

South Spencer High School

2023/2024 Course Descriptions

Introduction

This booklet contains information intended to guide students and parents through the process of planning and updating their high school curriculum.

The first section contains course descriptions for all of the courses we offer at South Spencer High School. Each description identifies the course title, what grade level a student must be at to take the course, and the prerequisites or classes which must be taken before taking the course. In the description the course content is described as well as information about the length of the course and the credits possible. Some courses are listed as being one-semester, and others as year-long.

***Courses offered during the 2023/24 year highlighted in Yellow**

***AP / College Credit / Weighted Grade classes are marked with Red**

One-semester classes are marked in Blue

Year-long classes are marked in Green

English

2023/24 English 9, 10, 11, 12; English 11H, English 12G, AP English, Mass Media

1002 English 9

Grade 9

Prerequisite: None

English 9 is a year-long, two-credit course that integrates the study of literature, composition, and oral communication, English 9 students further develop their use of language as a tool for learning and thinking and as a source of pleasure. Students practice identifying, analyzing, and composing with different elements, structures, and genres of written language. Literature instruction focuses on opportunities to:

read and comprehend a broad variety of literature applying appropriate reading strategies to enhance reading skills and literary appreciation which includes the ability to: (1) identify and analyze the elements of story structure, (2) utilize literature and expository material related to the world of work and technical documents, (3) identify literature by genre, (4) identify the authors purpose and perspective, (5) recognize bias and propaganda, and (6) identify and analyze elements of drama; and develop vocabulary through: (1) decoding, (2) the use of Greek and Latin roots: (3) literary terms and the use of glossaries, (4) contextual clues, and (5) independent reading.

1004 English 10

Grade 10

Prerequisite: English 9

English 10 is a year-long, two-credit course that reinforces and continues to make full use of many of the activities and skills of English 9. Beyond these, English 10 adds the following emphasis: (1) consideration of a given canon of literature, usually American Literature; and (2) increased focus on the self-conscious choice of comprehension and writing strategies. The last 9 week grading period students will be required to study the communication process, prepare and deliver a variety of public speaking skills.

1006 English 11

Grade 11

Prerequisite: English 10

English 11 is a year-long, two-credit course that integrates the study of literature, composition, and oral communication, English 11 students further develop their use of language as a tool for learning and thinking and as a source of pleasure. In English 11, students move from predominantly analyzing and using the elements of written language to making judgments based on those analyses. English 11 also incorporates a literary canon, much of which is from a culture or time period different from that of the students B usually a survey of British Literature or American Literature from different periods. Literature instruction focuses on opportunities to:

develop criteria for judging and analyzing literary works, speeches, essays, and poetry;
select appropriate reading skills and strategies to: (1) distinguish elements in literature that make it a reflection of the social, economic, political thinking, or condition of the times; (2) analyze literature as it reflects divergent points of view; and (3) identify how contemporary writing reflects past tradition and movements;
read works of British Literature from the Anglo-Saxon period to the Modern period, which includes essays, short stories, poetry, novels, and dramatic works;

respond critically, reflectively, and imaginatively to American Literature, including major authors from the Puritan Era, Age of Reason, the Romantic Period, the Civil War Era, the Twenties, Modern Black Literature, the Forties, the Fifties, and Modern Drama, and recognize the relevance of this literature in today's world; and
develop vocabulary through: (1) decoding, (2) the use of Greek and Latin roots, (3) literary terms and the use of glossaries, (4) contextual clues, (5) recognizing analogies, and (6) independent reading.

1006H **English 11 Honors** **Grade 11**

Prerequisite: English 9-10, Grade of "B", completed the PSAT, Passed ELA on SAT, Completed outside reading requirements

English 11 Honors is a year-long, two-credit pre-AP English course. Students will prepare for the skills practiced in the English 12 AP/College Credit course.

1008 **English 12G** **Grade 12**

Prerequisite: English 11

English 12 is a year-long, two-credit course that meets the 12th grade English requirement for a General diploma. This course is not a CORE40 or AHD course.

1008 **English 12** **Grade 12**

Prerequisite: English 11

English 12 is a year-long, two-credit course that contributes to refine student's ability and desire to learn and communicate about language and literature. Students will use literacy, interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical and cultural literature.

1124 **English Language and Composition** **Grade 12**
AP and College Credit (Weighted Grade)

Prerequisite: English 11 Honors, Grade of B, Completed outside reading and writing grade of 70% on the reading tests

AP/College Credit Composition is a year-long, two-credit course. All students will complete the AP curriculum with some students also opting to earn college credits. The college credit option would earn students three credits through Indiana University. This course meets the college freshmen writing requirement at most universities and the high school 12th grade English requirement. Writing assignments will be frequent, including weekly in-class essays and periodic research papers. Students will also be expected to participate fully in class discussions and make presentations. Students should make use of technological resources both in researching and in producing their papers.

Possible to earn 3 college credits through IU, cost is \$25 per credit

1084 **Mass Media** **Grade 11-12**

Prerequisite: Computer Skills

Student Publications/Mass Media is a year-long, two-credit course based on the principles of journalism, photography, and mass media. Yearbook Staff demonstrate their ability in journalistic writing and design for production and publication of the high school yearbook and a variety of media formats. Students work both independently and as a staff on a yearlong project. From choosing an initial theme and designing a cover, to marketing and budgeting the finished product, students collaborate within the school and the community to produce a quality yearbook. Potential staff members must be driven, open-minded, able to work well with others, and committed to the ultimate goal of making a yearbook that is always better than the year before.

Fine Arts

Art

Not all of our Art courses will be offered each school year. This allows our students to experience as many Art courses as they would like during their four years of high school. Students must use the following information to request classes, and complete their 4-Year Plan:

2023/24 Intro to 2-D, Visual Communications, Ceramics, Painting

4000 **Introduction to Two-Dimensional Art** **Grades 9-12**

Prerequisite: None

Intro to Two-Dimensional Art is a one-semester, one-credit course that introduces each student to the fundamentals of two-dimensional art. Students will participate in examples of art history, aesthetic experiences, criticism, production, careers and integrated studies. Problems move from simple exercises to original pieces.

4002 Introduction to Three-Dimensional Art**Grades 9-12****Prerequisite: None**

Intro to Three-Dimensional Art is one-semester, one-credit course that introduces each student to the fundamentals of three-dimensional design. Students will participate in examples of art history, aesthetic experiences, criticism, and production, careers and integrated studies. Students in this course will explore the use of a variety of materials and discover multiple sculptural styles.

4004 Advanced Two-Dimensional Art**Grades 10-12****Prerequisite: Intro to 2-D Art**

Advanced Two-Dimensional Art is a one-semester, one-credit course. This course builds on the sequential learning experiences of Intro to Two-Dimensional Art and includes art history, art criticism, and art production, careers and integrated studies. The nature of this course allows for successive semesters of instruction at an advanced level.

4006 Advanced Three-Dimensional Art**Grades 10-12****Prerequisite: Intro to 3-D Art**

Advanced Three-Dimensional Art is a one-semester, one-credit course. This course builds on the sequential learning experiences of Intro to Three-Dimensional Art and includes art history, art criticism, and art production, careers and integrated studies. The nature of this course allows for successive semesters of instruction at an advanced level.

4040 Ceramics (L)**Grades 9-12****Prerequisite: None**

Ceramics is a one-semester, one-credit course. 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. Additionally, students: (1) reflect upon the outcome of these experiences, (2) explore cultural and historical connections, (3) write about the process, (4) make presentations about their progress at regular intervals, (5) work individually and in groups, (6) find direct correlations to other disciplines, and (7) explore career options related to ceramics. Art museums, galleries, studios, and community resources are utilized.

