



Course Catalog

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Business & Technology

COMPUTER SCIENCE 1 - CODING

4801

Computer Science I - Coding 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 narratives, user documentation, and system flowcharts for business problems; algorithm development and review, flowcharting, input/output techniques, looping modules, selection structures, file handling, control breaks, and offers students an opportunity to apply skills in a laboratory environment.

- Recommended Grade Level: 9,10,11,12
- Credits: 2 credits, 2 semester course
- Counts as a Directed Elective or Elective for all diplomas
- College preparatory course

GLOBAL FINANCE LAB

4558

The Finance Lab provides students with a hands-on learning environment to examine the principles of market structure which drive the financial marketplace. Students will work with software simulation programs to provide a real-world experience. Dual-screen monitors at each station as well as LED tickers winding along the lab will provide continuous live feed of current stock process. Students will work in breakout spaces designed for group projects and classroom meetings.

- Recommended Grade Level: 9,10,11,12
- Recommended Prerequisites: none
- Credits: 1 semester course, 1 credit per semester
- Counts as a Directed Elective or Elective for all diplomas

HONORS BUSINESS CAPSTONE COURSE DE (IVY TECH BUSN 279)
2020-2021

This course prepares the student for entry into the field of business. Reviews the procedures for conducting a job search, resume and cover letter writing, interviewing, and follow-up communications. Provides for taking program outcomes assessments.

- Recommended Grade Level: 12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 1 credit course (2 college credits)
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS BUSINESS LAW DE (IVY TECH BUSN 201)

4560

Describes the judicial system and the nature and sources of law affecting business. Studies contracts, sales contracts with emphasis on Uniform Commercial Code Applications, remedies for breach of contract and tort liabilities. Examines legal aspects of property ownership, structures of business ownership, and agency relationships.

- Recommended Grade Level: 10,11,12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 1 credit course (3 college credits)
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS BUSINESS COMMUNICATIONS DE (IVY TECH BOAT 216)
2020-2021

This course provides an overview of the international environment in which business operates today. Demonstrates the global relationships between business activities and how events in one part of the world can influence business decisions and activities in other parts of the world.

- Recommended Grade Level: 12
- Recommended Prerequisites: Demonstrated competency through assessment;
ENGL 111
- Credits: 1 credit course (3 college credits)
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS BUSINESS STATISTICS DE (IVY TECH BUSN 230)
2020-2021

This course is designed to build student competence in the areas of descriptive and inferential statistics, through emphasis on the application of these statistical methods. Includes an examination of data, probability of occurrence, and basic sampling processes. Uses statistical methods to model results and uses these models for forecasting. Tests to examine the appropriateness of these techniques are introduced.

- Recommended Grade Level: 10,11,12
- Recommended Prerequisites: Demonstrated competency through assessment; BUSN 101 and MATH 100 or higher
- Credits: 1 credit course (3 college credits)
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS FINANCIAL ACCOUNTING DE (IVY TECH ACCT 101)

4524

This course introduces the fundamental principles, techniques, and tools of financial accounting. The development and use of the basic financial statements pertaining to corporations both service and retail.

- Recommended Grade Level: 11,12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 1 credit course (3 college credits)
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS INTRODUCTION TO BUSINESS DE (IVY TECH BUSN 101)

4562

This course examines the American business system in relation to the economic society. The course studies business ownership, organization principles and problems, management, control facilities, administration, and development practices of American business enterprises.

- Recommended Grade Level: 10,11,12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 1 credit course (3 college credits)
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS INTEGRATED MICROSOFT OFFICE APPLICATIONS DE (IVY TECH BOAT 207)

4564

This course emphasizes the identification and practice of the appropriate use of technology to communicate and solve business problems and aid in decision making. Focuses primary attention to developing business problem-solving skills and decision-making skills using Microsoft Access and Excel. Also explores the advanced integration features associated with Microsoft Word and PowerPoint.

- Recommended Grade Level: 10, 11,12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 1 credit course (3 college credits)
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS INTRO TO INTERNATIONAL BUSINESS DE (IVY TECH BUSN 207)

2020-2021

This course provides an overview of the international environment in which business operates today. Demonstrates the global relationships between business activities and how events in one part of the world can influence business decisions and activities in other parts of the world.

- Recommended Grade Level: 11,12
- Recommended Prerequisites: Demonstrated competency through assessment; BUSN 101
- Credits: 1 credit course (3 college credits)
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS INTRODUCTION TO MICROCOMPUTERS DE (IVY TECH CINS 101)

4528

Introduces the physical components and operation of microcomputers. Focuses on computer literacy and provides hands-on training in four areas of microcomputer application software: word processing, electronic spreadsheets, and database management and presentation software. Use of a professional business integrated applications package is emphasized.

- Recommended Grade Level: 9, 10, 11,12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 1 credit course (3 college credits)
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS MANAGERIAL ACCOUNTING DE (IVY TECH ACCT 102)

4522

This course emphasizes managerial accounting concepts, general versus cost accounting systems, cost behavior, cost-volume profit analysis, standard cost systems, responsibility accounting, incremental analysis, and capital investment analysis.

- Recommended Grade Level: 11,12
- Recommended Prerequisites: Demonstrated competency through assessment; ACCT101
- Credits: 1 credit course (3 college credits)
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS PRINCIPLES OF MANAGEMENT DE (IVY TECH BUSN 105)

5268

This course describes the functions of managers, including the management of activities and personnel. Focuses on application of guidance principles in management.

- Recommended Grade Level: 11,12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 1 credit course (3 college credits)
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS PRINCIPLES OF MARKETING DE (IVY TECH MKTG 101)

5914

Principles of Marketing introduces environmental analysis, marketing research, consumer behavior, segmenting, targeting, positioning, branding, product management, price strategy, supply chain management, integrated marketing communications, and market analytics and control. Develop a basic marketing plan.

- Recommended Grade Level: 11,12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 1 credit course (3 college credits)
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

WEB DESIGN

4574

Web Design is a course that provides instruction in the principles of web design using HTML/XHTML and current/emerging software programs. Areas of instruction include audience analysis, hierarchy layout and design techniques, software integration, and publishing. Instructional strategies should include peer teaching, collaborative instruction, project-based learning activities and school community projects.

- Recommended Grade Level: 10,11,12
- Credits: 1 credit course; maximum of 2 semesters, maximum of 2 credits
- Counts as a Directed Elective or Elective for all diplomas
- College preparatory course

Engineering & Technology

HONORS INTRO TO DESIGN TECHNOLOGY DE (IVY DESN 101)

4800

The purpose of this introductory course is to provide students with a basic understanding of sketching practices and the features and considerations associated with the operation of computer-aided design (CAD) systems. Students will gain valuable hands-on experience creating sketches and using CAD software. Students will complete project(s) (increasing in difficulty) relating to specific technical drawing communication topics and disciplines.

- Recommended Grade Level: 11, 12
- Credits: 2 semester course; 1 credit each semester (3 college credits)
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

English

AMERICAN LITERATURE

1020

American Literature,, a course based on Indiana's Academic Standards for English/Language Arts and emphasizing the High School Literature Standards, is a study of representative works and authors of the United States from pre-Revolutionary times to the present. 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.

- Recommended Grade Level: 11,12
- Credits: 1 credit, one semester course
- Fulfills an English/Language Arts requirement for all diplomas
- College preparatory course

HONORS AP ENGLISH LANGUAGE & COMPOSITION

1056

AP English Language and Composition requires students to become skilled readers of prose written in a variety of rhetorical contexts and skilled writers who compose for a variety of purposes. Both their reading and their writing should make students aware of the interactions among a writer's purposes, reader expectations, and an author's propositional content, as well as the genre conventions and the resources of language that contribute to effectiveness in writing. While writing represents a significant component of this course, the core skill required is the ability to read well. In reading another writer's work, students must be able to address four fundamental questions about composition:

- What is being said?
- To whom is it being said?
- How is it being said?
- Why is it being said?

