SHERIDAN HIGH SCHOOL

CURRICULUM

GUIDE

2017 - 2018

CURRICULUM GUIDE INFORMATION

CIVIL RIGHTS COMPLIANCE STATEMENT

Sheridan High School has a policy of providing equal opportunity. All courses are open to all students regardless of age, race, color, sex, handicapping condition, or national origin, including limited English proficiency. Educational services, program, instruction, and facilities will not be denied to anyone at Sheridan High School as a result of his or her age, race, color, sex, handicapping condition, or national origin, including limited English proficiency. For further information, clarification, or complaint, please contact Jane Newblom, Sheridan, Indiana 46069, (317) 758-4431.

AP Exam

Students are expected to complete the corresponding AP Exams upon completion of an AP Course in order to receive an Academic Honors Diploma. Students scoring a 3, 4, or 5 are eligible to receive college credit for the course. Students and families are highly encouraged to use www.transferIN.net for information regarding credit acceptance at Indiana universities and colleges.

Bring Your Own Technology

All students are expected to provide their own device following the recommendations and guidelines provided by SCS Technology Department.

Class Load

Students enrolled in grades 9 through 12 are required to take at least 6 credit-bearing classes each semester. Transfer students will be placed on an individual basis as determined by their prior classes.

College & Career Readiness

Juniors and Seniors who do not earn a college and career readiness PSAT score are required to participate in the College & Career Readiness assessment, Accuplacer. This assessment is given online and tests Reading and Math. Seniors who do not qualify as college and career ready may have financial aid consequences upon enrolling in a college or trade school.

Correspondence Credit

A student desiring to take correspondence work for high school credit shall have the approval of the principal and/or superintendent of the school prior to entering into the correspondence work.

Course Audit/Retake

A student may retake a class where a credit was earned only with permission of the instructor, administration and the guidance department. A second credit will not be earned. Both grades will appear on the transcript as well as factor into the GPA. The first passing credit will be counted toward attempted credits. It is not advisable to rely on this as a means to earn an Academic Honors diploma.

Credit

A term used to indicate that a student has earned a passing grade in a course. Most courses of study are 1 credit per semester. Some vocational classes receive 2 or 3 credits.

Dual Credit

Dual credit is an opportunity for students to earn high school credits and college credits for the same course. Spanish IV, Spanish V, French IV, French V, Composition, Literature and Public Speaking are the dual credit courses offered. Students and families are highly encouraged to use www.transferIN.net for information regarding credit acceptance at Indiana universities and colleges.

Early Graduation

Students may apply during the scheduling for their senior year or during their sophomore year to graduate early. Parent permission must be obtained. Students that want to graduate high school in 3 years are *strongly* encouraged to meet with the school counselor early in their sophomore year.

End of Course Assessment

End of course assessments will be taken at the completion of Biology, Algebra I and English 10. **Passing scores are a graduation requirement on the Algebra I and English 10 ECAs for students in the class of 2018.**

Grade 10 ISTEP+

Starting with the class of 2019, students will be required to pass a Grade 10 Summative Assessment in order to graduate. Students will be tested in English/Language Arts and Math in the spring of their sophomore year.

Grade Point Average (GPA)

GPA is calculated at the end of each semester using only semester grades. The total points accumulated from each letter grade divided by the total credits attempted is the method used to determine GPA. The following scale is used:

	A 4.0	**A-** 3.67
B+ 3.33	**B** 3.0	**B-** 2.67
C+ 2.33	**C** 2.0	**C-** 1.67
D+ 1.33	**D** 1.0	**D-** .67
F 0	**WF** 0	

IHSAA Eligibility

Students must pass 5 courses each grading period.

Grading System

Each nine weeks grade is worth 40% and the final exam is worth 20%. A student must receive two passing grades during the semester to receive credit. The grading scale is as follows:

	A 93-100	**A-** 90-92
B+ 87-89	**B** 83-86	**B-** 80-82
C+ 77-79	**C** 73-76	**C-** 70-72
D+ 67-69	**D** 63-66	**D-** 60- 62
F 0-59		

Schedule Changes

After request forms have been turned in, including once the school year has started, students should not expect to change their schedule. Students have adequate time to plan their schedules in the spring. **PLAN CAREFULLY!** Changes to students' schedules will be accommodated for the following reasons:

1. extenuating circumstances such as a medical condition,
2. teacher recommendation,

3. or a request to increase the academic rigor of their schedule.

Students must have completed a Request for Course Change Form turned in to the Guidance Department within the first three days of the first semester and by the advertised date for the second semester (usually before finals week in December). All requests will be handled on a case by case basis.

Weighted Grades

The grade point system for AP and Dual Credit classes is based on a 5.0 scale as follows:

	A 5.0	**A-** 4.67
B+ 4.33	**B** 4.0	**B-** 3.67
C+ 3.33	**C** 3.0	**C-** 2.67
D+ 2.33	**D** 2.0	**D-** 1.67
F 0	**WF** 0	

Withdrawal

Removal from a course after the first THREE days of the semester will result in a WF (withdraw fail) for the course, which will appear on the student's transcript and factor into their cumulative GPA.

Comparison of Indiana's Diploma Requirements
Sheridan High School
Class of 2018 & Subsequent Classes

Curriculum Area	Core 40	Core 40 with Academic Honors	Core 40 with Technical Honors
English	8 credits	9 credits • 1 credit Speech	8 credits
Math	6 credits **(in grades 9-12)** • 2 credits Algebra I • 2 credits Geometry • 2 credits Algebra II In addition, students must take a math or quantitative reasoning course each year in high school	8 credits **(6 must be in grades 9-12)** • 2 credits Algebra I • 2 credits Geometry • 2 credits Algebra II • 2 credits Pre Calculus or CCR Bridge: Math Ready In addition, students must take a math or quantitative reasoning course each year in high school	6 credits **(in grades 9-12)** • 2 credits Algebra I • 2 credits Geometry • 2 credits Algebra II In addition, students must take a math or quantitative reasoning course each year in high school
Science	6 credits • 2 credits Biology I • 2 credits Chemistry I or Physics I or Integrated Chemistry-Physics • 2 credits any Core 40 science course	6 credits • 2 credits Biology I • 2 credits Chemistry I or Physics I or Integrated Chemistry-Physics • 2 credits any Core 40 science course	6 credits • 2 credits Biology I • 2 credits Chemistry I or Physics I or Integrated Chemistry-Physics • 2 credits any Core 40 science course
Social Studies	6 credits • 2 credits World History/ Civilization or Geography/History of the World • 2 credits US History • 1 credit US Government • 1 credit Economics	6 credits • 2 credits World History/Civilization or Geography/History of the World • 2 credits US History • 1 credit US Government • 1 credit Economics	6 credits • 2 credits World History/Civilization or Geography/History of the World • 2 credits US History • 1 credit US Government • 1 credit Economics
PE	2 credits	2 credits	2 credits
Health	1 credit	1 credit	1 credit
World Languages	Recommended	6-8 Core 40 world language credits (6 credits in one language OR 4 credits each in two different languages)	Recommended
Fine Arts		2 Fine Arts Credits	