4064 Painting (L)**Grades 9-12****Prerequisite: None**

Painting is a one-semester, one-credit course. Students taking the class in painting engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production that lead to the creation of portfolio quality works. Within this context, students: (1) create abstract and realistic paintings, (2) reflect upon the outcome of these experiences, (3) explore historical connections, (4) write about the process, (5) make presentations about their progress at regular intervals, (6) work individually and in groups, (7) find direct correlations to other disciplines, and (8) explore career options related to painting. Art museums, galleries, studios and/or community resources are utilized.

4082 Digital Design**Grades 9-12****Prerequisite: None**

Digital Design is a one-semester, one-credit course. Digital Design is a course based on the Indiana Academic Standards for Visual Art. Students in digital design engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. They incorporate desktop publishing, multi-media, digitized imagery, computer animation, and web design. Students reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; 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

Prerequisite: None

Visual Communications is a one-semester, one-credit course. Visual Communication is a course based on the Indiana Academic Standards for Visual Art. Students in visual communication engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production and lead to the creation of portfolio quality works. They create print media utilizing graphic design, typography, illustration, and image creation with digital tools and computer technology. Students reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; 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. Students in printmaking engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production that lead to the creation of portfolio quality works. Within this context, students create abstract and realistic prints utilizing processes such as etching, relief, and lithography. Additionally, students: (1) reflect upon the outcome of these experiences, (2) explore historical connections, (3) write about the process, (4) make presentations about their progress at regular intervals, (5) work individually and in groups, (6) find direct correlations to other disciplines, and (7) explore career options related to printmaking. Art museums, galleries, studios, and community resources are utilized.

Music

2023/24 Marching Band, Concert Band, Applied Music: Percussion, Applied Music: Guitar, Beg. Choir, Adv. Choir

4170M Advanced Concert Band - 1st Sem Marching Band

Grades 9-12

4170C Advanced Concert Band - 2nd Sem Concert Band

Prerequisite: Middle school Band or Private Lessons

Advanced Concert Band is a two-semester, two-credit course based on the Indiana Academic Standards for High School Instrumental Music. This course provides students with a balanced comprehensive study of music through the concert band, which develops skills in the psychomotor, cognitive, and affective domains. Ensemble and solo activities are designed to develop elements of musicianship including tone production, technical skills, intonation, music reading skills, listening skills, analyzing music, studying historically significant styles of literature, and integration of other applicable disciplines.

Experiences include improvising, conducting, playing by ear, and sight-reading. Students develop the ability to understand and convey the composer's intent in performance of music. Time outside of the school day will 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 including concerts, parades, rehearsals, and attendance at athletic events.

4182 Beginning Chorus

Grades 9-12

Prerequisite: None

Beginning Chorus is a two-semester, two-credit course (may be taken for successive semesters) that develops musicianship and specific performance skills through ensemble and solo singing. Activities in this class create the development of quality repertoire in the diverse styles of choral literature appropriate in difficulty and range for the students. Instruction is designed so that students are enabled to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. Chorus classes provide instruction in creating, performing, conducting, listening to, and analyzing, in addition to focusing on the specific subject matter. Students have the opportunity to experience live performances by professionals during and outside of the school day. A limited amount of time, outside of the school day, may be scheduled for dress rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and music goals. Students must participate in performance opportunities, outside of the school day, that support and extend the learning in the classroom.

4188 Advanced Chorus

Grades 10-12

Prerequisite: Beginning Chorus or Director Approval

Advanced Chorus is a two-semester, two-credit course (may be taken for successive semesters) that develops musicianship and specific performance skills through ensemble and solo singing. Activities create the development of a quality repertoire in the diverse styles of choral literature appropriate in difficulty and range for the students. Instruction is designed to enable students to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. Chorus classes provide instruction in creating, performing, conducting, listening to, and analyzing, in addition to focusing on the specific subject matter. Students develop the ability to understand and convey the composer's intent in order to connect the performer with the audience. Students have the opportunity to experience live performances by professionals during and outside of the school day. A limited amount of time, outside of the school day, may be scheduled for dress rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and music goals.

Students must participate in performance opportunities, outside of the school day, that support and extend the learning in the classroom. The choral repertoire must be of the highest caliber. Mastery of basic choral technique must be evident. Areas of refinement include a cappella singing, sight-reading, and critical listening skills.

4200 Applied Music (Guitar)

Grades 9 - 12

Prerequisite: None

Applied Music is a two-semester, two-credit course based on the Indiana Academic Standards for High School Instrumental Music. Applied Music offers high school students the opportunity to receive small group instruction designed to develop and refine performance skills related to the guitar. A variety of music methods and repertoire is utilized to refine students' abilities in performing, creating, and responding to music.

4200P Applied Music (Percussion)

Grades 9 - 12

Prerequisite: None

Applied Music is a two-semester, two-credit course based on the Indiana Academic Standards for High School Instrumental Music. Applied Music offers high school students the opportunity to receive small group instruction designed to develop and refine performance skills related to percussion. A variety of music methods and repertoire is utilized to refine students' abilities in performing, creating, and responding to music. Students will need to have outside access to the instruments utilized during class.

Health, Physical Education, and Safety**2023/24 P.E. 9, Elective PE, Weight Training****3542 Physical Education I (L) (Required of all Freshmen)**

Grade 9

Prerequisite: None

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

This course is required to meet state graduation requirements, Academic Honors diploma, and Core 40 requirements.

3506 Health Education

Grade 9

Prerequisite: None

Health Education is a one-semester, one-credit course that provides the basis for the continued methods of developing knowledge, concepts, skills, behaviors, and attitudes related to student health and well-being. This course includes the major content areas in a planned, sequential, and comprehensive health education curriculum as expressed in the Indiana Health Education Standards Guide: (1) Growth and Development; (2) Mental and Emotional Health; (3) Community and Environmental Health; (4) Nutrition; (5) Family Life; (6) Consumer Health; (7) Personal Health; (8) Alcohol, Tobacco, and Other Drugs; (9) Intentional and Unintentional Injury; (10) Health Promotion and Disease Prevention. **Health will be integrated with PE through APEX during 9th grade.**

3560 Elective Physical Education

Grades 10-12

Prerequisite: PE I

Elective Physical Education is a one-semester, one-credit course that promotes lifetime sport and recreational activities and provides an opportunity for an in-depth study in specific areas. A minimum of two of the following activities should be included: (1) health-related fitness activities (cardiorespiratory endurance, muscular strength and endurance, flexibility and body composition), (2) team sports, (3) individual or dual sports, (4) aquatics and, (5) outdoor pursuits. It includes the study of physical development concepts and principles of sport and exercise as well as opportunities to develop or refine skills and attitudes that promote lifelong fitness. Students have the opportunity to design and develop an appropriate personal fitness program that enables them to achieve a desired level of fitness. Ongoing assessment includes both written and performance-based skill evaluation.

May be taken in successive semesters for a maximum of 6 credits.

3560W Weight Training & Conditioning

Grades 10-12

Prerequisite: PE I

Weight Training & Conditioning is a one-semester, one-credit course. It involves a physically demanding program of weight training and fitness activities designed to enhance strength, speed, agility, flexibility, jumping and coordination for student athletes. In addition to written assessments, students will be required to take periodic performance-based strength and fitness tests before or after school.

*May be taken in successive semesters.

Mathematics

2023/24 Algebra I, Algebra II, Geometry, Pre-Calc., AP Calculus, Probability and Stats

2520 Algebra I

Grades 9-12

Prerequisite: Passing grade in 8th grade math

Algebra I is a year-long, two-credit course that 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.