The answers to these questions inform students' own composition processes as they learn to read like writers and write like readers. Upon completion of the AP course, students are required to take the nationally administered examination in May.

- Recommended Grade Level: 11,12
- Credits: 2 semester course, 1 credit per semester
- Fulfills an English/Language Arts requirement for all diplomas
- Honors Course

BIOGRAPHIES

1024

Biographies, a course based on Indiana's Academic Standards for English/Language Arts and the Common Core State Standards for English/Language Arts, is a study of outstanding examples of biographical literature from different historical periods, different cultures, and different authors (both men and women). Students examine autobiography, legendary narratives of historical figures, and hagiography (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 the reliability and validity of the work.

- Recommended Grade Level: 11,12
- Credits: 1 semester course, 1 credit
- Fulfills an English/Language Arts requirement for all diplomas
- College Preparatory Course

COMPOSITION

1090

Composition, a course based on Indiana's Academic Standards for English/Language Arts and the Common Core State Standards for English/Language Arts, is a study and application of the rhetorical (effective) 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

- Recommended Grade Level: 11,12
- Credits: 1 semester course, 1 credit
- Fulfills an English/Language Arts requirement for all diplomas
- College Preparatory Course

CREATIVE WRITING

1092

Creative Writing, a course based on Indiana's Academic Standards for English/Language Arts and emphasizing the High School Composition Standards, is a study and application of the rhetorical (effective) writing strategies for prose and poetry. Using the writing process, students demonstrate a command of vocabulary, the nuances of language and vocabulary, English language conventions, an awareness of the audience, the purposes for writing, and the style of their own writing. **CREATIVE WRITING PROJECT:** Students complete a project, such as a short story, a narrative or epic poem, a persuasive speech or letter, a book review, a script or short play, or other creative compositions, which demonstrates knowledge, application, and writing progress in the Creative Writing course content.

- Recommended Grade Level: 11,12
- Credits: 1 semester course, 1 credit
- Fulfills an English/Language Arts requirement for all diplomas
- College Preparatory Course

DRAMATIC LITERATURE

1028

Dramatic Literature, a course based on Indiana's Academic Standards for English/Language Arts and the Common Core State Standards for English/Language Arts, is a study of plays and literary art as different from other literary genres. Students view live, televised, or filmed productions and stage scenes from plays or scripts. Students examine tragedies, comedies, melodramas, musicals or operas created by important playwrights and screenwriters representing the literary movements in dramatic literature. Students analyze how live performance alters interpretation from text and how developments in acting and production have altered the way we interpret plays or scripts. Students analyze the relationship between the development of dramatic literature as entertainment and as a reflection or influence on the culture.

- Recommended Grade Level: 11,12
- Credits: 1 semester course, 1 credit
- Fulfills an English/Language Arts requirement for all diplomas
- College Preparatory Course

ENGLISH 9

1002

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.

- Recommended Grade Level: 9
- Credits: 2 semester course, 2 credits
- Fulfills an English/Language Arts requirement for all diplomas
- College Preparatory Course
- Counts as an English/Language Arts elective for all diplomas
- College Preparatory Course

ENGLISH 10

1004

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.

- Grade Level: 10
- Credits: 2 semester course, 2 credits
- Fulfills an English/Language Arts requirement for all diplomas
- College Preparatory Course

ENGLISH AS A NEW LANGUAGE I, II, III

1012

English as a New Language, an integrated English course based on Indiana's English Language Proficiency (ELP) Standards, is the study of language, literature, composition and oral communication for Limited English Proficient (LEP) students 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.

- Grade Level: 9,10,11,12
- Credits: 2 semester course, 1 credit per semester (maximum 4 credits E/LA)
- Fulfills an English/Language Arts requirement for all diplomas
- College Preparatory Course

ETHNIC LITERATURE

1032

Ethnic Literature, a course based on Indiana's Academic Standards for English/Language Arts and the Common Core State Standards for English/Language Arts, is a study of literature focusing on specific multicultural issues produced by writers representing various ethnic cultures. Students examine works exploring ethnic experiences and ideas as well as the contributions of authors to multicultural themes. Students analyze the expressions of cultural identities within ethnic literature and how problems or issues of interest to a given group related or interconnect with national issues and history.

- Recommended Grade Level: 11,12
- Credits: 1 semester course, 1 credit
- Fulfills an English/Language Arts requirement for all diplomas
- College Preparatory Course

FILM LITERATURE

1034

Film Literature, a course based on Indiana's Academic Standards for English/Language Arts and emphasizing the High School Literature Standards, 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. **FILM LITERATURE PROJECT:** Students complete a project, such as doing an historical timeline and bibliography on the development of film or the creation of a short-subject film, which demonstrates knowledge, application, and progress in the Film Literature course content.

- Recommended Grade Level: 11,12
- Credits: 1 semester course, 1 credit
- Fulfills an English/Language Arts requirement for all diplomas
- College Preparatory Course

GENRES OF LITERATURE: MYSTERY FICTION

1036

Genres of Literature, a course based on the Indiana Academic Standards for English/Language Arts, is a study of various literary genres, such as poetry, dramas, novels, short stories, biographies, journals, diaries, essays, and others. This course focuses on the narrative techniques used by writers, such as Sir Conan Doyle, Edgar Allan Poe, and Agatha Christie, in order to create character, structure, plot, and maintain suspense. Students will also study how these novels and short stories provide miniature social histories of the periods, and the ways society has viewed crime and punishment throughout time.

- Recommended Grade Level: 11,12
- Credits: 1 semester course, 1 credit
- Fulfills an English/Language Arts requirement for all diplomas
- College Preparatory Course

GENRES OF LITERATURE: SCI-FI/FANTASY

1036

This course is a study of various literary genres, such as poetry, dramas, novels, short stories, biographies, journals, diaries, essays, and others. This course traces science-fiction, fantasy, and utopian thought from their roots in myth to modern concepts of technological man. The course will focus on sci-fi and fantasy as they reveal the social and psychological implications of the themes explored, with an emphasis on the opportunity for social criticism afforded in these genres.

- Recommended Grade Level: 11,12
- Credits: 1 semester course, 1 credit
- Fulfills an English/Language Arts requirement for all diplomas
- College Preparatory Course

HONORS ENGLISH 9

1002

Honors English 9, is a course based on Indiana's Academic Standards for English/Language Arts and emphasizing the High School Literature Standards. This class is designed to introduce students to an array of classical and modern works of great literary merit in order to prepare them for 10th Grade Honors and subsequent honors level English courses. This course will assist students in developing their analytical and critical thinking skills through close readings of a variety of texts. Students will also conduct and participate in in-depth discussions of those texts, as well as compose well-written analytical responses to fiction and non-fiction selections.

- Recommended Grade Level: 11,12
- Credits: 2 semester course, 2 credits
- Fulfills an English/Language Arts requirement for all diplomas
- Honors Course

HONORS ENGLISH 10

1004

Honors English 10, a course based on Indiana's Academic Standards for English/Language Arts and emphasizing the High School Literature Standards, is a study of ancient and modern representative works by major authors from six continents: Africa, Asia, Australia, Europe, North America, and South America. Students examine a wide variety of literary genres and themes. Students analyze how the ideas and concepts presented in the works are both interconnected and reflective of the cultures and historical periods of the countries represented by the authors.

- Recommended Grade Level: 10
- Credits: 2 semester course, 2 credits
- Fulfills an English/Language Arts requirement for all diplomas
- Honors Course

HONORS ENGLISH COMPOSITION I DE (IVY TECH ENGL 111)

1124

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

- Recommended Grade Level: 12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 1 credit course (3 college credits)
- Fulfills an English/Language Arts requirement for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS FUNDAMENTALS OF PUBLIC SPEAKING DE (IVY TECH COMM 101)

1078

Fundamentals of Public Speaking introduces fundamental concepts and skills for effective public speaking, including audience analysis, outlining, research, delivery, critical listening and evaluation, presentational aids, and use of appropriate technology.