Curriculum Area	Core 40	Core 40 with Academic Honors	Core 40 with Technical Honors
Career-Technical			Earn 6 credits from college & career prep courses in a state-approved College & Career Pathway & one of the following: 1. Pathway designated industry- based certification or credential, or 2. Pathway dual credits from the Priority Course List resulting in 6 transcripted college credits
Additional Requirements		Complete <u>one</u> of the following: A. 4 credits in 2 or more AP courses and take corresponding AP exams B. Earn a combined score of 1750* or higher on the SAT critical reading, math and writing; minimum score of 530 on each, C. Earn an ACT composite score of 26 or higher and complete writing section D. Earn 6 verifiable, transcripted college credits from the Priority Course List E. Earn the following: • A minimum of 3 verifiable transcripted college credits from the Priority Course List • 2 credits in AP courses and corresponding AP exams	Complete <u>one</u> of the following: A. Any of the options (A- E) of the Core 40 with Academic Honors B. Earn the following scores or higher on WorkKeys; • Level 6 on Reading for Information, • Level 6 on Applied Mathematics , • Level 5 on Locating Information C. Earn the following minimum score(s) on Accuplacer: • Writing 80, • Reading 90, • Math 75 D. Earn the following score(s) on Compass; • Algebra 66, • Writing 70, • Reading 80
Directed Electives	5 credits in any combination from World Languages, Fine Arts, and/or Career & Technical Ed	5 credits in any combination from World Languages, Fine Arts, and/or Career & Technical Ed	5 credits in any combination from World Languages, Fine Arts, and/or Career & Technical Ed
Electives	8 credits College and Career Pathway courses recommended	6 credits College and Career Pathway courses recommended	6 credits College and Career Pathway courses recommended
GPA Requirements	Minimum of a 2.5 for financial aid purposes only	No individual grades below a “C” and overall GPA of “B” or higher	No individual grades below a “C” and overall GPA of “B” or higher
Total	42 credits	47 credits	47 credits

*1750 is an old SAT score. The state Department of Education has not voted on a score requirement for the new SAT.

Comparison of Indiana's General Diploma Requirements
Class of 2016 & Subsequent Classes

Indiana General High School Diploma

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

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

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

Course and Credit Requirements (Class of 2016 & Beyond)

English/Language Arts	**8 credits**
	Credits must include literature, composition and speech
Mathematics	**4 credits**
	2 credits: Algebra I or Integrated Mathematics I 2 credits: Any math course ***General diploma students are required to earn 2 credits in a Math or a Quantitative Reasoning (QR) course during their junior or senior year. QR courses do not count as math credits.***
Science	**4 credits**
	2 credits: Biology I 2 credits: Any science course ***At least one credit must be from a Physical Science or Earth and Space Science course***
Social Studies	**4 credits**
	2 credits: U.S. History 1 credit: U.S. Government 1 credit: Any social studies course
Financial Responsibility	**1 credit** Economics or Personal Finance
Physical Education	**2 credits**
Health and Wellness	**1 credit**
College and Career Pathway Courses Selecting electives in a deliberate manner to take full advantage of college and career exploration and preparation opportunities	**6 credits**
Flex Credit	**5 credits**
	Flex Credits must come from one of the following: • Additional elective courses in a College and Career Pathway • Courses involving workplace learning such as Cooperative Education or Internship courses • High school/college dual credit courses • Additional courses in Language Arts, Social Studies, Mathematics, Science, World Languages or Fine Arts
Electives	**7 credits** Specifies the minimum number of electives required by the state. High school schedules provide time for many more elective credits during the high school years.
42 Total Credits Required	

Quantitative Reasoning Courses

The following are courses that Sheridan High School offers to satisfy the "mathematics or quantitative reasoning course" in each year of high school for the Core 40, Academic Honors and Technical Honors diplomas or to satisfy the "mathematics or quantitative reasoning course" in the junior or senior year for the General Diploma.

Advanced Placement
AP Calculus AB
AP Chemistry
AP Environmental Science

Agriculture
Advanced Life Science, Animal Science
Agribusiness Management
Landscape Management

Business
Business Math
Personal Financial Responsibility

Social Studies
Economics

Mathematics
Algebra I
Algebra II
AP Calculus AB
Business Math
CCR Bridge: Math Ready
Geometry
Pre-Calculus/Trigonometry

Science
Advanced Life Science, Animal Science
AP Chemistry
Chemistry I
Integrated Chemistry- Physics
Physics I

Priority Course List

One of the options students have to earn an Academic Honors Diploma is to complete dual credit courses. Beginning with the Class of 2016, these courses must be from the Priority Course List compiled by the Commission on Higher Education. The following are the Priority Courses that Sheridan High School offers.

World Language
Spanish IV
Spanish V
French IV
French V

English
Composition
Literature
Public Speaking

Indiana Career Clusters & Occupations

A Career Cluster is a grouping of occupations and broad industries based on commonalities. If a student has a particular interest in a career cluster, their choice of elective classes should reflect their interest.

Agriculture
Agribusiness
Horticulture & Landscape Management
Life Sciences

Architecture & Construction
Commercial & Residential Facilities
Construction Trades
Drafting & Design

Arts, AV Technology & Communications
Web & Digital Communications
Visual Arts

Business & Marketing
Business Administration

Education & Training
Early Childhood Education

Health Science
Biotechnology
Dental
Health Care Specialties
Nursing

Hospitality & Human Services
Cosmetology
Culinary Arts
Hospitality Management

Information Technology
Programming
PC Networking & Support

Manufacturing
Advanced Manufacturing
Electronics
Engineering
Logistics & Supply Chain Management
Machine Technology
Welding

Public Safety
Criminal Justice
EMT/Paramedic
Fire & Rescue

STEM
Engineering

Transportation
Automotive Collision Repair
Automotive Technology
Aviation
Diesel Service Technology
Recreational Mobile Equipment
Tractor Trailer Operations

AGRICULTURE

AGRICULTURE POWER, STRUCTURE & TECHNOLOGY I, II & III

9-10-11-12 **1-6 CREDITS**

This course is available to those who wish to become more proficient in the use of tools and welding for Ag Power. It is designed only to increase the knowledge of the student to prepare him for further practice and study of agricultural mechanics. Power mechanics and welding are the two types of mechanics that are stressed. Project work is essential to complete the course.

AGRIBUSINESS MANAGEMENT

9-10-11-12 **2 CREDITS**

A course which presents the concepts necessary for managing an agriculture-related business. Concepts covered include: identification of careers in agribusiness, safety management, entrepreneurship, the planning, organizing, controlling and directing of an agribusiness, effects of government organization on agribusiness, economic principles, credit, record keeping, budgeting, fundamentals of cash flow, taxation and the tax system, insurance, marketing, cooperatives, purchasing, the role of technology in agribusiness, human resource management, and employer-employee relations and responsibilities. Students will be part of the Blackhawk Metal Design business and includes developing skills in design and fabrication.