2522 Algebra II

Grades 10-12

Prerequisite: Algebra I

Algebra II is a year-long, two-credit course. A good portion of the first semester focuses on review of Algebra I concepts. The remainder of the year is devoted to: quadratic equations, imaginary numbers, trigonometry, systems of linear equations, conic sections, and rational expressions.

2532 Geometry

Grade 10

Prerequisite: Algebra I

Geometry is a year-long, two-credit course which develops a students reasoning skills, both deductive and inductive. Through studying different geometric shapes the student will see how Geometry is a part of our environment. The concepts of congruency, similarity, trigonometric ratios, area and volume are stressed.

2546 Probability and Statistics

Grades 11-12

Prerequisite: Algebra II

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

2544 Pre-Calculus

Grades 11-12

Prerequisite: Algebra II *students required to have a graphing calculator

Pre-Calculus is a year-long, two-credit course open to Juniors or Seniors preparing for college and interested in advancing to AP Calculus. The class includes the topics of polynomial equations, logarithms, functions, conic sections, and trigonometry. Student have the opportunity to earn dual credit if they meet certain requirements.

2562 AP Calculus (Weighted Grade)

Grade 12

Prerequisite: Pre-Calculus with a grade of "B" or higher

Calculus, Advanced Placement is a year-long, two-credit course that provides students with the content established by the College Board. Topics include: (1) functions, graphs, and limits, (2) derivatives, and (3) integrals. The use of graphing technology is required. Student have the opportunity to earn dual credit if they meet certain requirements.

Multi-disciplinary

520 Peer Tutoring

Grades 11-12

Prerequisite: Application / Teacher Recommendation

Peer Tutoring is a one-semester, one-credit course, that provides high school students with an organized exploratory experience to assist students in kindergarten through grade twelve (K-12), through a helping relationship, with their studies and personal growth and development. The course provides opportunities for the students taking the course to develop a basic understanding of individual differences and to explore career options in related fields. Peer Tutoring experiences are preplanned by the teacher trainer and any cooperating teacher under whom the tutoring is to be provided. It must be conducted under the supervision of a licensed teacher. The course provides a balance of class work relating to the development of and use of: (1) listening skills, (2) communication skills, (3) facilitation skills, (4) decision-making skills, and (5) teaching strategies.

0500MD Basic Skills Development - Resource, 1 credit/sem (including 504 students)**Grades 9-12**

Basic Skills Development is a one semester course that can be taken two consecutive semesters that provides assistance for students who have an Individualized Education Plan (IEP) or students who have a 504 plan. This course allows students to work with the Special Education teachers on goal work and gives them time at school to study and work on Academic skills. This class is only for students who have an IEP or a 504 plan. This is not a required course.

Science**2023/24 Biology, Biology Honors, Environmental Science, ICP, Chemistry, AP Biology, AP Chemistry, Anatomy & Physiology****3024 Biology I (L)****Grades 9-12****Prerequisite: None**

Biology I is year-long, two-credit course based on the following core topics: cellular structure and function, matter cycles and energy transfer; interdependence; inheritance and variation in traits; evolution. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation by designing and conducting investigations guided by theory and by evaluating and communicating the results of those investigations according to accepted procedures.

3030A Applied Biology I**Grades 9-12****Prerequisite: None**

Applied Biology I is a year-long, two-credit course based on the following core topics: cellular chemistry, structure and reproduction; matter cycles and energy transfer; interdependence of organisms; molecular basis of heredity; genetics and evolution. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation by designing and conducting investigations guided by theory and by evaluating and communicating the results of those investigations according to accepted procedures. This is for students on a Certificate of Completion track.

3024H Biology I Honors (L)**Grade 9****Grades 9-12****Prerequisite: Teacher Recommendation (generally will have a B or better in 8th grade Math or Science)**

Biology I Honors is an advanced, year-long, two-credit course based on regular laboratory and field investigations that include a study of the structures and functions of living organisms and their interactions with the environment. Biology I will cover four major units based on the Indiana state standards and to prepare students for the ILEARN exam to be given in the spring: Cellular Structure and Function, Matter Cycles and Energy Transfer, Interdependence, Inheritance and Variation in Traits, and Evolution. Focus will be placed on developing and using models, analyzing data, constructing and communicating explanations, and evaluating claims with evidence. A focus will be made on becoming an independent thinker, making connections between scientific phenomena, and critical thinking skills.

**If a student received an F letter grade the first semester, then they will automatically be switched to a Biology I course for second semester.

3010 Environmental Science**Grades 11-12****Prerequisite: Biology required**

Environmental Science is a year-long, two-credit course which integrates biology, earth science, chemistry, and other disciplines. Students will conduct studies of environmental systems, flow of matter and energy, natural disasters, environmental policies, biodiversity, population, pollution, and natural and anthropogenic resource cycles. Students formulate, design, and carry out laboratory and field investigations as an essential course component. Students also be introduced to national and global environmental systems.

3092 Topics in Science**Grades 10-12****Prerequisite: Biology Recommended.**

Topics in Science is a year-long, two credit course that provides students with individualized instruction designed to engage them in various topics such as disease, DNA, forensics, etc. Counts as a Science credit for all diplomas.

5276 Anatomy & Physiology**Grades 11-12****Prerequisites: Biology I (L) or Biology I Honors (L), Chemistry I or Phys-Chem with a C or better**

Anatomy & Physiology is a two semester, two-credit college-bound elective course designed to provide information about the structure and function of the human body in lecture and laboratory settings. It is especially designed for students who are pursuing degrees/careers in science/health fields or can be used for students as a general education science course that will help them understand the human body and medical issues. Topics include medical terminology, the physical basis of life and the systems of the human body. **This course is also available as a CAP course (BIO 105) through USI for non-major Biology college credit at \$25 per credit hour (4 credit hours).**

3026	Biology II (L)	**See AP Biology description	Grades 11-12
3020	AP Biology (College Credit) (Weighted Grade)		Grades 11-12
Prerequisite: Biology I Honors (C or better), Chemistry I, Teacher discretion			
<p>AP Biology is a second semester, two-credit course (offered in a two-period block, 1st semester students will be enrolled in Biology II for a two period block) that offers students the equivalent of a college introductory biology course usually taken by biology majors during their first year. Biology: Advanced Placement (L) aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Students may earn credit, advanced placement, or both for college based on their score on the AP exam. Students will take the Advanced Placement exam in May on the same date as students throughout the United States. On a scale of 5, a student must score a 3 or higher to be eligible for college credit. Different institutions provide differing credits based on score. This course follows the Curriculum Framework provided by the College Board and is more than 25% lab work. A high emphasis will be placed on reasoning, analysis, inquiry, making connections, and critical thinking. Biology: Advanced Placement (L) qualifies as a quantitative reasoning course.</p> <p>**Students requesting this course must also request Biology II.</p>			

3064	Chemistry I (L)	Grades 10-12
Prerequisite: Biology I/Biology I Honors, Algebra I		
Grade of C or higher in Algebra I is strongly recommended for success in Chemistry I		
<p>Chemistry I is a year-long, two-credit course based on the following core topics: properties and states of matter; atomic structure and the Periodic Table; bonding and molecular structure; reactions and stoichiometry; behavior of gases; thermochemistry; solutions; acids and bases. Students enrolled in Chemistry I compare, contrast, and synthesize useful models of the structure and properties of matter and the mechanisms of its interactions. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation by designing and conducting investigations guided by theory and by evaluating and communicating the results of those investigations according to accepted procedures.</p> <p>This course is at least 25% laboratory work.</p>		