- Recommended Grade Level: 10,11,12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 1 credit course (3 college credits)
- Fulfills an English/Language Arts requirement for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS PUBLIC SPEAKING DE (INDIANA UNIVERSITY S121)

1124

Public Speaking, a course based on the theory and practice of public speaking; training in thought processes necessary to organize speech content; analysis of components of effective delivery and language. Course objectives: 1) To familiarize you with some basic principles of effective and ethical public speaking. 2) To give you practice enacting those principles. 3) To instill in you a sense of the importance of public communication in shaping our lives. 4) To help you control nervousness and understand how it can be positive. 5) To help you develop critical listening skills. 6) To help you apply organizational and delivery techniques in presenting a speech. 7) To expose you to a variety of speeches. 8) To help you to understand the preparation and delivery of different speech designs.

- Recommended Grade Level: 11,12
- Credits: 1 credit course (3 college credits)
- Fulfills an English/Language Arts requirement for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS RHETORIC AND ARGUMENT DE (IVY TECH ENGL 215)

1124

This advanced composition course emphasizes an inquiry-driven approach to research-based analytical and argumentative writing. Students will develop advanced analytical, researching, and writing skills by completing an extensive argumentative project.

- Recommended Grade Level: 12
- Recommended Prerequisites: Demonstrated competency through assessment; grade of “C” or better in ENGL 111
- Credits: 1 credit course (3 college credits)
- Fulfills an English/Language Arts requirement for all diplomas
- Honors Course
- Additional Fee and/or Book

MEDIA WRITING

1084

Media Writing is a course based on the *High School Journalism Standards and the Mass Media and Media Literacy Standards*. It is the study of the importance of mass media as pervasive in modern life at the local, national, and global levels. It includes a study of the impact of constant and immediate news, entertainment, and persuasive messages on everyday life. Students use course content to become knowledgeable consumers of mass media in preparation for their roles as informed citizens in a democratic society.

- Recommended Grade Level: 11,12
- Credits: 1 semester course, 1 credit
- Fulfills an English/Language Arts requirement for all diplomas
- College Preparatory Course

NOVELS

1042

Novels, a course based on Indiana's Academic Standards for English/Language Arts and the Common Core State Standards for English/Language Arts, is a study of the distinct features of the novel, such as narrative and fictional elements of setting, conflict, climax, and resolution, and may be organized by historical periods, themes, or authors. Students examine novels of a given period, such as Victorian, the Modern Period, or Contemporary Literature, and what distinguishes novels from short stories, epics, romances, biographies, science fiction, and others. Students analyze novels by various important authors in the past and present or sets of novels in a given time period or across time periods or covering a particular theme.

- Recommended Grade Level: 11,12
- Credits: 1 semester course, 1 credit
- Fulfills an English/Language Arts requirement for all diplomas
- College Preparatory Course

SPEECH & DEBATE

1070

Speech & Debate, a course based on Indiana's Academic Standards for English/Language Arts, is the study and application of the basic principles and techniques of effective oral communication and the basic types of arguments (induction, deduction, causation) and debate strategies (affirmative or negative argument construction and extension, case development, refutation or rebuttal of argument claims and evidence, and persuasive speaking). Students 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.

- Recommended Grade Level: 9,10,11,12
- Credits: 1 semester course, 1 credit
- Fulfills an English/Language Arts and Mqqt requirement for all diplomas
- College Preparatory Course

WORLD LITERATURE

1052

World Literature, a course based on Indiana's Academic Standards for English/Language Arts and the Common Core State Standards for English/Language Arts, is a study of ancient and modern representative works by major authors from six continents: Africa, Asia, Australia, Europe, North America, and South America. Students examine a wide variety of literary genres and themes. Students analyze how the ideas and concepts presented in the works are both interconnected and reflective of the cultures and historical periods of the countries represented by the authors.

- Recommended Grade Level: 11,12
- Credits: 1 semester course, 1 credit
- Fulfills an English/Language Arts requirement for all diplomas
- College Preparatory Course

THEMES IN LITERATURE: YOUNG ADULT LITERATURE

1048

This course is a study of the distinct features of young adult literature, such as narrative and fictional elements of setting, conflict, climax, and resolution, particularly characterized by young adult themes. Students examine literature whereby the characters are driven by distinct adolescent themes such as coming of age, rites of passage, and overcoming social adversity. Students analyze literature by various relevant and important authors or sets of novels concerning the plight of the adolescent.

- Recommended Grade Level: 11,12
- Credits: 1 semester course, 1 credit
- Fulfills an English/Language Arts requirement for all diplomas
- College Preparatory Course

Family and Consumer Sciences

HONORS INTRODUCTION TO EDUCATION DE (IVY TECH EDUC 101)

5408

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 20 hour supervised observational experience component is required for successful completion of this course.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 1 credit course (3 college credits)
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

Fine Arts

HONORS AP ART HISTORY

4024

AP Art History is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. The AP Art History course is equivalent to a two-semester introductory college course that explores topics such as the nature of art, art making, and responses to art. By investigating a specific image set of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the course fosters in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content, as they experience, research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art. All students will need to be able to identify about 250 images. They will need to know the form, function, content, and context of artworks. They will need to be able to compare and contrast artworks from different cultures and time periods. Upon completion of the AP course, students are required to take the nationally administered examination in May.

- Recommended Grade Level: 9,10,11,12
- Credits: 2 credits, 2 semester course
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills a Fine Art requirement for the Academic Honors Diploma
- College preparatory course

CERAMICS

4040

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

- Recommended Grade Level: 10,11,12
- Prerequisites: Introduction to 2-D Art/3-D Art
- Credits: 1 credit, 1 semester course
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills 1 of 2 Fine Art credits requirements for the Academic Honors Diploma
- College preparatory course

DRAWING

4060

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

- Recommended Grade Level: 10,11,12
- Prerequisites: Introduction to 2-D Art/3-D Art
- Credits: 1 credit each semester; Maximum 8 credits
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills 1 of 2 Fine Art credits requirements for the Academic Honors Diploma
- College preparatory course

CHORUS MARQUETTE SINGERS

4186

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

- Recommended Grade Level: 9,10,11,12
- Credits: 1 credit each semester; Maximum 8 credits
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills 1 of 2 Fine Art credits requirements for the Academic Honors Diploma
- College preparatory course

INTRODUCTION TO THREE-DIMENSIONAL ART

4002

Introduction to Three-Dimensional Art is a course based on the Indiana Academic Standards for Visual Art. Students in this course build on the sequential learning experiences of Introduction to Three-Dimensional Art that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. Students explore historical and cultural background and connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; create three-dimensional works of art, reflect upon the outcomes, and revise their work; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. They identify ways to utilize and support art museums, galleries, studios, and community resources.

- Recommended Grade Level: 9,10,11,12
- Credits: 1 credit 1 semester course
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills 1 of 2 Fine Art credits requirements for the Academic Honors Diploma
- College preparatory course

INTRODUCTION TO TWO-DIMENSIONAL ART

4000

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

- Recommended Grade Level: 9,10,11,12
- Credits: 1 credit 1 semester course
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills 1 of 2 Fine Art credits requirements for the Academic Honors Diploma
- College preparatory course

PAINTING

4064

Painting is a course based on the Indiana Academic Standards for Visual Art. Students in Painting 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 abstract and realistic paintings, using a variety of materials such as mix media, watercolor, oil, and acrylics, as well as techniques such as stippling, gouache, wash, and impasto. They reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; relate art to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students utilize the resources of art museums, galleries, and studios, and identify art-related careers.