LANDSCAPE MANAGEMENT I

9-10-11-12 **2 CREDITS**

Landscape Management provides the student with an overview of the many career opportunities in the diverse field of landscape management. Students are introduced to the procedures used in the planning and design of a landscape using current technology practices, the principles and procedures of landscape construction, the determination of maintenance schedules, communications and management skills necessary in landscape operations and the care and use of equipment utilized by landscapers.

SUPERVISED AGRICULTURAL EXPERIENCE

11-12 **1-6 CREDITS**

Requirements: Permission of instructor

Supervised Agricultural Experience (SAE) is designed to provide students with opportunities to gain experience in the agriculture field(s) in which they are interested. Students should experience and apply what is learned in the classroom, laboratory and training site to real-life situations. Students work closely with their agricultural science and agribusiness teacher(s), parents and/or employers to get the most out of their SAE program. This course may be done on an independent basis during the school day and, depending on the student, may have a heavy lab component. Project work is essential to complete the course.

BUSINESS & TECHONOLOGY

DIGITAL APPLICATIONS & RESPONSIBILITY

9-10-11-12 **1 CREDIT**

This course was formerly titled Computer Applications. Students will learn skills that will last a lifetime. Digital Citizenship uses an integrated software program to teach - word processing, spreadsheet, database, and graph skills in addition to using some presentation and internet skills. Practical application will be made of these computer skills in a way that can be adapted to everyday life skills or used for entry-level company positions.

BUSINESS LAW & ETHICS

9-10-11-12 **1 CREDIT**

Business Law & Ethics is a business course that provides an overview of the legal system. Topics include: Basics of the Law, Contract Law, Employment Law, Personal Law and Property Law. We will cover both criminal and trial procedures. Activities are introduced to help the student achieve an understanding of legal principles which will be useful throughout life. Among the activities, that students will participate in, will be mock trials and a field trip to the court house. Students will be better equipped to recognize legal problems and to utilize professional counsel

BUSINESS MATH

10-11-12 **2 CREDITS**

Fulfills a math credit for General Diploma only

Prerequisite: Algebra I

Business Math is a business course designed to prepare students for roles as entrepreneurs, producers, and business leaders by developing abilities and skills that are part of any business environment. A solid understanding of math including algebra, basic geometry, statistics and probability provides the necessary foundation for students interested in careers in business and skilled trade areas. The content includes mathematical operations related to accounting, banking and finance, marketing, and management.

COMPUTER ILLUSTRATION & GRAPHICS

10-11-12 **1 CREDIT**

Computer Illustration is a business course designed to allow students to develop proficiency in using desktop publishing software to create a variety of printed publications utilizing Adobe products such as Photoshop and InDesign. Students will incorporate journalistic principles in design and layout of print and Web publications including integration of text and graphics and use of sophisticated hardware and software to develop and create quality materials for business-related tasks. Students will analyze the information and the audience and combine appropriate text, graphics, and design to communicate the desired message effectively. Planning and design principles are used to analyze and organize information, set up a design structure, and select or create appropriate visuals. Instructional strategies may include computer/technology applications, teacher demonstrations, collaborative instruction, interdisciplinary and /or culminating projects, problem-solving and critical

thinking activities, simulations and project-based learning activities.

PERSONAL FINANCIAL RESPONSIBILITY

10-11-12 **1 CREDIT**

Personal Finance is a business course that focuses on personal financial planning. This course will focus on personal finance issues such as financial planning, income and asset protection, income and money management, and spending and credit management. This course will cover a unit on banking and learn how open and manage a checking account by completing a checkbook packet simulation. This entire course will prepare students for the roles and responsibilities of consumers, producers, entrepreneurs, and citizens.

WEB DESIGN

10-11-12 **1 CREDIT**

Prerequisite: Digital Citizenship/Digital Applications with a C

Web Design is a skill rapidly becoming a skill needed for a four-year college education. Areas of instruction include audience analysis, hierarchy of layout and design techniques, software integration, and publishing. Learn basic HTML language to create a page from scratch in addition to using various software to manipulate graphics and create a variety of Web pages for different purposes.

ACCOUNTING

11-12 **2 CREDITS**

If you would like good paying jobs and working conditions that are pleasant and desirable, learn the basic skills of keeping financial records or plan to major in business in college. Double entry accounting system will be taught to journalize and post transactions, complete a work sheet, and analyze the result in financial statements to see where your money is coming from and going. Practice sets with simulated business papers for a sole proprietorship and merchandising business will be used.

ADVANCED VIDEO-EDITING

11-12 **2 CREDITS**

Prerequisite: Video-Editing with a C and permission of instructor.

The class size is limited. Seniors have first priority. This class is offered for a year. Students must enter video-editing contests such as Project XL. Videos created in this class use more special effects, are longer in length, and use more advanced equipment than in the regular video-editing class. This class is taught on a MacIntosh G4 and uses Final Cut Pro Software.

ECONOMICS

11-12 **1 CREDIT**

CORE 40, AHD & THD Graduation Requirement

This course examines concepts necessary for a basic understanding of our economic system. Points of study include scarcity, supply and demand, inflation and deflation, unemployment, taxation, and a look at our Federal Reserve System. Emphasis is also placed on individual financial planning.

ENTREPRENEURSHIP

11-12 **1 CREDIT**

Entrepreneurship is a one-year class for juniors and seniors that offers students the ability to create and build a business from practically nothing. It is initiating, doing, achieving, and building an enterprise or organization, rather than just watching, analyzing, or describing one. Students will learn the steps involved in developing a business plan and building one of their own. Entrepreneurship class teaches the students how to incorporate their abilities, skills and talents to build a business idea. It is the know-how to find, marshal and control resources (often owned by others) and to make sure they don't run out of money when they need it most. Students leave the entrepreneurship class with a completed business plan that they developed.

PRINCIPLES OF BUSINESS MANAGEMENT

11-12 **1 CREDIT**

This course is pending student interest.

Principles of Business Management focuses on the roles and responsibilities of managers as well as opportunities and challenges of ethically managing a business in the free enterprise system. Students will attain an understanding of management, team building, leadership, problem solving steps and processes that contribute to the achievement of organizational goals. The management of human and financial resources is emphasized.

TECHNICAL/BUSINESS COMMUNICATION

12 **2 CREDITS**

Requirements: Privilege of school computer usage & General Diploma track

This is a one-year course, which will meet the requirements for two English credits needed at the senior level. This provides students with the communication and problem solving skills to function effectively in the workplace. Students who do not take English 12 will take this course their senior year.

VIDEO EDITING

11-12 **2 CREDITS**

The class size is limited due to the amount of equipment available. This is a one semester course that gives students the opportunity to create, edit, and prepare short video productions. Students learn the significance of using story boards, assign tasks, set deadlines, and plan in advance in addition to properly using the equipment. Students prepare videos ranging from one to three minutes. The class is taught using I-Movie Software.

ENGLISH/LANGUAGE ARTS

8 credits required for Graduation, 9 for an Academic Honors Diploma

ACCELERATED ENGLISH 9

9 **2 CREDITS**

Prerequisites: Students are selected on the basis of achievement test scores, grades, aptitude, and teacher recommendations.
This college-preparatory course covers the following: applying grammar to writing (parts of speech, run-ons, sentence combining), writing, speech, vocabulary (antonyms, synonyms, analogies), as well as 21st century skills such as digital literacy and collaboration. Students will read *The Odyssey* and *Romeo and Juliet* as well as short stories, poetry and non-fiction selections. Students will complete a formal MLA-style research paper focusing on a career choice. In order to enter Accelerated English, students are required to complete a summer reading project as outlined by the instructor.