3108	Integrated Chemistry-Physics (ICP)	Grades 9-10
Prerequisite: Algebra 1 (may be taken concurrently with this course)		
<p>Integrated Chemistry-Physics (ICP) is a year-long, two-credit course focused on the following core topics: constant velocity; uniform acceleration, Newton's Laws of motion (one dimension); energy; particle theory of matter; describing substances; representing chemical change; electricity and magnetism; waves; nuclear energy. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation by designing and conducting investigations guided by theory and by evaluating and communicating the results of those investigations according to accepted procedures.</p>		

3060	AP Chemistry (Weighted Grade)	Grades 11-12
Prerequisite: Biology I Honors (C or better), Chemistry I, Algebra II, Teacher discretion		
<p>AP Chemistry is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. The content includes: (1) structure of matter: atomic theory and structure, chemical bonding, molecular models, nuclear chemistry; (2) states of matter: gasses, liquids and solids, solutions; and (3) reactions: reaction types, stoichiometry, equilibrium, kinetics and thermodynamics.</p>		

3084	Physics	Grades 11-12
Prerequisite: Chemistry or ICP, Teacher discretion		
<p>Physics I incorporates high school Disciplinary Core Ideas, Science and Engineering Practices, and Crosscutting Concepts to help students gain a three dimensional understanding of Physics topics. Disciplinary Core Ideas for this course include Forces and Interactions, Energy, Wave Properties, and Electromagnetic Radiation. Instruction focuses on the observation of phenomena to develop an understanding of how scientific knowledge is acquired.</p>		

Social Studies

Not all of our Social Studies courses will be offered each school year. The required courses: World History, US History, Government, and Economics, will be offered every year. The elective courses, which are all mini's, will be on a two year rotation. See the list below to help you with which courses will taught during a specific year.

2023/24 World History, AP World History, US History, AP US History, Psychology, Sociology, Government, Economics, Ethnic Studies, Current Events, WWII, Personal Finance, Topics in SS: Psych

1518 Indiana Studies

Grades 9-12

Prerequisite: None

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

1516 Ethnic Studies

Grades 9-12

Prerequisite: None

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

1512 Current Events

Grades 9-12

Prerequisite: None

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

1550PF Topics in Social Science - Personal Finance

Grades 9-12

Prerequisite: None

Topics in Social Science - Personal Finance is a one-semester, one-credit course that may be taken for only one term if necessary. Students in this course will have the opportunity for in-depth study of a specific topic, theme, or concept in one or more of the social science disciplines.

1548 World History and Civilization

Grade 10

Prerequisite: None

Required for all Sophomores

World History is a year-long, two-credit course required for all Sophomores that provides for a study of selected world cultures, past and present. The content of this course provides a basis for students to compare and analyze patterns of culture, emphasizing both the diversity and commonality of human experience and behavior. This course emphasizes the interaction of local cultures with the natural environment, as well as the connections among civilizations from earliest times to the present. This course may be designed to focus on: (1) prehistory; (2) early world civilizations, including the rise of civilizations of the Middle East, Africa, and Asia; (3) the classical civilizations of Europe, Asia, Africa, and Latin America; and (4) the development of modern societies. This course might also trace important themes in human history or be designed to focus on a comparative study of two or more selected societies.

1576 AP World History and Civilization (Weighted Grade)

Grade 10

Prerequisite: At least an 85% in English and the completion of the summer packet

AP World History and Civilization is: year-long, two-credit course which follows College Board Entrance Exam guidelines for advanced placement, (2) satisfies Core 40 and Academic Honors Diploma requirements, (3) prepares students to take the AP Exam in the spring. The content of this course will be basically the same as that of the regular World History with all areas being covered in much greater detail. All students taking this course will be required to take the AP exam in the Spring. Some outside reading may be assigned over the summer for preparation.

1542 United States History**Grade 11****Prerequisite: None****Required for all Juniors**

U.S. History is a year-long, two-credit course that emphasizes national development in the late nineteenth and the twentieth centuries and builds upon concepts developed in previous studies of American history. Students in this course also identify and review significant events, figures, and movements in the early development of the nation. After providing such a review, the course gives major emphasis to the interaction of historical events and geographic, social, and economic influences on national development in the late nineteenth and twentieth centuries. A chronological, topical, or comparative approach can be used in developing themes from America's past as they relate to life in Indiana and the United States today. Students demonstrate the ability to trace and analyze chronological periods and examine the relationships of significant themes and concepts in United States history. Students will be able to sequence historical events, examine cause and effect, identify different perspectives, and relate historical situations to current issues.

1562 AP United States History (Weighted Grade)**Grade 11****Prerequisite: Completion of the summer packet**

AP United States History is a year-long, two-credit course which follows College Board Entrance Exam guidelines for advanced placement, (2) satisfies Core 40 and Academic Honors Diploma requirements, (3) prepares students to take the AP Exam in the spring. The content of this course will be basically the same as that of the regular World History with all areas being covered in much greater detail. All students taking this course will be required take the AP exam in the Spring.

1532 Psychology**Grades 11-12****Prerequisite: None**

Psychology is a one-semester, one-credit course that deals primarily with the individual, his personality, and especially with the development and improvement of self-concept. Content for the course includes insights into behavior patterns and adjustments to social environments.

1534 Sociology**Grades 11-12****Prerequisite: None**

Sociology is a one-semester, one-credit course that provides an opportunity to study group behavior and human relationships. The class explains how we live and how others compare in values, norms, and sanctions. This class helps to prepare students for adulthood.

1538AW Topics in History - The American West**Grades 11-12****Prerequisite: None**

Topics In History - The American West, is a one-semester, one-credit course that provides students the opportunity to study this specific historical era, it's events, and concepts. Development of historical research skills using primary and secondary sources is emphasized.

1538WW Topics in History - WWII and the Holocaust**Grades 10-12****Prerequisite: None**

Topics In History - WWII and the Holocaust, is a one-semester, one-credit course that provides students the opportunity to study this specific historical era, it's events, and concepts. Development of historical research skills using primary and secondary sources is emphasized.

1550P Topics in SS: The Psychology of Well-Being**Grade 9-12****Prerequisite: None**

The Psychology of Well-Being class is a year-long, two-credit course that will look at topics like quantifying happiness, how choices impact our well-being, mindfulness practices, the effects of discipline and structure, demographic correlations (how wealth, race, education, location, exercise, religion, etc. impact well-being), the "synthesis" of happiness, the power of psychological framing, trauma and recovery, and various therapeutic practices.

1540 United States Government**Grade 12****Prerequisite: None****Required for all Seniors**

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

Prerequisite: None**Required for all Seniors**

Economics is a one-semester, one-credit course that includes a study of the allocation of scarce resources and their alternative uses for satisfying human wants. This course examines basic models of decision making at various levels and in different areas including: (1) decisions made as a consumer, producer, saver, investor, and voter; (2) business decisions to maximize profits; and (3) public policy decisions in specific markets dealing with output and prices in the national economy.

1564 AP Macroeconomics (Weighted Grade)

Grade 12

Prerequisite: None

AP Macroeconomics is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. AP Macroeconomics is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The Course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. Topics include: Basic Economic Concepts; Measurement of Economic Performance; National Income and Price Determination; Financial Sector; Stabilization Policies; and Economic Growth.

1566 AP Microeconomics (Weighted Grade)

Grade 12

Prerequisite: None

AP Microeconomics is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. AP Microeconomics is an introductory college-level course that focuses on the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. Topics include: Basic Economic Concepts; Nature and Functions of Product Markets; Factor Markets; and Market Failure and the Role of Government.