- Recommended Grade Level: 10,11,12
- Credits: 1 credit each semester; Maximum 8 credits
- Prerequisites: Introduction to 2-D Art/3-D Art
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills 1 of 2 Fine Art credits requirements for the Academic Honors Diploma
- College preparatory course

PHOTOGRAPHY PROJECTS

4062

Photography Projects continues to evolve and technology accelerates these rapid changes to this form of image making and visual communication. Students will be introduced to the basic techniques, vocabulary, history, and concepts using their smartphone or iphone. Props, backgrounds, assemblages, etc. will also be part of the assignments. Students need to maintain a daily notebook

- Recommended Grade Level: 10,11,12
- Credits: 1 semester course, 1 credit per semester. The nature of this course allows for successive semesters of instruction at an advanced level provided that defined proficiencies and content standards are utilized.
- Prerequisites: Introduction to 2-D Art
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills 1 of 2 Fine Art credits requirements for the Academic Honors Diploma
- College preparatory course

TECHNICAL THEATRE I

4244

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

- Recommended Grade Level: 9,10,11,12
- Credits: 1 semester course, 1 credit per semester
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills 1 of 2 Fine Art credits requirements for the Academic Honors Diploma
- College preparatory course

THEATRE ARTS I

4242

Students enrolled in Theatre Arts read and analyze plays, create scripts and theatre pieces, conceive scenic designs, and develop acting skills. These activities incorporate elements of theatre history, culture, analysis, response, creative process, and integrated studies. Additionally, students explore career opportunities in the theatre, attend and critique theatrical productions, and recognize the responsibilities and the importance of individual theatre patrons in their community.

- Recommended Grade Level: 9,10,11,12
- Credits: 1 semester course, 1 credit per semester
- Counts as a Directed Elective or Elective for all diplomas
- Fulfills 1 of 2 Fine Art credits requirements for the Academic Honors Diploma
- College preparatory course

Health and Physical Education

HEALTH & WELLNESS EDUCATION

3506

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

- Recommended Grade Level: 9,10,11,12
- Credits: 1 credit 1 semester course
- Fulfills the Health requirement for all diplomas
- College preparatory course

PHYSICAL EDUCATION I

3542

Physical Education I focuses on instructional strategies through a planned, sequential, and comprehensive physical education curriculum which provide students with opportunities to actively participate in at least four of the following: team sports; dual sport activities; individual physical activities; outdoor pursuits; self-defense and martial arts; aquatics; gymnastics; and dance, all which are within the framework of lifetime physical activities and fitness. Ongoing assessment includes both written and performance-based skill evaluation. Individual assessments may be modified for individuals with disabilities, service plans or chronic illnesses

- Recommended Grade Level: 9, 10, 11, 12
- Credits: 1 credit 1 semester course
- Fulfills 1 of 2 Physical Education credits for all diplomas
- College preparatory course

PHYSICAL EDUCATION II

3544

Physical Education II focuses on instructional strategies through a planned, sequential, and comprehensive physical education curriculum which provide students with opportunities to actively participate in four of the following that were not in PHYS ED I : team sports; dual sport activities; individual physical activities; outdoor pursuits; self-defense and martial arts; aquatics; gymnastics; and dance, all which are within the framework of lifetime physical activities and fitness. Ongoing assessment includes both written and performance-based skill evaluation. Individual assessments may be modified for individuals with disabilities, service plans or chronic illnesses

- Recommended Grade Level: 9, 10, 11, 12
- Credits: 1 credit 1 semester course
- Fulfills 1 of 2 Physical Education credits for all diplomas
- College preparatory course

FLEXIBILITY IN PHYSICAL EDUCATION - TEAM SPORTS

- Athletes must meet the standards for Physical Education II through their team sport
- The coach would be the facilitator of course requirements set by the PE teacher
- Credit would be granted based on mastery of the PE standards
- The PE teacher would be the teacher of record
- A grade must be assigned

Health Science

ANATOMY & PHYSIOLOGY

5276

Anatomy & Physiology is an upper level science course that is designed to provide students with a survey of the basic physiological and anatomical concepts of the human body. This class is intended for students who want to participate in a challenging curriculum that focuses on the human body. Chemistry and biochemistry are an important part of this class. Students are expected to be motivated learners and be able to handle a fair amount of work outside of class. Anatomy & Physiology is a lab science. The lab portion of this class will be centered on the anatomy of the body; therefore, students will participate in the dissection of a cat. This class is recommended for those who are seriously interested in pursuing a health career.

- Recommended Grade Level: 11, 12
- Credits: 2 credits two semester course with 1 credit per semester
- Recommended Prerequisite: Minimum B average in all previous science courses and completion of Chemistry I or concurrent enrollment in Chemistry I
- Counts as a Science Course for all diplomas
- College Preparatory Course

HONORS MEDICAL TERMINOLOGY DE (IVY TECH HLHS 101)

5274

This course addresses basic terminology required of the allied health professional and provides a basic knowledge of anatomy and physiology, pathology, special procedures, laboratory procedures, and pharmacology. Greek and Latin prefixes, suffixes, word roots, and combining forms are presented. Emphasis is on forming a foundation for a medical vocabulary including meaning, spelling, and pronunciation. Medical abbreviations, signs, and symbols are included.

- Recommended Grade Level: 11,12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 1 credit course (3 college credits)
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

Mathematics

ALGEBRA I

2520

Algebra 1 provides a formal development of the algebraic skills and concepts necessary for students to succeed in advanced courses. In particular, the instructional program in this course provides for the use of algebraic skills in a wide range of problem-solving situations. The concept of function is emphasized throughout the course. Topics include: (1) operations with real numbers, (2) linear equations and inequalities, (3) relations and functions, (4) polynomials, (5) algebraic fractions, and (6) nonlinear equations.

- Recommended Grade Level: 9
- Credits: 2 semester course, 2 credits
- Fulfills the Algebra I/Integrated Mathematics I requirement for all diplomas
- College Preparatory Course

ALGEBRA II

2522

Algebra II extends and elaborates upon concepts introduced in Algebra I. This course develops students' problem solving skills and introduces technologies commonly utilized in higher-level mathematics. Topics explored in Algebra II include: 1) Manipulating algebraic expressions with emphasis on advanced factoring techniques 2) Operations with polynomials and algebraic fractions 3) Solving systems of equations and inequalities 4) Relations and functions 5) Graphical analysis

- Recommended Grade Level: 9, 10, 11, 12
- Credits: 2 semester course 1 credit each semester
- Fulfills the Algebra II/Integrated Mathematics III requirement for all diplomas
- College Preparatory Course

FINITE MATHEMATICS

2530

Finite Mathematics is an umbrella of mathematical topics. It is a course designed for students who will undertake higher-level mathematics in college that may not include calculus. Finite Math is made up of five strands: Sets, Matrices, Networks, Optimization, and Probability. The skills listed in these strands indicate what students should know and be able to do in Finite Math. The eight Process Standards for Mathematics apply throughout the course. Together with the

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

- Recommended Grade Level: 12
- Recommended Prerequisites: Algebra II
- Credits: 1 semester course, 1 credit
- Counts as a Mathematics Course for all diplomas
- College Preparatory Course

GEOMETRY

2532

Geometry utilizes a variety of investigative strategies to examine the properties of two-and-three-dimensional objects. Relationships and constructions of geometric objects include: 1) points, lines, angles, and planes; 2) polygons, with a special focus on quadrilaterals, triangles, and right triangles; 3) circles; 4) three-dimensional solids. The use of graphing calculators and other technologies is encouraged.