ENGLISH 9

9 **2 CREDITS**

English 9 students continue developing written and oral communication skills through reading and response to a variety of fiction and nonfiction works. Digital literacy, collaboration, and writing skills are developed through numerous projects, and students are expected to complete a formal research paper and presentation. Areas of language study include vocabulary, sentence structure, and grammatical conventions.

STUDENT MEDIA

9-10-11-12 **2 CREDITS**

Prerequisite: Application & Teacher approval
Counts as a Fine Arts credit for Ac. Honors diploma
This elective is for students who are interested in the areas of writing, art, photography, and design. The single goal of this class is to produce a quality yearbook for the student, faculty, and community of Sheridan. Students will learn techniques for layout design, copy writing, photography, advertising sales, and promotional campaigns. Those enrolled in this course are required to meet deadlines, sell advertising, help with distribution and sales campaigns, and learn all facets of yearbook production. All instruction will be computer-based. All students will learn basic desktop publishing. Extra-curricular time is necessary to complete assignments and meet deadlines.

ACCELERATED ENGLISH 10

10 **2 CREDITS**

Prerequisites: Students are selected on the basis of achievement test scores, grades, aptitude, and teacher recommendations.
This college-preparatory course reviews basic writing fundamentals as well as introduces the study of SAT-level vocabulary based on Greek and Latin roots. Students develop their writing for the college level by responding to literature, using MLA and APA formats, and using higher level thinking skills. 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. A biography research paper and poetry study are major components. In preparation for ISTEP10, students analyze previous test scores and focus on the areas of non-fiction and fiction reading comprehension and structured writing. Students will be required to complete summer reading as outlined by the instructor.

ENGLISH 10

10 **2 CREDITS**

This course reviews basic writing fundamentals as well as introduces the study of SAT-level vocabulary based on Greek and Latin roots. 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. A biography research paper and poetry study are major components. In preparation for ISTEP10, students analyze previous test scores and focus on the areas of non-fiction and fiction reading comprehension and structured writing.

ACCELERATED ENGLISH 11

11 **2 CREDITS**

Prerequisites: Students are selected on the basis of achievement test scores, grades, aptitude, and teacher recommendations.
Accelerated English 11 includes a survey of American Literature and an emphasis on academic writing and analytical skills. Through the integrated study of language, literature, composition, oral communication, and digital literacy, students are expected to produce a variety of works including summary, persuasive, and expository writing. Students are also expected to complete an academic research paper and presentation. A summer reading project is required as outlined by the teacher.

ENGLISH 11

11 **2 CREDITS**

This course is a study of American Literature plus traditional elements of English including grammar, vocabulary, and writing. There will be heavy emphasis on academic writing and literary analysis skills, as well as the development of comparative literature skills. Students will produce a variety of works including persuasive writings, synthesis and analysis of information, and presentations utilizing technology. Additionally, students will complete a formal research paper.

English 12

12 **2 CREDITS**

English 12 includes a survey of British literature and the continued development of literacies for college, career, and engaged citizenship. Selected non-British works are also read and responded to, and students are expected to complete a multistage research project. Students also choose and read a variety of works throughout the year to continue developing an appreciation for self-directed reading.

ACP ELEMENTARY COMPOSITION (W131)
12 **1 HS CREDIT**
3 COLLEGE CREDITS

Recommended Prerequisite: Accelerated English 9- 11
This class is available for dual credit through Indiana University pending accepted GPA and earning a C in the course.
This course prepares students for writing in a variety of college courses. The focus of the course is on writing from multiple sources to analyze an issue and argue a position. Skills include evaluating sources of information, summarizing sources, adopting a thoughtful position, advancing a clear thesis, and supporting one's views with evidence.

ACP LITERARY INTERPRETATION (L202)
12 **1 HS CREDIT**
3 COLLEGE CREDITS

Recommended Prerequisite: Accelerated English 9- 11
Required Prerequisite: Completion of W131 with a C
This class is available for dual credit through Indiana University pending accepted GPA and earning a C in the course.
This course develops critical skills essential to participation in the interpretive process. Through class discussion and focused writing assignments, introduces the premises and motives of literary analysis and critical methods associated with historical, generic, and/or cultural concerns.

LANGUAGE ARTS LAB
9-10-11-12 **2 CREDITS**
Language Arts Lab is a supplemental course for students who need additional support in all the language arts (reading, writing, speaking and listening), especially in writing. It provides students with individualized or small group instruction designed to support success in completing language arts course work and/or ISTEP10.

SPEECH
10-11-12 **1 CREDIT**
Required for an Academic Honors Diploma
Speech class is a performance-oriented course of study. Students will be evaluated on their ability to research, outline, and extemporaneously deliver assigned speeches. As a minimum, students will deliver a personal introduction information speech, an information process/demonstration speech, an information exposition speech, a power point presentation, and a persuasive speech. For some of the speeches, students will be required to dress appropriately for the speaking occasion.

ACP PUBLIC SPEAKING (P155)
11-12 **1 HS CREDIT**
3 COLLEGE CREDITS

Prerequisite: Must take Speech only if planning to take P155 in grade 11
This class is available for dual credit through Indiana University pending accepted GPA and earning a C in the course.
The theory and practice of public speaking: training in thought processes necessary to organize speech content; analysis of components of effective delivery and language are taught in this course. It is not required to take Speech before Public Speaking, though students are welcome to do so.

FILM LITERATURE
11-12 **1 CREDIT**
Film Literature is a study of how literature is adapted for film or media. 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.

FAMILY & CONSUMER SCIENCE

PREPARING FOR COLLEGE & CAREERS
9 **1 CREDIT**
Preparing for College and Careers addresses the knowledge, skills, and behaviors all students need to be prepared for success in college, career, and life. The focus of the course is the impact of today's choices on tomorrow's possibilities. Topics to be addressed include twenty-first century life and career skills; higher order thinking, communication, leadership, and management processes; exploration of personal aptitudes, interests, values, and goals; examining multiple life roles and responsibilities as individuals and family members; planning and building employability skills; transferring school skills to life and work; and managing personal resources. This course includes reviewing the 16 national career clusters and Indiana's College and Career Pathways, in-depth investigation of one or more pathways, reviewing graduation plans, developing career plans, and developing personal and career portfolios. A project -based approach, including computer and technology applications, cooperative ventures between school and community, simulations, and real life experiences, is recommended.

INTRODUCTION TO FASHION & TEXTILES
9-10-11-12 **1-2 CREDITS**
Counts as a Fine Arts credit for Ac. Honors diploma
With understanding of textiles, the student will gain fashion knowledge and new basic techniques of garment construction. Basic needlecraft and creative stitchery skills such as cross-stitch, needlepoint, knitting, crocheting, and fabric stenciling will be learned.