World Languages

***Students in grade 9 pursuing the Honors Diploma will be given priority, and must have earned an A or B in 8th grade English. Students in grade 9 not meeting these requirements will wait until grade 10 to enroll.**

2023/24 Spanish I, Spanish II, Spanish III**2120 Spanish I**

Grades 9-12

Prerequisite: Grade of "A" or "B" in the preceding year's English course

Spanish I is a year-long, two-credit course that emphasizes vocabulary and the present tense of grammar. Students gain this knowledge by reading, writing, listening, and speaking Spanish. Also, the culture, history, and geography of Hispanic countries are emphasized to help students understand their importance. Within this context, the course provides students with opportunities to:

- respond to and give oral directions and commands and to make routine requests in the classroom and in public places;
- understand and use appropriate forms of address in courtesy expressions and be able to tell about daily routines and events;
- ask and answer simple questions and participate in brief guided conversations related to their needs and interests;
- read isolated words & phrases in a situational context, such as menus, signs, and schedules;
- comprehend brief written directions and information;
- read short narrative texts on simple topics; and
- write familiar words and phrases in appropriate contexts and respond in writing to various stimuli.

Additionally, students learn:

- about nonverbal communication, such as gestures and body language;
- about awareness of current events in the cultures;
- the major holidays and geographical features of the countries being studied;
- greeting and leave taking behaviors in a variety of social situations;
- the appropriate way to respond to introductions and use courtesy behaviors; and
- appropriate etiquette in a variety of social settings.

2122 Spanish II

Grades 10-12

Prerequisite: passing grade in Spanish I

Spanish II is a year-long, two-credit course which will focus on expansion of vocabulary and building grammar aspects for reading, writing, speaking, and listening. Students will continue to learn about the culture and history of Hispanic countries. Students are able to:

- ask questions regarding routine activities;
- participate in conversations on a variety of topics;
- relate a simple narrative about a personal experience or event;
- interact in a variety of situations to meet personal needs, such as asking permission, asking for or responding to an offer of help, and expressing preferences pertaining to everyday life;
- understand main ideas and facts from simple texts over familiar topics;
- read aloud with appropriate intonation and pronunciation; and
- write briefly in response to given situations, for example postcards, personal notes, phone messages, and directions, as well as write letters using culturally appropriate format and style.

Additionally, students become:

- familiar with major geographical features, historical events, and political structures of the country(ies) being studied;
- familiar with different aspects of the culture, including the visual arts, architecture, literature and music, using the foreign language where appropriate;
- able to extend and respond to hospitality as a host or a guest; and
- aware of time expectations, such as arriving for appointments and social engagements.

2124 Spanish III

Grades 11-12

Prerequisite: "C" in Spanish II

Spanish III is a year-long, two-credit course that offers advanced learning opportunities in terms of the structure and practical uses of the language. Reading skills are developed through more complex reading selections. Special emphasis is placed in developing more advanced communication skills. This course also enables students to:

- respond to factual and interpretive questions, interact in complex social situations, and express opinions and make judgments;
- give presentations on cultural topics including: (1) traditions, (2) historical and contemporary events, and (3) major historical and artistic figures;
- paraphrase or restate what someone else has said;
- read for comprehension from a variety of longer authentic materials, such as newspapers and magazine articles, novels, and essays, as well as make judgments about what is read;
- write well-organized compositions on a given topic; and
- begin using the language creatively in writing simple poetry and prose.

Students are also:

- aware of the relationship between art forms in at least one major historical period;
 - aware of the major literary, musical, and artistic periods and genres of at least one of the cultures in which the language is spoken;
 - able to adjust speech appropriate to the situation and audience; and
 - able to participate appropriately in a variety of specific circumstances which could include public meetings, attending concerts, and using public transportation.
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Next Level Program / Career-Technical Education

Not all of our NLP courses will be offered each school year. Concentrator A and Concentrator B courses will be on a rotation. Courses that are in gray will not be offered the 2023/24 school year, but will be in rotation the following year.

Next Level Program Pathways:

	Principles:	Concentrator A:	Concentrator B:
Agriculture	Principles of Ag	Precision Agriculture	Crop Management
	Principles of Ag	Agriculture Power, Structures, and Technology	Agriculture Structures Fabrication and Design
Business	Principles of Business Management	Management Fundamentals	Accounting Fundamentals
	Principles of Computing	Information Technology Fundamentals	Networking and Cybersecurity Operations
FACS	Principles of Teaching	Child and Adolescent Development	Teaching and Learning
	Principles of Fashion & Textiles	Textiles, Apparel, and Merchandising	Advanced Textiles
	Principles of Culinary Arts & Hospitality	Nutrition	Culinary Arts
Industrial Technology	Principles of Construction Trades	Construction Trades: General Carpentry	Construction Trades: Framing and Finishing
	Principles of Advanced Manufacturing	Advanced Manufacturing Technology	Mechatronics Systems
Law & Public Safety	Principles of Fire & Rescue	Fire Fighting Fundamentals	Advanced Fire Fighting Fundamentals
	Principles of Crim. Justice	Law Enforcement Fundamentals	Corrections & Cultural Awareness
Medical	Principles of Healthcare	Medical Terminology	Healthcare Specialist: CNA
Radio & TV	Principles of Broadcasting	Audio & Video Production Essentials	Mass Media Production

Agriculture

2023/24 Principles of Ag, Precision Ag., and Ag. Power

7117 Principles of Agriculture (Principles)

Grades 9-12

Prerequisite: None

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

7116 Precision Agriculture (Concentrator A)

Grades 10-12

Prerequisite: Principles of Ag (can be taken concurrently)

Precision Agriculture is a two-semester course that describes the purpose and concepts of precision agriculture and precision farming through classroom and lab-based instruction. It involves understanding and operation of the various precision agriculture tools including GPS, GIS, and VRT. Students will learn how to collect data, analyze data and use the information to make decisions. Provides an understanding and justifications that demonstrate the economic and environmental benefits of precision agriculture. The Precision Agriculture course also incorporates the use of UAVs. Students will demonstrate UAV competency and handling in order to achieve the Part 107 UAS certification

7113 Crop Management (Concentrator B) Grades 10-12

Prerequisite: Principles of Ag, taking Precision Ag co-currently

Crop Management is a two-semester course that will provide an understanding of plant nutrient requirements and how to provide for those needs to achieve efficient crop production through classroom and lab-based instruction. Students will understand proper fertilizer materials, application methods and techniques. Instruction on soil analysis by demonstrating proper soil testing techniques which will be used to create fertility plans for 223 Indiana Department of Education High School Course Titles and Descriptions: 2023-2024 proposed crops. Integrated pest management and the evaluation of various pest controls with minimal impact on the environment will also be an emphasis of the course

5088 Agriculture Power, Structure and Technology (Concentrator A) Grades 9-12

Prerequisite: Principles of Ag (can be taken concurrently)

Ag Structure is a year-long, two-credit , lab intensive course in which students develop an understanding of basic principles of selection, operation, maintenance and management of agricultural equipment in concert while incorporating technology. Topics covered include: safety, electricity, plumbing, concrete, carpentry, leadership development, and career opportunities in the area of agriculture structure and technology. *This course may be taken twice for a maximum of 4 credits. This class is an Ag. elective and does not complete a CTE Pathway.