- Recommended Grade Level: 10
- Credits: 2 semester course 1 credit each semester
- Fulfills the Geometry/Integrated Mathematics II requirement for all diplomas
- College Preparatory Course

HONORS ALGEBRA II

2522

Honors Algebra II extends and elaborates upon concepts introduced in Algebra I. This course develops students' critical thinking skills and introduces techniques and technologies commonly utilized in higher-level mathematics. Topics explored in Honors Algebra II include: 1) Manipulating algebraic expressions with emphasis on advanced factoring techniques 2) Operations with polynomials and algebraic fractions 3) Solving systems of equations and inequalities 4) Relations and functions 5) Graphical analysis 6) Sequences and series 7) Counting principles and probability

- Recommended Grade Level: 9,10,11
- Credits: 2 credits, 2 semester course with 1 credit per semester
- Fulfills the Algebra II/Integrated Mathematics III requirement for all diplomas
- Honors Course

HONORS AP CALCULUS AB

2562

Calculus AB, Advanced Placement is a course that provides students with the content established by the College Board. Topics include: (1) functions, graphs, and limits: analysis of graphs, limits of functions, asymptotic and unbounded behavior, continuity as a property of functions (2) derivatives: concepts of the derivative, derivative at a point, derivative as a function, second derivatives, application and computation of derivatives, and (3) integrals: interpretations and properties of definite integrals, applications of integrals, fundamental theorem of calculus, techniques of anti-differentiation, and numerical approximations to definite integrals. The use of graphing technology is required. Upon completion of the AP course, students are required to take the nationally administered examination in May.

- Recommended Grade Level: 11,12
- Credits: 2 credits, 2 semester course with 1 credit per semester
- Recommended Prerequisite: Honors Pre-Calculus/Honors Trigonometry
- Counts as a Mathematics course for all diplomas
- Honors Course

HONORS COLLEGE ALGEBRA DE (IVY TECH MATH 136)

2544

This course presents an in depth study of functions, quadratic, polynomial, radical, and rational equations, radicals, complex numbers, systems of equations, rational fractions and exponential and logarithmic functions.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 1 credit course 1 semester course (3 college credits)
- Counts as a Mathematics course for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS GEOMETRY

2532

Honors Geometry utilizes abstract thought, deductive/inductive reasoning, and logical analysis to examine the properties of two- and three-dimensional objects. Relationships and constructions of geometric objects include: 1) points, lines, angles, and planes; 2) polygons, with a special focus on quadrilaterals, triangles, and right triangles; 3) basic trigonometric ratios; 4) circles and special lines in a circle; 5) polyhedra and other three-dimensional solids. Formal written proofs will be emphasized throughout the course. The use of graphing calculators and other technologies is encouraged.

- Recommended Grade Level: 10
- Credits: 2 credits, 2 semester course with 1 credit per semester
- Fulfills the Geometry/Integrated Mathematics II requirement for all diplomas
- Honors Course

HONORS PRE-CALCULUS

2564

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

- Recommended Grade Level: 11, 12
- Credits: 1 credit 1 semester course
- Counts as a Mathematics course for all diplomas
- Honors Course

HONORS TRIGONOMETRY

2566

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

- Recommended Grade Level: 11, 12
- Credits: 1 credit 1 semester course
- Counts as a Mathematics course for all diplomas
- Honors Course

HONORS TRIGONOMETRY WITH ANALYTIC GEOMETRY DE (IVY TECH MATH 137)

2566

This course presents an in depth study of right triangle trigonometry, oblique triangles, vectors, graphs of trigonometric functions, trigonometric identities and equations and complex numbers in rectangular and polar/trigonometric forms, rectangular and polar coordinates and conics.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 1 credit course 1 semester course (3 college credits)
- Counts as a Mathematics course for all diplomas
- Honors Course
- Additional Fee and/or Book

PRE-CALCULUS

2564

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

- Recommended Grade Level: 11, 12
- Credits: 1 credit 1 semester course
- Counts as a Mathematics course for all diplomas
- College Preparatory Course

PROBABILITY AND STATISTICS

2546

Probability and Statistics includes the concepts and skills needed to apply statistical techniques in the decision making process. Probability and Statistics are made up of three strands: Data Analysis, Experimental Design, and Probability. Practical examples based on real experimental data are used throughout. Students plan and conduct experiments or surveys and analyze the resulting data. The use of graphing calculators and computer programs is encouraged. The Process Standards for Mathematics apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

- Recommended Grade Level: 11, 12
- Credits: 1 credit 1 semester course
- Recommended Prerequisite: Algebra II
- Counts as a Mathematics course for all diplomas
- College Preparatory course

TRIGONOMETRY

2566

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

- Recommended Grade Level: 11, 12
- Credits: 1 credit 1 semester course
- Counts as a Mathematics course for all diplomas
- College Preparatory Course

Multidisciplinary

HONORS STUDENT SUCCESS IN UNIVERSITY TRANSFER CC (IVY TECH IVYT 111)

0500

This course provides students with an overview of skills and strategies necessary to successfully earn their Academic Honors Diploma while also earning a degree or certificate from Ivy Tech Community College. Students focus on developing an individualized transfer plan focused on reaching their educational, career, and life objectives.

- Recommended Grade Level: Marquette University Students
- Credits: 1 credit course (1 college credit) one semester course
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course

HONORS LIBERAL ARTS CAPSTONE COURSE CC (IVY TECH LIBA 279)

2020-2021

0500

This course provides a culminating experience designed to demonstrate the student's mastery of information literacy; ethical and responsible behavior; political, social and environmental responsibility; and diversity awareness, both in general and in the student's area of interest. May require a research project, presentation, and/or portfolio. Requires students to complete two sections of a college-approved standardized assessment of proficiency in math, writing, scientific inquiry, and/or critical thinking

- Recommended Grade Level: Marquette University Students with successful completion of 40 program hours
- Credits: 1 credit course (1 college credit) one semester course
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course

Science

ANATOMY & PHYSIOLOGY

5276

Anatomy & Physiology is an upper level science course that is designed to provide students with a survey of the basic physiological and anatomical concepts of the human body. This class is intended for students who want to participate in a challenging curriculum that focuses on the human body. Chemistry and biochemistry are an important part of this class. Students are expected to be motivated learners and be able to handle a fair amount of work outside of class. Anatomy & Physiology is a lab science. The lab portion of this class will be centered on the anatomy of the body; therefore, students will participate in the dissection of a cat. This class is recommended for those who are seriously interested in pursuing a health career.

- Recommended Grade Level: 11, 12
- Credits: 2 credits two semester course with 1 credit per semester
- Recommended Prerequisite: Minimum B average in all previous science courses and completion of Chemistry I or concurrent enrollment in Chemistry I
- Counts as a Science Course for all diplomas
- College Preparatory Course

BIOLOGY I

3024

Biology is a life science course designed to develop the student's organization and thinking skills. Emphasis in this class will be on lab skills, mathematical skills, critical thinking skills and inquiry skills. The course curriculum includes: scientific method and measuring, cell structure, function and processes, evolution, genetics and ecology. This class requires a solid foundation in mathematics with above average reading and writing ability. Laboratory, inquiry and critical thinking skills will be developed.

- Recommended Grade Level: 9, 10
- Credits: 2 credits two semester course with 1 credit per semester
- Fulfills Biology requirement for all diplomas
- College Preparatory Course

CHEMISTRY I

3064

Chemistry I is a course based on laboratory investigations of matter, chemical reactions, and the role of energy in those reactions. Students enrolled in Chemistry I compare, contrast, and synthesize useful models of the structure and properties of matter and the mechanisms of its interactions. In addition, students enrolled in this course are expected to: (1) gain an understanding of the history of chemistry, (2) explore the uses of chemistry in various careers, (3) investigate chemical questions and problems related to personal needs and societal issues, and (4) learn and practice laboratory safety.

- Recommended Grade Level: 10,11,12
- Credits: 2 credits two semester course with 1 credit per semester
- Recommended Prerequisite: Completion or concurrent enrollment in Algebra II
- Fulfills Chemistry or Physics requirement for all diplomas
- College Preparatory Course

EARTH SPACE SCIENCE

3044

Earth Space Science is a course focusing on the study of the earth's layers, atmosphere, hydrosphere, and the structure and scale of the Universe. Students analyze and describe Earth's interconnected systems and examine how Earth's materials, landforms, and continents are modified across geological time. Through laboratory and field investigations, students understand the history and development of the Earth and space sciences, explore the uses of Earth and space science in various careers, and investigate Earth and space science problems concerning personal needs and community issues related to science.

