studies Content Area Literacy Standards are incorporated with the expectation of a continuum of reading and writing skills development.

1514: ECONOMICS

Grade Offered: 12

Duration: 1 semester/1 credit

Prerequisite: none

Course Credit Type: Social Studies

Course Fees:

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.

1514: ECONOMICS, DUAL CREDIT: ECON 101 - Ivy Tech

Grade Offered: 12

Duration: 1 semester/1 credit

Prerequisite: none

Course Credit Type: Social Studies, (6 total)

Course Fees:

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.

1516: ETHNIC STUDIES**Grade Offered: 9 - 12****Duration: 1 semester / 1 credit****Prerequisite: none****Course Credit Type: Elective****Course Fees:**

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

1518: INDIANA STUDIES**Grade Offered: 9 - 12****Duration: 1 semester / 1 credit****Prerequisites: none****Course Credit Type: Elective****Course Fees:**

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.

1540: UNITED STATES GOVERNMENT**Grade Offered: 12****Duration: 1 semester / 1 credit****Prerequisite: none****Course Credit Type: Social Studies****Course Fees:**

United States Government provides a framework for understanding the nature and importance of responsible civic participation and for learning the rights and responsibilities of individuals in a constitutional democracy. The course enables students to explore the historic origins and evolution of political philosophies into contemporary political and legal systems. Constitutional structure and the processes of the legislative, executive, and judicial branches of the national, state, and local levels of government are examined. Students learn to draw conclusions about the impact and interrelationships of history, geography, and economics upon our system of government. They also learn to demonstrate an understanding of the governmental structure of the United States and other political systems, as well as the relationship of the American government to world affairs. Students learn to analyze the roles of individuals and groups in the

political process by identifying and analyzing political issues. They also learn to access data from primary and secondary resources and use current technology to access relevant source materials and as a tool for producing documents in support of learning projects. Students have opportunities to take, defend, and evaluate positions on current issues that impact political decision making. They should understand their ability to influence policies and decisions as individuals and in groups. Related learning experiences in the school and community enable students to learn how to participate effectively in the political process. The study of the United States Government also offers students opportunities to develop knowledge, inquiry skills, and the means to preserve and improve our constitutional democracy.

1542: UNITED STATES HISTORY

DUAL CREDIT: HIST 105 & HIST 106 - Indiana University

Grade offered: 11

Duration: 2 semesters / 2 credits

Prerequisite: none

Course Credit Type: Social Studies; Dual Credit (6 total): American Literature Honors must be taken in tandem with this DC US History as these classes share assignments and curriculum in order to meet standards.

Course Fees:

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.

1548: WORLD HISTORY AND CIVILIZATION

Grade Level: 9 - 10

Duration: 2 semesters / 2 credits

Prerequisites: none

Course Credit Type: Social Studies

Course Fees:

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.

1532: PSYCHOLOGY

Grades Offered: 11 - 12

Durations: 1 semester / 1 credit

Prerequisite: none

Course Credit Type: Elective

Course Fees:

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 day-to-day life of a psychologist.

CAREER & TECHNICAL COURSES

HINDS CAREER CENTER (Elwood High School)

Click below to view courses offered.

<http://hindscareercenter.org/>

Leffler Academy CNA

QMA

Phlebotomy

EMT

College Credit Opportunities at Hinds Career Center (Ivy Tech, Purdue University, Vincennes, IUPUI)

Auto Collision Repair

Auto Service Technology

Business Technology and Internships/College Prep

Construction Trades

Cosmetology

Criminal Justice

Ed Professions

Emergency Medical Services (Responder)

Fire and Rescue

Health Careers

Industrial Automation and Robotics

Precision Machining

Underground Utility Detection Services

Visual & Graphic Communication

Welding

IVY TECH

Agriculture

Automation & Robotics

Business Administration

Early Childhood Education

Health Sciences

Industrial Technology

Supply Chain

MARION REGIONAL CAREER CENTER

Aviation

NON-CREDIT STUDENT OPPORTUNITIES

LIBRARY ASSISTANT

Grade Offered: 11–12

Duration: 1 semester

Prerequisite: Minimum of 2.50 GPA

Library assistants perform a variety of tasks in enabling teachers and students in their use of the library. Assistants deliver and pick-up audio-visual equipment, check in and check out books, magazines, and other materials, perform clerical duties, prepare bulletin boards and other displays, and assist students in the use of computers. Approval of the media specialist and counselors is required.

OFFICE ASSISTANT

Grade Offered: 11–12

Duration: 1 semester

Prerequisite: Minimum of 2.50 GPA

Students will be assigned special office assignments. Activities will include: delivering office passes, receptionist responsibilities, tour guides, and other office activities. Office assistants must have a pleasing personality and be willing to work in a wide variety of tasks. Approval of the high school administration is required.

TEACHER ASSISTANT

Grade Offered: 11–12

Duration: 1 semester

Prerequisite: Minimum of 2.50 GPA

Teacher assistants will perform a variety of tasks as assigned by the teacher. Daily job duties will be determined by each individual teacher. Certain teaching areas will require more daily tasks than others. Approval of the teacher and counselor is required.

STUDY HALL

Grade Offered: 9–12

Duration: 1 semester

Prerequisite: None

Can be enrolled in no more than one study hall per semester.

For a complete and comprehensive listing of courses and their descriptions as directed by the state, please refer to the state site at:

<http://www.doe.state.in.us/publications/welcome.html>