7112 Agriculture Structures Fabrication and Technology (Concentrator B) Grades 9-12

Prerequisite: Principles of Ag, taking Ag Power, Structure, and Technology co-currently

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

Business

Not all of our Business courses will be offered each school year. This allows our students to experience as many Business courses as they would like during their four years of high school. Students must use the following information to request classes, and complete their 4-Year Plan:

2023/24 Principles of Business Management, Principles of Computing, Management Fundamentals, Work-Based Learning/Internship

4562 Principles of Business Management (Principles) Grades 9-12

Prerequisite: None

Principles of Business Management is a year-long, two-credit directed elective course that will assist students in successfully making the transition from school to work. The lab includes the use of a variety of office equipment, such as: computers; electronic typewriters; multi-line telephones with facsimile and voicemail operations; laser, and ink jet printers; copy machines; desktop calculators all to aide in the production of office documents. Students are also taught the basic procedures for alphabetic and numeric filing, machine duplication, telephone skills, interpersonal skills, communication skills, decision-making skills and career opportunities. Can be taken both semesters or for only one semester.

7143 Management Fundamentals (Concentrator A) Grades 10-12

Prerequisite: Principles of Business Management (can be taken concurrently)

Management Fundamentals is a year-long, two-credit course that describes the functions of managers, including the management of activities and personnel. 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.

4524 Accounting Fundamentals (Concentrator B) Grades 10-12

Prerequisite: Principles of Business Management, Management Fundamentals (can be taken concurrently)

Accounting Fundamentals is a year-long, two-credit course that introduces the language of business using Generally Accepted Accounting Principles (GAAP) and procedures for proprietorships and partnerships using double-entry accounting. Emphasis is placed on accounting principles as they relate to both manual and automated financial systems. This course involves understanding, analyzing, and recording business transactions and preparing, analyzing, and interpreting financial reports as a basis for decision-making.

7183 Principles of Computing (Principles) Grades 9-12

Prerequisite: None

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

7180 Information Technology Fundamentals (Concentrator A) Grades 10-12

Prerequisite: Principles of Computing (can be taken concurrently)

Information Technology Fundamentals is a year-long, two-credit course that provides the necessary competencies required for an entry-level Information Technology professional. Students will have the knowledge required to assemble components based on customer requirements, install, configure and maintain devices/software for end users, understand the basics of networking and security, properly and safely diagnose, resolve and document common hardware and software issues while applying troubleshooting skills. Students will also learn appropriate customer support, understand the basics of virtualization, desktop imaging, and deployment. This course should also prepare students for the CompTia A+ Certification Exam.

7181 Networking and Cybersecurity Operations (Concentrator B) Grades 10-12

Prerequisite: Principles of Computing, Information Technology Fundamentals (can be taken concurrently)

Advanced Information Technology will provide students with the fundamental concepts in networking and cybersecurity. Students are introduced to the principles and concepts of computer networking, covering the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. Students will be able to troubleshoot routers and switches and resolve common issues. The students will also explore the field of Cyber Security/Information Assurance focusing on the technical and managerial aspects of the discipline. Students will be introduced to the basic terminology, concepts, and best practices of computer/network security and the roles and responsibilities of management/security personnel. The students will learn the technologies used and techniques involved in creating a secure computer networking environment including authentication and the types of attacks against an organization.

543 Work-Based Learning Experience Grades 10-12

Prerequisite: Enrolled or completed a Principles course; working through a NLP Pathway

Work-based learning (WBL) is a strategy to reinforce academic, technical, and social skills learned in the classroom through collaborative activities with employer partners. Work-based learning experiences allow students to apply classroom theories to practical problems, to explore career options, and pursue personal and professional goals. WBL includes activities that can occur in workplaces or school-based enterprises and involve an employer assigning a student meaningful job tasks to develop his or her skills, knowledge, and readiness for work. It supports entry or advancement in a career field and can serve as the culminating course or event in a student's chosen career pathway. Through WBL, students have the opportunity to apply the concepts, skills, and dispositions learned in previous coursework in real world settings. Governor's Work Ethic Certificate or Career Exploration Internship- time dedicated to WBL experiences during the school day (e.g., student schedule allows ½ day off campus to experience world of work)

522 Career Information and Exploration (Internship) Grades 10-12

Prerequisite: Enrolled or completed a Principles course; working through a NLP Pathway

Career Information and Exploration provides students with opportunities to learn about themselves and about various traditional and nontraditional occupations and careers. Students also gain an awareness of the type of occupational preparation or training needed for various occupations and careers. Students develop skills in: (1) employability, (2) understanding the economic process, and (3) career decision making and planning. Opportunities are provided for students to observe and participate in various job situations through opportunities such as field trips, internships, mock interviews, and guest speakers. Resume development experience and career-related testing are also provided to students.

4803 Introduction to Computer Science Grade 9-12

Prerequisite: None

Introduction to Computer Science is a one-semester, one-credit course that allows students to explore the world of computer science. Students will gain a broad understanding of the areas composing computer science. Additionally, there is a focus on the areas of computer programming, gaming/mobile development. This class is a Business elective and does not complete a CTE Pathway. This course may not be available depending on enrollment/interest.

Family and Consumer Sciences

Not all of our Family and Consumer Science courses will be offered each school year. This allows our students to experience as many FACS courses as they would like during their four years of high school. Students must use the following information to request classes, and complete their 4-Year Plan:

2023/24 Principles of Fashion & Textiles, Principles of Teaching, Child & Adolescent Development; Principles of Culinary and Hospitality, Nutrition

7301 Principles of Fashion & Textiles (Principles) Grades 9-12

Prerequisite: None

Principles of Fashion and Textiles is a year-long, two-credit course that prepares students for occupations and higher education programs of study related to the entire spectrum of careers in the fashion industry. This course builds a foundation that prepares students for all aspects of the fashion creation process. Major topics include: Basic clothing construction techniques, pattern alterations, and use of commercial patterns.

7302 Textiles, Apparel, and Merchandising (Concentrator A) Grades 10-12

Prerequisite: Principles of Fashion & Textiles (can be taken concurrently)

Textiles, Apparel, and Merchandising is a year-long, two-credit course that provides a comprehensive overview of the textiles, apparel and merchandising industry specific to fashion related goods including the nature of fashion, raw materials and production, designers, retailers, and supporting services.

7303 Advanced Textiles (Concentrator B) Grades 10-12

Prerequisite: Principles of Fashion & Textiles, Textiles, Apparel, and Merchandising (can be taken concurrently)

Advanced Textiles is a year-long, two-credit course that will focus on the study of textiles concerning fiber, yarn, fabric construction, and finishes which affect the selection, use, and care of textiles.

7161 Principles of Teaching (Principles) Grades 9-12

Prerequisite: None

This year-long, two-credit course provides a general introduction to the field of teaching. Students will explore educational careers, teaching preparation, and professional expectations as well as requirements for teacher certification. Current trends and issues in education will be examined. A minimum 20 hour classroom observation experience is required for successful completion of this course.

7157 Child and Adolescent Development (Concentrator A) Grades 10-12

Prerequisite: Principles of Teaching (can be taken concurrently)

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

7162 Teaching and Learning (Concentrator B) Grades 10-12

Prerequisite: Principles of Teaching, Child and Adolescent Development (can be taken concurrently)

Teaching and Learning provides students the opportunity to apply many of the concepts that they have learned throughout the Education Professions pathway. In addition to a focus on best practices, this course will provide an introduction to the role that technology plays in the modern classroom. Through hands-on experience with educational software, utility packages, and commonly used microcomputer hardware, students will analyze ways to integrate technology as a tool for instruction, evaluation, and management. This is a year-long, two-credit course.