- Recommended Grade Level: 9, 10,11,12
- Credits: 1-2 credits 1-2 Semester course with 1 credit per semester
- Counts as a Science course for all diplomas
- College Preparatory Course

ENVIRONMENTAL SCIENCE

3010

Environmental Science is an interdisciplinary course that integrates biology, earth science, chemistry, and other disciplines. Students enrolled in this course conduct in-depth scientific studies of ecosystems, population dynamics, resource management, and environmental consequences of natural and anthropogenic processes. Students formulate, design, and carry out laboratory and field investigations as an essential course component. Students completing Environmental Science, acquire the essential tools for understanding the complexities of national and global environmental systems.

- Recommended Grade Level: 9, 10,11,12
- Credits: 1-2 credits 1-2 Semester course with 1 credit per semester
- Counts as a Science course or Quantitative Reasoning course for all diplomas
- College Preparatory Course

HONORS AP BIOLOGY

3020

AP Biology is equivalent to two semester introductory college course that serves as a foundation in Biology for students wishing to enter into life science study in college. The course is focused on intensive studies of cellular structure, cellular communication, genetics and information transfer, evolution and the interactions of biological systems. A laboratory component reinforces concepts with a hands-on experience. Students are expected to be independent learners and have a mastery of biological and chemical background knowledge through previous courses. Students who take an AP Biology course will also develop advanced inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. Summer work is required for this class. Upon completion of the AP course, students are required to take the nationally administered examination in May.

- Recommended Grade Level: 9, 10,11,12
- Credits: 2 credits two semester course with 1 credit per semester
- Fulfills Biology requirement for all diplomas
- Honors Course

HONORS INTRODUCTORY BIOLOGY DE (IVY TECH BIOL 101)

3026

This course introduces the basic concepts of life. Includes discussion of cellular and organismal biology, evolution, ecology, and interaction among all living organisms. Addresses applications of biology in a global community.

- Recommended Grade Level: 9,10,11,12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 2 credits 2 semester course (3 college credits)
- Fulfills Biology requirement for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS INTRODUCTORY CHEMISTRY I DE (IVY TECH CHEM 101)

3090

This is an introductory course that includes the science of chemistry and measurement, atomic theory and the periodic table, chemical bonding, equation writing and balancing, stoichiometry, gases and acids/bases. Includes lab.

- Recommended Grade Level: 11,12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 2 credits 2 semester course (3 college credits)
- Counts as Science credits for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS ELEMENTARY CHEMISTRY WITH LAB DE (INDIANA UNIVERSITY C101/C121)

3090

This course is an introduction to aspects of general chemistry/Introduction to the techniques and reasoning of experimental chemistry.

- Recommended Grade Level: 11,12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 2 credits 2 semester course (Elem Chem - 3 college credits; Elem Chem Lab - 2 college credits)
- Counts as Science credits for all diplomas
- Honors Course
- Additional Fee and/or Book

PHYSICS I

3084

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

- Recommended Grade Level: 11,12
- Credits: 2 credits 2 semester course with 1 credit per semester
- Fulfills the Chemistry or Physics requirement for all diplomas
- Qualifies as a Quantitative Reasoning course for all diplomas
- College Preparatory Course

TOPICS IN SCIENCE: ASTRONOMY

3092

Astronomy is designed for college-bound students seeking in-depth experiences in the realms of space extending from the Earth's atmosphere to the distant reaches of the universe. Students will conduct laboratory and field investigations, use scientific methods, and make informed decisions using critical thinking and scientific problem solving. Students study the following topics: astronomy in civilization, patterns and objects in the sky, our place in space, the moon, reasons for the seasons, planets, the sun, stars, galaxies, cosmology, and space exploration. Students enrolled in this course will complete an end-of-course project and presentation such as a scientific research paper.

- Recommended Grade Level: 10,11,12
- Credits: 1 credit 1 semester course
- Counts as a science course for all diplomas
- College Preparatory Course

TOPICS IN SCIENCE: SUSTAINABILITY

3092

Sustainability is a curriculum that is designed to introduce students to major ecological concepts, the environmental problems that affect the world in which we live and methodologies that will help us manage the Earth's resources today and into the future. The course is specific course grounded in extended laboratory, field, and literature investigations into the rates of renewable resource harvest, pollution creation, and non-renewable resource depletion. Students enrolled in the course engage in an in-depth study of green engineering, ecological engineering, and Earth-systems engineering. Research of these sustainability systems will consider the long term outcomes and incorporate contributions from social sciences and ethics. Students enrolled in this course will complete an end-of-course project and presentation such as a scientific research paper.

- Recommended Grade Level: 10,11,12
- Credits: 1 credit 1 semester course
- Counts as a science course for all diplomas
- College Preparatory Course

Social Sciences

CURRENT PROBLEMS, ISSUES, AND EVENTS

1512

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

- Recommended Grade Level: 9,10,11,12
- Credits: 1 credit 1 semester course
- Counts as a Directed Elective or Elective for all diplomas
- College Preparatory Course

ECONOMICS

1514

Economics, examines the allocation of resources and their uses for satisfying human needs and wants. The course analyzes economic reasoning used by consumers, producers, savers, investors, workers, voters, and government in making decisions. Key elements of the course include the study of scarcity and economic reasoning, supply and demand, market structures, role of government, national income determination, the role of financial institutions, economic stabilization, and trade. Students will explain that because resources are limited, people must make choices and understand the role that supply, demand, prices, and profits play in a market economy. The functions of government in a market economy and market structures will be examined. Students will understand economic performance, money, stabilization policies, and trade of the United States. The behavior of people, societies and institutions and economic thinking is integral to this course.

- Recommended Grade Level: 11,12
- Credits: 1 credit 1 semester course
- Fulfills the Economics requirement for all diplomas
- College Preparatory Course

GEOGRAPHY AND HISTORY OF THE WORLD

1570

Geography and History of the World is designed to enable students to use geographical skills and historical concepts to deepen their understanding of major global themes including the origin and spread of world religions, exploration, conquest; imperialism, urbanization, innovations, and revolutions. Students will develop geographical and historical skills including forming research questions, acquiring information by investigating a variety of primary and secondary sources, organizing information by creating graphic representations, analyzing information to determine and explain patterns and trends, and presenting and documenting findings orally and/or in writing. The historical/geographical concepts used to explore global themes include change over time, origin, diffusion, physical systems, cultural landscapes and spatial distribution and interaction.

- Recommended Grade Level: 9,10
- Credits: 2 credits 2 semester course with 1 credit per semester
- Fulfills the Geography/History requirement for all diplomas
- College Preparatory Course

HONORS ECONOMICS FUNDAMENTALS DE (IVY TECH ECON 101)

1514

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

- Recommended Grade Level: 11,12
- Credits: 1 credit (3 college credits) 1 semester course
- Recommended Prerequisites: Demonstrated competency through assessment
- Fulfills the Economics requirement for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS INTRO TO AMERICAN GOVERNMENT AND POLITICS DE (IVY TECH POLS 101)

1540

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

- Recommended Grade Level: 11,12
- Credits: 1 credit (3 college credits) 1 semester course
- Recommended Prerequisites: Demonstrated competency through assessment

- Fulfills U.S. Government requirement for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS INTRODUCTION TO ETHICS DE (IVY TECH PHIL 102)

2020-2021

1574

This course introduces the student to the ethical domain as a field of philosophy by examining major concepts such as happiness, virtues and rules and applies them to practical moral problems.

- Recommended Grade Level: 11,12
- Credits: 1 credit (3 college credits) 1 semester course
- Recommended Prerequisites: Demonstrated competency through assessment
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS INTRODUCTION TO PSYCHOLOGY I DE (IVY TECH PSYC 101)

1532

This course focuses on biological foundations, learning processes, research methodologies, personality, human development and abnormal and social psychology.