INTRODUCTION TO HOUSING & INTERIOR DESIGN
9-10-11-12 **2 CREDITS**
Counts as a Fine Arts credit for Ac. Honors diploma
This course addresses the selection and planning of designed spaces to meet the needs, wants, values and lifestyles of individuals, families, clients, and communities. Housing decisions, resources and options will be explored

including factors affecting housing choices and the types of housing available. Developmental influences on housing and interior environments will also be considered. Basic historical architectural styling and basic furniture styles will be explored as well as basic identification of the elements and principles of design. Design and space planning involves evaluating floor plans and reading construction documents while learning to create safe, functional, and aesthetic spaces. Presentation techniques will be practiced to thoroughly communicate design ideas. Visual arts concepts including aesthetics, criticism, history and production, are addressed. Direct, concrete mathematics proficiencies will be applied. A project based approach will be utilized requiring higher-order thinking, communication, leadership and management processes as housing and interior design content is integrated into the design of interior spaces while meeting specific project criteria.

INTERPERSONAL RELATIONSHIPS
9-10-11-12 **1 CREDIT**
Interpersonal relationships is designed to assist young adults in achieving personal growth and satisfaction through relationships with other people. This course will help students develop an understanding and acceptance of responsibility for growing up, getting along with self and others, how to formulate acceptable values and goals, and learn communication skills and problem solving.

NUTRITION & WELLNESS
9-10-11-12 **1 CREDIT**
This course will introduce the knowledge of how culture backgrounds and resources influence food choices. Knowledge of nutritional needs of the body and how they are affected by the handling and preparations of the foods in the four food groups, as well as the types of meal service and knowledge of basic food preparations.

INTRODUCTION TO CULINARY ARTS & HOSPITALITY
9-10-11-12 **1 CREDIT**
Prerequisite: Nutrition & Wellness
This course is recommended for all students wanting to improve their nutrition and learn how nutrition affects the body across the lifespan. Students will take a closer look into food, serving techniques, health, advanced cooking techniques, and regional foods.

ADVANCED CHILD DEVELOPMENT & PARENTING
10-11-12 **1 CREDIT**
Prerequisite: Child Development
This course addresses issues of child development from age 4 through age 8 (grade 3). Advanced Child Development includes the study of professional and ethical issues in child development; child growth and development; child development theories, research, and best practices; child health and wellness; teaching and guiding children; special conditions affecting children; and career exploration in child development and nurturing. This course provides a foundation for continuing and post-secondary education in all career areas related to children, child development, and nurturing of children.

CHILD DEVELOPMENT & PARENTING
10-11-12 **1 CREDIT**
Child Development is especially relevant for students interested in careers that draw on knowledge of children, child development, and nurturing of children. This course addresses issues of child development from conception/prenatal through age 3. It includes the study of prenatal development and birth; growth and development of children; child care giving and nurturing; and support systems for parents and caregivers. This course provides the foundation for continuing and post-secondary education in all career areas related to children, child development, and nurturing of children.

FINE ARTS

2 credits required for an Academic Honors Diploma

DRAWING & PAINTING
9-10-11-12 **1-2 CREDITS**
This course is designed to promote the development of skill in form and techniques of drawing. Students will explore the use of materials, composition, historical connections as well as discussing the outcome of their experiences. This course also offers an introduction of the techniques of painting. Students will learn how to create abstract and realistic paintings from a still life using various techniques.

MUSIC HISTORY & APPRECIATION
9-10-11-12 **1 CREDIT**
Students receive instruction designed to explore music and major musical styles and periods through understanding music in relation to both Western and Non -Western history and culture. Activities include analyzing and describing music; evaluating music and music performances; and understanding relationships between music and the other arts, as well as disciplines outside of the arts.

MUSIC THEORY & COMPOSITION
9-10-11-12 **1 CREDIT**
Students develop skills in the analysis of music and theoretical concepts. They develop ear training and dictation skills, compose works that illustrate mastered concepts, understand harmonic structures and analysis, understand modes and scales, study a wide variety of musical styles, study traditional and nontraditional music notation and sound sources as tools for musical composition, and receive detailed instruction in other basic elements of music.

SCULPTURE & CERAMICS
9-10-11-12 **1-2 CREDITS**
Basic consideration of three-dimensional form will be studied. Students will be exposed to various materials, techniques, and processes. Instruction to all techniques will be given in hand building, wheel throwing, and glazing. Students will learn how to create abstract and traditional

forms using various methods and techniques. Students will also reflect upon their experiences through discussion and writing.

ADVANCED ART
10-11-12 **2 CREDITS**
Prerequisite: 2 credits from drawing/painting and/or sculpture/ceramics
This course will provide opportunities for students to explore their abilities to transmit forceful and meaningful ideas in a variety of media. Students will discover the possibilities and uses of a wide range of media used by contemporary and professional artists. The development of original ideas and communicating those ideas visually will be emphasized. **Students who are interested in pursuing Advanced Placement Studio Art are recommended to take this course in Grade 11.**

AP STUDIO ART- 2D, 3D or DRAWING
11-12 **2 CREDITS**
Prerequisite: Advanced Art
The Advanced Placement Studio Art course provides students with a learning experience equivalent to that of an introductory college course in studio art foundation. This College Board program is based on the premise that college-level work can be successfully developed by high achieving secondary school students. Students will create a portfolio of work in one of three areas of study: Drawing, 2D Design, or 3D Design. This body of work can be used to meet college admission portfolio requirements and will be assessed by the College Board for Advanced Placement credit in lieu of an examination.

CONCERT BAND
9-10-11-12 **2 CREDITS**
Students are provided with a balanced comprehensive study of music through the concert band, which develops skills in the psychomotor, cognitive, and affective domains. Instruction is designed to enable students to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. Ensemble and solo activities are designed to develop elements of musicianship including, but not limited to: (1) tone production, (2) technical skills, (3) intonation, (4) music reading skills, (5) listening skills, (6) analyzing music, and (7) studying historically significant styles of literature. Experiences include, but are not limited to, improvising, conducting, playing by ear, and sight-reading.

Students also have the opportunity to experience live performances by professionals during and outside of the school day. Time outside of the school day will be scheduled for dress rehearsals prior to performances. A limited number of public performances may serve as a culmination of daily rehearsal and musical goals. Students are required to participate in these performance opportunities, which are scheduled outside of the school day. These support and extend learning in the classroom.

CONCERT CHOIR
9-10-11-12 **2 CREDITS**
Students develop musicianship and specific performance skills through ensemble and solo singing. Activities create the development of quality repertoire in diverse styles of choral literature appropriate in difficulty and range for the students. Students develop the ability to understand and convey the composer's intent in order to connect the performer with the audience. Emphasis is placed on sight-reading, critical listening skills and vocal techniques. Some time will be scheduled outside the school day for rehearsals and performances as a culmination of daily rehearsal and music goals. Time outside of the school day will be scheduled for dress rehearsals prior to performances. A limited number of public performances may serve as a culmination of daily rehearsal and musical goals. Students are required to participate in these performance opportunities, which are scheduled outside of the school day. These support and extend learning in the classroom.