7173 Principles of Culinary and Hospitality (Principles) Grades 9-12

Prerequisite: None

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

7171 Nutrition (Concentrator A) Grades 10-12

Prerequisite: Principles of Culinary and Hospitality (can be taken concurrently)

Nutrition students will learn the characteristics, functions and food sources of the major nutrient groups and how to maximize nutrient retention in food preparation and storage. Students will be made aware of nutrient needs throughout the life cycle and to apply those principles to menu planning and food preparation. This course will engage students in hands-on learning of nutritional concepts such as preparing nutrient dense meals or examining nutritional needs of student athletes. This is a year-long, two-credit course.

7169 Culinary Arts (Concentrator B)

Grades 10-12

Prerequisite: Principles of Culinary and Hospitality, Nutrition (can be taken concurrently)

Culinary Arts is a year-long, two credit course that teaches students how to prepare the four major stocks, the five mother sauces (in addition to smaller sauces) and various soups. Additional emphasis is placed on the further development of the classical cooking methods. This course will also present the fundamentals of baking science including terminology, ingredients, weights and measures, and proper use and care of equipment. Students will produce yeast goods, pies, cakes, cookies, and quick breads.

Industrial Technology

Not all of our Industrial Technology courses will be offered each school year. This allows our students to experience as many of these courses as they would like during their four years of high school. Students must use the following information to request classes, and complete their 4-Year Plan:

2023/24 Principles of Construction Trades, General Carpentry, Principles of Adv. Manufacturing, Adv. Manufacturing Tech.**7130 Principles of Construction Trades (Principles)**

Grades 9-12

Prerequisite: None

Principles of Construction Trades prepares students with the basic skills needed to continue in a construction trade field. Topics will include an introduction to the types and uses for common hand and power tools, learn the types and basic terminology associated with construction drawings, and basic safety. Additionally students will study the roles of individuals and companies within the construction industry and reinforce mathematical and communication skills necessary to be successful in the construction field. This is a year-long, two-credit course.

7123 Construction Trades: General Carpentry (Concentrator A)

Grades 10-12

Prerequisite: Principles of Construction Trades (can be taken concurrently)

Construction Trades: General Carpentry builds upon the skills learned in the Principles of Construction Trades and examines the basics of framing. This includes studying the procedures for laying out and constructing floor systems, wall systems, ceiling joist and roof framing, and basic stair layout. Additionally, students will be introduced to building envelope systems. This is a year-long, two-credit course.

7122 Construction Trades: Framing and Finishing (Concentrator B)

Grades 9-12

Prerequisite: Principles of Construction Trades, General Carpentry (can be taken concurrently)

Construction Trades: Framing and Finishing prepares students with advanced framing skills along with interior and exterior finishing techniques. Topics include roofing applications, thermal and moisture protection, exterior finishing, cold-formed steel framing, drywall installation and finishing, doors and door hardware, suspended ceilings, window, door, floor, and ceiling trim, and cabinet installation. This is a year-long, two-credit course.

7108 Principles of Advanced Manufacturing (Principles)

Grades 9-12

Prerequisite: None

Principles of Advanced Manufacturing is a course that includes classroom and laboratory experiences in Industrial Technology and Manufacturing Trends. Domains include safety and impact, manufacturing essentials, lean manufacturing, design principles, and careers in advanced manufacturing. Hands-on projects and team activities will allow students to apply learning on the latest industry technologies. Work-based learning experiences and industry partnerships are highly encouraged for an authentic industry experience.

7103 Advanced Manufacturing Technology (Concentrator A)

Grades 10-12

Prerequisite: Principles of Advanced Manufacturing (can be taken concurrently)

Advanced Manufacturing Technology introduces manufacturing processes and practices used in manufacturing environments. The course also covers key electrical principles, including current, voltage, resistance, power, inductance, capacitance, and transformers, along with basic mechanical and fluid power principles. Topics include, types of production, production materials, machining and tooling, manufacturing planning, production control, and product distribution will be covered. Students will be expected to understand the product life cycle from conception through distribution. This course also focuses on technologies used in production processes. Basic power systems, energy transfer systems, machine operation and control will be explored. This course will use lecture, lab, online simulation and programming to prepare students for Certified Production Technician Testing through Manufacturing Skill Standards Council (MSSC).

7106 Mechatronics Systems (Concentrator B)

Grades 10-12

Prerequisite: Principles of Advanced Manufacturing, Advanced Manufacturing Technology (can be taken concurrently)

Mechatronics Systems covers the basic electrical and mechanical components and functions of a complex mechatronics system. Through a systems approach, students will learn about mechanical components which lead and support the energy through a mechanical system to increase efficiency and to reduce wear and tear. By understanding the complete system, students will learn and apply troubleshooting strategies to identify, localize and (where possible) to correct malfunctions. Preventive maintenance of mechanical elements and electrical drives as well as safety issues within the system will also be discussed.

Law and Public Safety

Not all of our Law and Public Safety courses will be offered each school year. This allows our students to experience as many courses as they would like during their four years of high school. Students must use the following information to request classes, and complete their 4-Year Plan:

2023/24 Principles of Fire and Rescue, Fire Fighting Fundamentals; Principles of Criminal Justice, Law Enforcement Fund.

7195 Principles of Fire and Rescue (Principles)

Grades 9-12

Prerequisite: None

Principles of Fire and Rescue is a year-long, two-credit course that introduces students to the various roles that firefighters and emergency services workers play to protect the public from the loss of life and property. They are frequently the first emergency personnel at the scene of a traffic accident or medical emergency and may be called upon to put out a fire, treat injuries or perform other vital functions. This course will introduce students to the history, terminology, and basic firefighting skills needed for a beginning firefighter. Additionally students will develop a career plan for a career in public safety; including areas of Fire Science, Homeland Security, and Emergency Medical Services. This course will be offered in the evenings in collaboration with Ohio Township Fire Department.

7189 Fire Fighting Fundamentals (Concentrator A)

Grades 10-12

Prerequisite: Principles of Fire & Rescue (can be taking co-currently)

Fire Fighting Fundamentals is a year-long, two-credit course that is for those students who are seeking certification as a firefighter. This course will prepare students for the Hazardous Materials Awareness and Operations certifications and will introduce students to NFPA 1001 which serves as the standard of measurement for all firefighters in North America. Students will learn the knowledge and hands-on practical skills for managing and controlling a hazardous materials incident required for the certifications. Furthermore, students will study how a fire behaves and will learn the basic firefighting skills needed to extinguish a fire while protecting themselves and other firefighters. This course will be offered in the evenings in collaboration with the Ohio Township Fire Department.

7186 Advanced Fire Fighting Fundamentals (Concentrator B)

Grades 10-12

Prerequisite: Principles of Fire & Rescue, Fire Fighting Fundamentals (can be taking co-currently)

Advanced Fire Fighting is a year-long, two-credit course that expands upon the principles and techniques of firefighting learned in Fire Fighting Fundamentals. Students will study fire protection systems, firefighter safety and survival. Students will also learn what fire is, the chemical hazards of combustion, and related by-products of fire. Additionally, students will gain a better understanding of fire department organization, administration, operations, and basic strategies and tactics. This course will be offered in the evenings from **WHAT TIME!!!** in collaboration with the Ohio Township Fire Department.

7193 Principles of Criminal Justice (Principles)

Grades 9-12

Prerequisite: None

Principles of Criminal Justice covers the purposes, functions, and history of the three primary parts of the criminal justice system: law enforcement, courts, and corrections. This course further explores the interrelationships and responsibilities of these three primary elements of the criminal justice system.