- Recommended Grade Level: 11,12
- Credits: 1 credit (3 college credits) 1 semester course
- Recommended Prerequisites: Demonstrated competency through assessment
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS POLITICAL SCIENCE SEMINAR

1530

Political Science Seminar provides a framework for understanding why any government exists; the needs of a person versus that of the people and divergent theories and philosophies of how government should operate. Students will examine these in depth. Plato's Republic will be the first book we will read and discuss. This will examine Plato's theory of governmental structure with emphasis on the philosophies his "republic" is based upon. The second book will be Machiavelli's The Prince. Students will examine how medieval Italian rulers were influenced by this book and how and why these principles of "governing" are still in effect. The next book to be examined will be Huxley's Brave New World. This is an example of a utopian answer to governing. Any subsequent readings will be dictated by the direction the class is taking. The

methodology used in the class will be class discussion and debate. Students will be expected to lead the discussions. My expectations are that students will be confident enough to challenge each other when they have differing opinions and discuss/debate their differing opinions. Short, one page reflection papers based on class discussions will be required from time to time. The final academic exercise will be the construction of a government that would be suitable to specific geographic issues such as arable land, water and mineral resources. You must be able to logically connect these geographic issues to how the government and culture of the people are developed.

- Recommended Grade Level: 11,12
- Credits: 1 credit 1 semester course
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course

HONORS PRINCIPLES OF MACROECONOMICS DE (IVY TECH ECON 201)

1574

This course provides a descriptive and analytical study of fundamental concepts of national economics. It includes an analysis of the determination and fluctuations in national income and employment, monetary and fiscal policy, and international trade and finance. Economic analysis of monetary and fiscal policies is stressed.

- Recommended Grade Level: 11,12
- Credits: 1 credit (3 college credits) 1 semester course
- Recommended Prerequisites: Demonstrated competency through assessment
- Fulfills the Economics requirement for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS PRINCIPLES OF MICROECONOMICS DE (IVY TECH ECON 202)

1574

This course provides a descriptive and analytical study of the market economy and how it allocates resources. Emphasis is placed on consumer behavior, market structure, pricing, and distribution and determination of wealth and income.

- Recommended Grade Level: 11,12
- Credits: 1 credit (3 college credits) 1 semester course
- Recommended Prerequisites: Demonstrated competency through assessment
- Fulfills the Economics requirement for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS SURVEY OF AMERICAN HISTORY I DE (IVY TECH HIST 101)

1542

This course covers major themes and events in American history from domestic and global standpoints, including exploration of the New World; the colonial period; causes and results of the American Revolution; the development of the federal system of government; the growth of democracy; early popular American culture; territorial expansion; slavery and its effect; reform movements, sectionalism; causes and effects of the Civil War.

- Recommended Grade Level: 11,12
- Credits: 1 credit (3 college credits) 1 semester course
- Recommended Prerequisites: Demonstrated competency through assessment
- Fulfills 1 of 2 U.S. History requirements for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS SURVEY OF AMERICAN HISTORY II DE (IVY TECH HIST 102)

1542

This course covers major themes including the post Civil War period, western expansion, industrial growth of the nation and its effects, immigration and urban discontent and attempts at reform, World War I, the Roaring Twenties, social and governmental changes of the thirties, World War II and its consequences, the growth of the federal government, social upheaval in the sixties and seventies, and recent trends in conservatism, globalization, and cultural diversity.

- Recommended Grade Level: 11,12
- Credits: 1 credit (3 college credits) 1 semester course
- Recommended Prerequisites: Demonstrated competency through assessment
- Fulfills 1 of 2 U.S. History requirements for all diplomas
- Honors Course
- Additional Fee and/or Book

TOPICS IN SOCIAL STUDIES: AMERICAN FOREIGN POLICY

1550

Topics in Social Studies: American Foreign Policy is a class designed to connect historical American Foreign Policy with current events. We begin by examining America's power and influence in major world conflicts, such as WWI, WWII, the Korean War, Vietnam, Wars in Iraq, the Cold War, Arab-Israeli Conflict, and the War on Terror. We will look at past American policies and positions to help us understand America's current foreign policy.

- Recommended Grade Level: 9,10,11,12
- Credits: 1 credit 1 semester course
- Counts as a Directed Elective or Social Studies Elective for all diplomas
- College Preparatory Course

TOPICS IN SOCIAL STUDIES: HONORS CIVIL RIGHTS AND CIVIL LIBERTIES

1550H

Topics in Social Studies: Honors Civil Rights and Civil Liberties is a class designed to trace the development of civil rights and civil liberties in the United States. We will examine the Constitutional Law. Students will examine and discuss topics surrounding the application of the rights (freedom of speech, assembly, press, gun rights, voting rights, etc) throughout U.S. history and examine the movements and groups that fought for those rights. This is a seminar class and students are expected to engage in thoughtful and respectful discourse.

- Recommended Grade Level: 11,12
- Credits: 1 credit 1 semester course
- Counts as a Directed Elective or Social Studies Elective for all diplomas
- Honors Course

UNITED STATES HISTORY

1542

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

- Recommended Grade Level: 11,12
- Credits: 2 credits 2 semester course with 1 credit per semester
- Fulfills the U.S. History requirement for all diplomas
- College Preparatory Course

UNITED STATES GOVERNMENT

1540

United States Government provides a framework for understanding the purposes, principles, and practices of constitutional representative democracy in the United States. Responsible and effective participation of citizens is stressed. Students will understand the nature of citizenship, politics, and governments and understand the rights and responsibilities of citizens and how these are part of local, state, and national government. Students will examine how the United States Constitution protects the rights and provides the structure and functions of various levels of

government. How the United States interacts with other nations and the government's role in world affairs will be examined. Using primary and secondary resources, students will articulate, evaluate, and defend positions on political issues. As a result, they will be able to explain the role of individuals and groups in government, politics, and civic activities and the need for civic and political engagement of citizens in the United States.

- Recommended Grade Level: 11,12
- Credits: 2 credits 2 semester course with 1 credit per semester
- Fulfills the U.S. Government requirement for all diplomas
- College Preparatory Course

HONORS AP WORLD HISTORY

1576

AP World History is designed to be the equivalent of a two-semester introductory college or university world history course. In AP World History students investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures. Upon completion of the AP course, students are required to take the nationally administered examination in May.

- Recommended Grade Level: 9,10, 11,12
- Credits: 2 credits 2 semester course with 1 credit per semester
- Counts as a Directed Elective or Social Studies Elective for all diplomas
- Honors Course

Theology

CHRISTIAN LIFESTYLES

0550

The purpose of this course is to introduce students to the Church's social teaching. In this course, students are to learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission.

- Recommended Grade Level: 10, 11,12
- Credits: 1 credit 1 semester course
- Fulfills 1 of 7 required Theology credits for all diplomas
- College Preparatory Course

INTRODUCTION TO CATHOLICISM

0550

An introductory theology class for students that are not Catholic/or have not received the sacraments.

- Required for new non-Catholic students
- Non-Catholic students are required to take this in their first fall semester
- Recommended Grade Level: 9,10, 11,12
- Credits: 2 credits 2 semester course with 1 credit per semester
- Fulfills 1 of 7 required Theology credits for all diplomas
- College Preparatory Course

JESUS CHRIST'S MISSION CONTINUES IN THE CHURCH

0550

The purpose of this course is to help students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course students will learn not so much about the events in the life of the Church but about the sacred nature of the Church.

- Recommended Grade Level: 10, 11,12
- Credits: 1 credit 1 semester course
- Fulfills 1 of 7 required Theology credits for all diplomas
- College Preparatory Course

LIFE IN JESUS CHRIST (MORALITY)

0550

The purpose of this course is to help students understand that it is only through Christ that they can fully live out God's plan for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.