CHAMBER CHOIR
10-11-12 **2 CREDITS**
Prerequisite: An audition to be scheduled with the choir director. Participation in Concert Choir is recommended.
Student musicianship and specific performance skills in this course are enhanced through specialized small group instruction. The activities expand the repertoire of a specific genre. Chamber ensemble classes provide instruction in creating, performing, listening to, and analyzing music in addition to focusing on specific subject matter. 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.

INTERDISCIPLINARY COURSES

BASIC SKILLS
9-10-11-12 **2 CREDITS**
Students must have an Individualized Education Plan (IEP) to take this course or administrator recommendation.
Resource class is designed to help students in several academic areas. Students are graded on remediation and skills development work done at the beginning of each day. This time does not last longer than 20 minutes. The rest of the period, students are graded on their preparedness for class, effort/citizenship and time on task finishing homework, tests or quizzes. Students receive a letter grade for this course that does *not* calculate into their GPA.

TEACHING ASSISTANT

10-11-12 **1-2 CREDITS**

Teaching Assistant provides high school students with an opportunity to work with our LifeSkills class. Activities may include helping students on fieldtrips, exercise and daily responsibilities throughout the building. This is a great class for students interested in special education or health related careers.

SAT PREP

11 **1 CREDIT**

Prerequisite: Must be enrolled in or completed Geometry

This is a one-semester course ONLY FOR THOSE PLANNING ON TAKING THE SAT. The junior year is the best year to take this course. Seniors that wish to improve their SAT score could benefit from this class first semester. The first nine weeks is used to exclusively cover SAT testing tips. Students also use computer and teacher based work to practice on SAT test improvement materials. The second nine weeks provides students an opportunity to take career assessment tests, search for college scholarships, research majors and universities. Students will prepare a resume and letter of introduction. Students will also cover job interview techniques.

JOBS FOR AMERICA'S GRAUDATES (JAG)

11-12 **2 CREDITS**

Prerequisite: See instructor for qualification criteria

JAG 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 field trips, internships, mock interviews, and guest speakers. Resume development experience and career-related testing are also provided to students.

PEER TUTORING

11-12 **2 CREDITS**

Prerequisites: Application & Teacher approval

The PEER program is designed for juniors and seniors who would like to make a difference in their school community. High school peers are matched with third grade students ranking in the bottom 10% of their classes. PEERs are trained on expectations, reading and math strategies and procedures, given a tour of the elementary, and begin working with their 3rd grade student(s) directly after training. PEERs will provide their own transportation and go to the elementary five days a week. PEER candidates are expected to have great attendance, be sound in reading and mathematical ability, and should be role model caliber students. Students having discipline or attendance problems on the high school level need not apply; an application is required for admittance into PEER program.

MATHEMATICS

6 credits required for Graduation
6 credits in gr. 9-12 for class of 2016 and after

ALGEBRA I

9-10-11-12 **2 CREDITS**

Graduation Requirement

The content of this course consists of a study of the fundamental definitions and basic properties of real numbers. Algebraic expressions, factoring, solving equations and inequalities, systems of equations, algebraic fractions, powers, roots, functions, and polynomials are also covered. Emphasis will be placed on the understanding of the concepts and on the proficiency of performing the various operations.

GEOMETRY

9-10-11-12 **2 CREDITS**

Prerequisite: Algebra I

This course is designed to cover the fundamentals of geometry which include the principles of logic employed in a deductive proof, and their use in non-mathematical situations. Angle relationships, perpendicular and parallel line, congruence, similarity, polygons, and circles are studied. This course helps provide the mathematical framework that will be useful for future courses such as Physics, Analytical Geometry, Trigonometry, Chemistry, and Advanced Math.

MATHEMATICS LAB

9-10-11-12 **2 CREDITS**

Math Lab is a course designed to be taken with Algebra I to provide extra daily support and "re-teaching" of the concepts being taught in Algebra I. The extra support is designed to prepare students for the ISTEP10 and success in Algebra I. Math Lab is not intended to provide extra homework, but students may expect to do work in class with limited time to work on homework from other math courses. Upperclassmen that have passed Algebra I but not ISTEP10 may find Math Lab helpful in preparing for re-taking ISTEP10. Enrollment is limited to students in Algebra I or students that have passed Algebra I and need to re-take ISTEP10.

ALGEBRA II

10-11-12 **2 CREDITS**

Prerequisites: Algebra I and Geometry.

Algebra II and Geometry may be taken concurrently with teacher recommendation. The content of this course is a review of Algebra 1 with emphasis on more complicated expressions of a higher degree of discussion. This course also covers systems of inequalities, complex numbers, logarithms, sequences and series, and probability.

CCR BRIDGE: MATH READY

11-12 **2 CREDITS**

Option for Academic Honors Diploma

Prerequisite: Algebra I, Geometry, and Algebra II

The CCR Bridge: Math Ready course will include and reinforce the Algebra 1, Geometry, Algebra 2 and Statistics skills necessary to be ready for an entry -level college math course. This course emphasizes understanding of math concepts rather than just memorizing procedures. Math Ready students learn the context behind the procedure: why to use a certain formula or method to solve a problem, for example. This equips them with higher-order thinking skills in order to apply math skills, functions and concepts in different situations. The course is intended for students who currently have achieved the minimum math requirements for college entry. The content of this course is designed to enhance students' math skills so that they are ready for college- level math assignments. It is not designed to prepare students for college-level math in STEM majors.

PRECALCULUS/TRIGONOMETRY

11-12 **2 CREDITS**

Option for Academic Honors Diploma, Purdue and Indiana Universities

Prerequisites: Algebra I, Geometry, and Algebra II.

This is an advanced math course dealing with functions, systems of equations and inequalities, linear programming, graph symmetries, circular functions, trigonometric functions of acute angles, and solving of right triangles and oblique triangles. Other topics studied include circles, parabolas, ellipses, hyperbolas, polar coordinates, polar graphs, and exponential functions.

AP CALCULUS AB

12 **2 CREDITS**

Prerequisite: Algebra I, Geometry, and Algebra II, Pre-Calculus.

This course is designed for the accelerated math student planning to pursue a college career in mathematics, engineering, physics, chemistry, biology, or business and economics. Topics covered include functions, derivatives, and integrals. Each topic is presented geometrically, numerically, and algebraically. Formal definitions and procedures evolve through practical understanding of real world applications. An emphasis on technology is supported by the use of graphing calculators.

PHYSICAL EDUCATION & HEALTH

2 credits PE & 1 credit Health required for Graduation

PHYSICAL EDUCATION I & II

9 **2 CREDITS**

Graduation Requirement

This course is concerned with teaching the rules, developing skills, and attitudes in activities involving primarily body movements. Activities include: team, individual, and recreational sports. The emphasis will be on correct techniques in fundamental skills and selection of proper clothing and equipment. A physical fitness test will be given. Written tests and skills tests make up the evaluation process along with attitude and participation grades.

ELECTIVE PE-STRENGTH TRAINING

10-11-12 **1-6 CREDITS**

Prerequisites: Physical Education I & II with a grade of "B" average or better and Teacher approval.