7191 Law Enforcement Fundamentals (Concentrator A)

Grades 10-12

Prerequisite: Principles of Criminal Justice (can be taking co-currently)

Law Enforcement Fundamentals Critically examines the history and nature of the major theoretical perspectives in criminology, and the theories found within those perspectives. Analyzes the research support for such theories and perspectives, and the connections between theory and criminal justice system practice within all the major components of the criminal justice system. Demonstrates the application of specific theories to explain violent and non-violent criminal behavior on both the micro and macro levels of analysis. Additionally, this course will introduce fundamental law enforcement operations and organization. This includes the evolution of law enforcement at federal, state, and local levels.

7188 Corrections & Cultural Awareness (Concentrator B)

Grades 10-12

Prerequisite: Principles of Criminal Justice, Law Enforcement Fundamentals (can be taking co-currently)

Corrections and Cultural Awareness emphasizes the study of American criminal justice problems and systems in historical and cultural perspectives, as well as discussing social and public policy factors affecting crime. Multidisciplinary and multicultural perspectives are stressed. Additionally, this course takes a further examination of the American correctional system; the study of administration of local, state, and federal correctional agencies. The examination also includes the history and development of correctional policies and practices, criminal sentencing, jails, prisons, alternative sentencing, prisoner rights, rehabilitation, and community corrections including probation and parole. Current philosophies of corrections and the debates surrounding the roles and effectiveness of criminal sentences, institutional procedures, technological developments, and special populations are discussed.

Medical

Not all of our Medical courses will be offered each school year. This allows our students to experience as many courses as they would like during their four years of high school. Students must use the following information to request classes, and complete their 4-Year Plan:

2023/24 Principles of Healthcare, Medical Terminology

7168 Principles of Healthcare (Principles) Grades 9-12

Prerequisite: None

Principles of Healthcare content includes skills common to specific health career topics such as patient nursing care, dental care, animal care, medical laboratory, public health, and an introduction to healthcare systems. Lab experiences are organized and planned around the activities associated with the student's career objectives.

5274 Medical Terminology (Concentrator A) Grades 10-12

Prerequisite: Principles of Healthcare (can be taking co-currently)

Medical Terminology prepares students with language skills necessary for effective, independent use of health and medical reference materials. It includes the study of health and medical abbreviations, symbols, and Greek and Latin word part meanings, all taught within the context of body systems. This course builds skills in pronouncing, spelling, and defining new words encountered in verbal and written information in the healthcare industry. Students have the opportunity to acquire essential skills for accurate and logical communication, and interpretation of medical records. Emphasis is on forming a foundation of a medical vocabulary including; appropriate and accurate meaning, spelling, and pronunciation of medical terms, and abbreviations, signs, and symbols.

7166 Healthcare Specialist: CNA (Concentrator B) Grades 10-12

Prerequisite: Principles of Healthcare, Medical Terminology (can be taking co-currently)

The Healthcare Specialist: CNA prepares individuals desiring to work as nursing assistants with the knowledge, skills and attitudes essential for providing basic care in extended care facilities, hospitals and home health agencies under the direction of licensed nurses. The course will introduce students to the disease process and aspects of caring for a long-term care resident with dementia. Individuals who successfully complete this course are eligible to apply to sit for the Indiana State Department of Health (ISDH) certification exam for nursing assistants. This course meets the minimum standards set forth by the ISDH for Certified Nursing Assistant training and for health care workers in long-term care facilities.

Radio and Broadcasting

Not all of our Radio & TV courses will be offered each school year. This allows our students to experience as many courses as they would like during their four years of high school. Students must use the following information to request classes, and complete their 4-Year Plan:

2023/24 Principles of Broadcasting, Audio & Video Production Essentials

7139 Principles of Broadcasting (Principles) Grades 9-12

Prerequisite: None

The purpose of the Principles of Broadcasting course is to provide entry-level fundamental skills for students who wish to seek or pursue opportunities in the field of broadcasting or mass media. Students will explore the technical aspects of audio and sound design for radio production and distribution, as well as, the technical aspects of video production and distribution. Students will actively work in the studio and experience filming, producing, and editing videos.

7306 Audio & Video Production Essentials (Concentrator A) Grades 10-12

Prerequisite: Principles of Broadcasting (can be taking co-currently)

Audio and Video Production Essentials provides an in-depth study on audio and video production techniques for radio, television, and digital technologies. Students will learn skills necessary for audio production and on-air work used in radio and other digital formats. Additionally, experience will be gained in the development of the video production process; including skills in message development, directing, camera, video switcher, and character generator operations.

7307 Mass Media Production (Concentrator B) Grades 10-12

Prerequisite: Principles of Broadcasting, Audio & Video Prod. Essentials (can be taking co-currently)

Mass Media Production will focus on the study of theory and practice in the voice and visual aspects of radio and television performance. In addition, this course introduces the skills used to acquire and deliver news stories in a digital media format. Students will learn how to research issues and events, interview news sources, interact with law enforcement and government officials, along with learning to write in a comprehensive news style.

Southern Indiana Career & Technical Course

We have partnered with the EVSC to allow students to attend CTE programs at the Southern Indiana Career and Technical Center (SICTC). These are half-day, three-credits per semester vocational programs that are offered at the Career Center located on Lynch Road in Evansville. South Spencer students will be bussed with first year students (Junior) attending a morning session, and second-year students (Senior) attending an afternoon session. These are all two-year programs. Students will apply in November of their Sophomore year and attend the next Fall. The programs offered at the SICTC are listed below. You can also visit their website at: <https://sictc.evscschools.com/>

Advanced Manufacturing Technology	Electrical Technology
Architecture & Engineering Design Technology	Graphic Communications/Digital Media
Automotive Collision Repair Technology	Health Sciences: Exercise Science
Automotive Service Technology	Health Sciences: Pre-Professional
Building Construction Technology	HVAC-R and Energy Systems
Computer Science	Media Communications and Broadcasting
Criminal Justice / Public Safety	Precision Machine Metalworking Technology
Culinary Arts	Veterinary Science
Cybersecurity	Welding Technology
Diesel Service Technology	

Policies / Graduation Pathways

Students who do not meet the standards on the GQE, but meet the following requirements, may appeal to the high school Principal for a waiver to graduate with a diploma:

Attempt at least 3 Postsecondary-Ready Competencies.

Complete remediation opportunities provided by the high school.

Have a cumulative attendance rate of 95% or better excluding excused absences.

Maintain at least a "C" average (1.5-2.49) in the core courses that make up the minimum graduation requirement for South Spencer High School. These courses are listed in the South Spencer High School Course Descriptions & Curriculum Guide booklet provided to the student each year.

Obtain a written recommendation from a teacher of the student in each subject area in which the student has not achieved a passing score on the GQE. The recommendation must: Be concurred with by the principal; and be supported by documentation that the student has attained Grade 9 proficiency in the subject area based upon: tests other than the GQE, or classroom work.

Advanced Placement Exam Policy:

Successful completion of Advanced Placement courses includes taking the AP Exam. At the beginning of each AP course students will receive information about the exam, including costs and procedures to apply for fee reductions.

Grading Scale

The grading scale used at SSSH is as follows:

Grade Point Averages are calculated using Quarter grades only. Weighted courses will earn 1 point per semester as long as grade is above an F.

		11 Point Scale	Weighted Scale
A	93.0-100	A	4
A-	90.0-92.9	A-	3.667
B+	87.0-89.9	B+	3.333
B	83.0-86.9	B	3
B-	80.0-82.9	B-	2.667
C+	77.0-79.9	C+	2.333
C	73.0-76.9	C	2
C-	70.0-72.9	C-	1.667
D+	67.0-69.9	D+	1.333
D	63.0-66.9	D	1
D-	60.0-62.9	D-	0.667
F	0-59.9	F	0