- Recommended Grade Level: 10, 11,12
- Credits: 1 credit 1 semester course
- Fulfills 1 of 7 required Theology credits for all diplomas
- College Preparatory Course

SOCIAL JUSTICE ISSUES

0550

Social Justice course teaches the Seven Principles of Social Justice. The Seven Principles of Social Justice is the Catholic Social Teaching which is essential to our faith. Catholic Social Teaching deals with how society should be organized so individuals may more easily fulfill their earthly journey and ultimately achieve union with our loving God in eternity.

- Recommended Grade Level: 10,11,12
- Credits: 1 credit 1 semester course
- Fulfills 1 of 7 required Theology credits for all diplomas
- College Preparatory Course

THE MISSION OF JESUS CHRIST

0550

The purpose of this course is to help students understand all that God has done for us through His Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with Him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

- Recommended Grade Level: 10, 11,12
- Credits: 1 credit 1 semester course
- Fulfills 1 of 7 required Theology credits for all diplomas
- College Preparatory Course

THE REVELATION OF JESUS CHRIST IN SCRIPTURE

0550

The purpose of this course is to give students general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible, students will come to encounter the living Word of God, Jesus Christ. In the course they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, students will learn to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.

- Recommended Grade Level: 9
- Credits: 1 credit 1 semester course
- Fulfills 1 of 7 required Theology credits for all diplomas
- College Preparatory Course

THE SACRAMENTS AS PRIVILEGED ENCOUNTERS WITH JESUS CHRIST

0550

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life.

- Recommended Grade Level: 9
- Credits: 1 credit 1 semester course
- Fulfills 1 of 7 required Theology credits for all diplomas
- College Preparatory Course

WHO IS JESUS CHRIST?

0550

The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. In this course, students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who Jesus is, the students will also learn who He calls them to be.

- Recommended Grade Level: 10,11,12
- Credits: 1 credit 1 semester course
- Fulfills 1 of 7 required Theology credits for all diplomas
- College Preparatory Course

WORLD RELIGIONS

0550

The purpose of this course is to help students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. Building on the foundational truth that Jesus Christ established the Catholic Church and entrusted to her the fullness of God's Revelation, the course is intended to help students recognize the ways in which important spiritual truths can also be found in non-Catholic Christian Churches and ecclesial communities as well in non-Christian religions.

- Recommended Grade Level: 10,11,12
- Credits: 1 credit 1 semester course
- Fulfills 1 of 7 required Theology credits for all diplomas
- College Preparatory Course

Trade & Industrial Education

HONORS INTRO TO CRIMINAL JUSTICE SYSTEMS DE (IVY TECH CRIM 101)

5822

Introduction to Criminal Justice Systems introduces topics related to the adjudication process in criminal cases, including arraignments and preliminary hearings, suppression hearings, trials, sentencing, juvenile court, and probation and parole. Reviews the role of criminal justice personnel in court processes

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 1 credit course (3 college credits)
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

HONORS INTRODUCTION TO LAW ENFORCEMENT DE (IVY TECH CRIM 110)

5822

Introduction to Law Enforcement introduces fundamental law enforcement operations and organization. Includes the evolution of law enforcement at federal, state, and local levels.

- Recommended Grade Level: 11, 12
- Prerequisites: CRIM 101
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 1 credit course (3 college credits)
- Counts as a Directed Elective or Elective for all diplomas
- Honors Course
- Additional Fee and/or Book

World Languages

ENGLISH AS A NEW LANGUAGE I, II, III

2188

English as a New Language, an integrated English course based on Indiana’s English Language Proficiency (ELP) Standards, is the study of language, literature, composition and oral communication for Limited English Proficient (LEP) students 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.

- Recommended Grade Level: 9,10,11,12
- Credits: 2 credits 2 semester course with 1 credit per semester
- If ENL course work addresses Indiana’s Academic Standards for World Languages and is taken concurrently with another English/Language Arts course, up to four (4) credits accrued may count as a World Language credit for all diplomas
- College Preparatory Course

FRENCH I

2020

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

- Recommended Grade Level: 9
- Credits: 2 credits 2 semester course with 1 credit per semester
- Fulfills 2 of 6 required World Language credits for all diplomas
- College Preparatory Course

FRENCH II

2022

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

- Recommended Grade Level: 10
- Credits: 2 credits 2 semester course with 1 credit per semester
- Fulfills 2 of 6 required World Language credits for all diplomas
- College Preparatory Course

FRENCH III

2024

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

- Recommended Grade Level: 11
- Credits: 2 credits 2 semester course with 1 credit per semester
- Fulfills 2 of 6 required World Language credits for all diplomas
- College Preparatory Course

HONORS FRENCH LANGUAGE AND CULTURE AP

2032

The AP French Language and Culture course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. Students should learn language structures in context and use them to convey meaning. In standards-based world language classrooms, the instructional focus is on function and not the examination of irregularity and complex grammatical paradigms about the target language. Language structures should be addressed inasmuch as they serve the communicative task and not as an end goal unto themselves. The AP French Language and Culture course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. In order to best facilitate the study of language and culture, the course is taught in the target language. This course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of products, both tangible (i.e. tools, books, music) and intangible (i.e. laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions that underlie both practices and products). Upon completion of the AP course, students are required to take the nationally administered examination in May.

- Recommended Grade Level: 12
- Credits: 2 credits 2 semester course with 1 credit per semester
- Counts as World Language credit for all diplomas
- Honors Course

HONORS FRENCH LEVEL I (FRENCH III) DE (IVY TECH FREN 101)

2024

This course is an introductory course in French. Introduces the French language and Francophone culture through communicative activities intended to develop oral communication skills and listening comprehension skills. Emphasis is placed on learning basic grammar and vocabulary necessary for successful communication while laying a foundation for further study.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 2 credits 2 semester course with 1 credit per semester (4 college credits)
- Counts as World Language credit for all diplomas
- Honors Course
- Additional Fee and/or Book

SPANISH I

2120

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

- Recommended Grade Level: 9
- Credits: 2 credits 2 semester course with 1 credit per semester
- Fulfills 2 of 6 required World Language credits for all diplomas
- College Preparatory Course

SPANISH II

2122

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

- Recommended Grade Level: 10
- Credits: 2 credits 2 semester course with 1 credit per semester
- Fulfills 2 of 6 required World Language credits for all diplomas
- College Preparatory Course

SPANISH III

2124

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

- Recommended Grade Level: 11
- Credits: 2 credits 2 semester course with 1 credit per semester
- Fulfills 2 of 6 required World Language credits for all diplomas
- College Preparatory Course

SPANISH IV Honors

2126

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

- Recommended Grade Level: 12
- Credits: 2 credits 2 semester course with 1 credit per semester
- Counts as World Language elective for all diplomas
- Honors Course

HONORS SPANISH LEVEL I (SPANISH III) DE (IVY TECH FREN 101)

2124

This course is an introductory course in Spanish. It focuses on developing students' capacity to use the language and to appreciate Spanish-speaking cultures. Emphasis is placed on the skills of listening, speaking, reading, writing, and grammar acquisition.

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: Demonstrated competency through assessment
- Credits: 2 credits 2 semester course with 1 credit per semester (4 college credits)
- Counts as World Language credit for all diplomas
- Honors Course
- Additional Fee and/or Book

WORLD LANGUAGE IMMERSION

2304

World Language Immersion is a world language program taught on-line through the Rosetta-Stone Program. Immersion courses at this level can focus on the development of advanced communication and literacy skills in the world language. Thus, world language learning is incorporated as necessary throughout the curriculum; language, content and culture are interwoven throughout instruction. Students in these courses may reach higher levels of functional proficiency than through standard high school world language courses.

- Recommended Grade Level: 11,12
- Credits: 2 credits 2 semester course with 1 credit per semester
- Available for students after completing three (3) World Language courses, or students wishing to take additional language credits
- Counts as World Language elective for all diplomas
- College Preparatory Course