This course identifies what a student should know and be able to do as a result of a quality physical education program. The goal of a physically educated student is to maintain appropriate levels of cardio-respiratory endurance, muscular strength and endurance, flexibility, and body composition necessary for a healthy and productive life.

HEALTH & WELLNESS EDUCATION

9-10-11-12 **1 CREDIT**

Graduation Requirement

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.

SCIENCE

6 credits required for Graduation

BIOLOGY I

9 **2 CREDITS**

Graduation Requirement

Biology I is a course based on the following core topics: cellular chemistry, structure and reproduction; matter cycles and energy transfer; interdependence of organisms; molecular basis of heredity; genetics and evolution. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation by designing and conducting investigations guided by theory

and by evaluating and communicating the results of those investigations according to accepted procedures.

HONORS BIOLOGY

9 **2 CREDITS**

Prerequisite: Above average ISTEP 7 scores & Teacher recommendation

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. Additionally, Honor's Biology will include advanced laboratory, field, and literature investigations. Students enrolled in Honor's Biology examine in greater depth the structures, functions, and processes of living organisms. Students also analyze and describe the relationship of Earth's living organisms to each other and to the environment in which they live. In this course, students refine their scientific inquiry skills as they collaboratively and independently apply their knowledge of the unifying themes of biology.

ADVANCED LIFE SCIENCE, ANIMALS

10-11-12 **2 CREDITS**

Prerequisite: Biology

This course is offered to students interested in a career in farming or related agri-business occupations. The course focuses on taxonomy and classification, molecules and cells and formulating, designing, and carrying out animal-based laboratory and field investigations. Students investigate key concepts that enable them to understand animal growth, development and physiology as it pertains to agricultural science. This course includes the areas of animal diseases, housing, nutrition, and effective management techniques. Once a student finishes this course, they have a thorough knowledge of agricultural animals, their needs, and their ability to produce profits.

ENVIRONMENTAL SCIENCE

10-11-12 **2 CREDITS**

Prerequisite: Biology

Environmental Science provides opportunities for the use of scientific procedures in carrying out first-hand, on-site investigations of conditions which affect the local environment. Students explore and evaluate alternatives to the existing environmental conditions in terms of scientific or technological feasibility, cost, the effect on the economy, and the quality of life in the community. In cases in which environmental improvement is desirable, students develop and evaluate one or more proposals for achieving desired improvement. The environmental conditions studied may involve natural resource use, waste disposal, or pollution (air, water, land, visual or sound) issues.

INTEGRATED CHEMISTRY-PHYSICS

10-11-12 **2 CREDITS**

Prerequisite: Biology I and Algebra I

Integrated Chemistry-Physics is a laboratory- based course in which students explore fundamental chemistry and physics principles. Students enrolled in this course examine, through the process of scientific inquiry, the structure and properties of matter, chemical reactions, forces, motion and the interactions between energy and matter. Working in a laboratory environment, students investigate the basics of chemistry and physics in solving real- world problems that may have personal or social consequences beyond the classroom.

CHEMISTRY I

10-11-12 **2 CREDITS**

Prerequisites: Biology I and Algebra I. It is recommended that students taking Chemistry have at least a C average in each of these courses. Sophomores who have taken Geometry as a freshman are encouraged to take this course.

The course is designed for any student interested in science and for those students planning to go to college. The class deals with the fundamental concepts of chemistry. These include: Properties of Matter, The Nature of a Chemical Change, The Structure of Matter, The Nature of Energy and Change, Some Historical Perspectives of Chemistry. Lab work is a very important part of the course, with approximately 20% of class time devoted to lab experiments done by the students.

ANATOMY & PHYSIOLOGY

10-11-12 **2 CREDITS**

Prerequisites: Biology with a B and completion of or enrollment in Chemistry

Anatomy & Physiology is a course in which students investigate and apply concepts associated with human anatomy and physiology. Concepts covered include the process of homeostasis and the essentials of human function at the level of genes, cells, tissues, and organ systems. Students will understand the structure, organization, and function of the various components of the healthy human body in order to apply this knowledge in all health-related fields.

ADVANCED SCIENCE, SPECIAL TOPICS

11-12 **2 CREDITS**

Prerequisite: ICP or Chemistry

Advanced Science, Special Topics is any science course which is grounded in extended laboratory, field, and literature investigations into one or more specialized science disciplines, such as anatomy/physiology, astronomy, biochemistry, botany, ecology, electromagnetism, genetics, geology, nuclear physics, organic chemistry, etc. Students enrolled in this course engage in an in-depth study of the application of science concepts, principles, and unifying themes that are unique to that particular science discipline and that address specific technological, environmental or health- related issues. Focus of the course will be a deeper understanding of the physics concepts covered in ICP with the addition of several more. This class will have less math intensive content than Physics 1, but will still require the ability to do Algebra and Geometry.

AP CHEMISTRY

11-12 **2 CREDITS**

Prerequisite: Chemistry I. It is recommended that students taking AP Chemistry have at least a B average in Chemistry I or the permission of the instructor.

The AP Chemistry course is designed to be the equivalent of a general first year college Inorganic Chemistry course. A college textbook is used and the pace of material presented is similar to the pace in a college class. There are a limited number of tests, as is typical of a college class. Some topics from first year chemistry are presented with a more detailed explanation, and many additional topics are introduced. Lab work is very important, taking about 30% of class time.

AP ENVIRONMENTAL SCIENCE

11-12 **2 CREDITS**

Environmental Science, Advanced Placement is a course based on content established by the College Board. Students enrolled in AP Environmental Science investigate the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

PHYSICS

11-12 **2 CREDITS**

Prerequisites: Algebra I, Geometry, and Chemistry with a C

The Physics course is designed to show students how physics describes the natural world, using quantities such as velocity, acceleration, force, energy, momentum and charge. Doing hands on experiments, students develop skills that enable them to better understand the world around them. Students will learn to make predictions using physical laws and calculate or estimate these quantities. Students will also receive information about historical events and their impact on physics and how developments in physics have affected the world we live in.

SOCIAL STUDIES

6 credits required for Graduation

CURRENT PROBLEMS, ISSUES & EVENTS

9-11-12 **1-2 CREDITS**

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

AP WORLD HISTORY

10 **2 CREDITS**

The AP World History course focuses on developing students' understanding world history from approximately 8000 B.C.E. to the present. The course has students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion and interaction of economic systems; development and transformation of social structures) that students explore throughout the course in order to make connections among historical developments in different times and places encompassing the five major geographical regions of the glove: Africa, the Americas, Asia, Europe, and Oceania.

GEOGRAPHY AND HISTORY OF THE WORLD

10 **2 CREDITS**

CORE 40, AHD & THD Graduation Requirement

This course is designed to enable students to use the geographic "way of looking at the world" to deepen their understanding of major themes that have manifested themselves over time- for example, the origin and spread of world religions; exploration; conquest; and imperialism; urbanization; and innovations and revolutions. Specific geographic and historical skills and concepts of historical geography are used to explore these global themes primarily but not exclusively for the period beginning in 1000CE. The skills are grouped into five sets, each representing a fundamental step in a comprehensive investigative/inquiry procedure. They are: 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 finds orally and /or in writing.

AP U.S. HISTORY

11 **2 CREDITS**

The AP United States History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the issues and source materials of United States history. The program's intent is to prepare students for intermediate college courses by making demands upon them similar to those made by full-year introductory college courses. Students should learn to assess historical materials - their relevance to a given interpretative goal, their reliability, and their importance – and to weigh the evidence and interpretations presented in historical scholarship. The course will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

U.S. HISTORY

11 **2 CREDITS**

Graduation Requirement

This course is designed to acquaint students with important knowledge of the American nation and the differing people and cultures that compose the United States. Special

emphasis is placed on major events taking place in the successive eras of our nation's development.

AP PSYCHOLOGY
11-12 **1 CREDIT**
Prerequisite: Psychology
The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

PSYCHOLOGY
11-12 **1 CREDIT**
Psychology is the scientific study of mental processes and behavior. The standards have divided the course into six content areas. Scientific Methods explore research methods and ethical consideration. Developmental psychology takes a life span approach to physical, cognitive, language, emotional, social, and moral development. Cognitive aspects of the course focus on learning, memory, information processing, and language. Personality, Assessment, and Mental Health topics include psychological disorders, treatment, personality, and assessment. Socio-cultural dimensions of behavior deal with topics such as conformity, obedience, perceptions, attitudes, and influence of the group on the individual. The Biological Basic focuses on the way the brain and nervous system function, including sensation, perception, motivation, and emotion.

AP U.S. GOVERNMENT
12 **1 CREDIT**
This course will give students an analytical perspective on government and politics in the United States. The course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. Students will become familiar with the various institutions, groups, beliefs, and ideas that constitute U.S. politics. Through the previously mentioned items, students will become prepared to take the national AP Exam administered in May.

U.S. GOVERNMENT
12 **1 CREDIT**
Graduation Requirement
The purpose of this class is to stimulate interest in understanding our government, its operation, activities, and problems. Students will examine a comparison of politics and economic systems, the American political parties and elections, legislative, executive, and judicial powers, foreign policy, taxation and the role of state and local government. These subjects are included among other topics necessary to be an informed and productive citizen of our modern society.

VOCATIONAL

J. EVERETT LIGHT CAREER CENTER
11-12 **4- 6 CREDITS**
Required for Technical Honors Diploma
Prerequisites: Completion of Algebra I and JEL Enrollment Form
Sheridan High School participates in the J. Everett Light Career Center. Students should expect to follow JEL academic calendar and rules. The Career Center provides vocational and technical training for students interested in preparing for a specific occupation as well as opportunities to earn college credit and industry certifications.

INTERDISCIPLINARY COOPERATIVE EDUCATION (ICE)
12 **3- 6 CREDITS**
This course is a combination of related instruction planned around the activities associated with students' individual jobs and with their career objectives in an occupation from any of the vocational areas of agri-business, business, home economics occupations, marketing, health occupations, or industrial education. Students will be placed with employers in the area who agree to the ICE Program. They are to work not less than 15 hours per week and are to comply with all state and federal laws pertaining to employment of youth. Students are allowed to change positions one time per year with the teacher's permission.

IVY TECH NOBLESVILLE
12 **4 HS CREDITS**
12-13 COLLEGE CREDITS
This class is available for dual credit through Ivy Tech pending accepted placement scores and earning a C in the course.
Students will attend Ivy Tech Community College-Hamilton County. Enrollment is limited to 18 Hamilton County high school students in each program. Costs for students are limited to textbooks, supplies and assessment costs (voluntary) only. Three tracks of study are available: Computing & Informatics, Building Construction, and Visual Communication. Each track consists of four Ivy Tech courses to be taken from August to May.

WORLD LANGUAGES

6-8 credits required for an Academic Honors Diploma

FRENCH I/SPANISH I
9-10-11-12 **2 CREDITS**
Prerequisites: Student should score satisfactorily on the Language Expression and Mechanics sections of the ISTEP Plus exam and/or have a C English class. Discussion with and teacher approval may be necessary.
The first-year student is introduced to the vocabulary, basic grammatical structures, and pronunciation of French/Spanish, along with the customs and an increasing awareness of the "daily life" culture of French/Spanish-speaking countries. Communication skills are stressed, and the student acquires, by the end of the first year, a basic

ability to participate in short conversations about daily activities in French/Spanish. Also, he/she is able to read and write about these activities. In addition, he/she acquires communication skills.

FRENCH II/SPANISH II

9-10-11-12 **2 CREDITS**

Prerequisites: A grade of C or higher in French/Spanish I and/or teacher approval.

The second year builds on the foundation established during the first year of study and begins with review of this material. Students are expected to recall and add to the vocabulary and grammar structures gained in the first year. Proficiency in speaking, listening, reading and writing continue to be emphasized. By the end of the second year of study, the student is able to express himself/herself more freely and to converse more extensively in offering opinions, participating in discussions, interviewing, describing events, and requesting information. Culture studies are both integrated with language study and presented as separate focal points.

FRENCH III/SPANISH III

10-11-12 **2 CREDITS**

Prerequisites: A grade of C or higher in French/Spanish I and II and/or teacher approval.

The skills attained in the first two years of French/Spanish are strengthened in the third year of French/Spanish through additional practice in speaking, reading, writing and listening. The student is expected to remember, use, build upon, and add to the knowledge gained from French/Spanish I and II in vocabulary, grammar structures and speaking skills. In addition, French/Spanish III introduces a large amount of new, in-depth vocabulary and structure. An intensive study of the simple verb tenses and some of the compound verb tenses is included. Cultural studies continue to be included with language study and classroom activities.

FRENCH IV/SPANISH IV (FREN/SPAN 101 & 102)

11-12 **2 HS CREDITS**
8 COLLEGE CREDITS

Prerequisites: A grade of C or higher in French/Spanish II and III and/or teacher approval

This class is available for dual credit through Ivy Tech pending accepted placement scores and earning a C in the course.

The fourth year of French/Spanish continues to stress the development of listening, speaking, reading and writing skills, while building on the knowledge gained in the first three years of study. The study of vocabulary and grammar continue to be an important aspect of the curriculum. Upon completion of this course, the student should have knowledge of all the seven simple verb tenses and seven compound verb tenses in French/Spanish. Additional emphasis is included in reading with the inclusion of short stories, a play and/or an abbreviated novel.

This course and its contents are tailored to the needs, interests, and strengths of the students enrolled; it may include creative writing, skits, teaching young learners, and other activities as suited to the abilities of the class. Continued emphasis is placed on the cultural study of the customs, history and sociology of French/Spanish -speaking peoples.

FRENCH V (FREN 201 & 202)/SPANISH V (SPAN 201 & 202

12 **2 HS CREDITS**
8 COLLEGE CREDITS

Prerequisites: A grade of C or higher in French I, II, III and IV, and/or teacher approval.

This class is available for dual credit through Ivy Tech pending accepted placement scores and earning a C in the course.

The French V/Spanish V 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. This course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. This course also engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of products, both tangible and intangible; practices and perspectives.