



2019-2020

Sidney High School Course Guide

Dear Sidney High School Parents and Students,

Welcome to academic scheduling and career planning for the next school year. The process of planning your academic program is one of the most important tasks you will perform during your high school years. The courses you take are not merely classes required to graduate from high school, but opportunities to prepare yourself for higher learning, the workforce, and success in life. The courses you select should reflect your current interests as well as future goals.

Students select available courses that determine their course of study for the next school year. Such selections are to be made carefully. They are also considered "BINDING" upon the student following a verification of the choices. Students have the freedom of choice in the selection of courses, and it must be understood that such courses should be chosen carefully and with genuine consideration for the student's future. Once course choices are made, every effort should be exercised by the student and the parent to adhere to them.

Sidney High School offers different courses designed to meet the needs of our student population. In addition to courses offered at the high school, a wide variety of programs are provided for 11th and 12th grade students at Upper Valley Career Center. Students also have the opportunity to participate in College Credit Plus (CCP) upon meeting the necessary requirements. If you have questions about any of these courses or your graduation requirements do not hesitate to contact your school counselor.

SCHEDULING INFORMATION

SCHEDULING: PRELIMINARY STEPS FOR STUDENTS

1. Become familiar with the course guide.
2. Study requirements for graduation and testing.
3. Review the electives and how they may relate to a possible career field. (*see career pathways section)
4. Develop a sequence of required and elective courses to meet graduation requirements and to facilitate post-graduation plans.
5. Discuss course levels and course selections with teachers and counselors.
6. Discuss tentative course selections with parents/guardians.

SCHEDULING: COURSE SELECTION PROCEDURE

1. Meet in scheduling assemblies/small groups/one on one to receive scheduling information and discuss scheduling process.
2. Students discuss course offerings with teachers and parents.
3. Finalize course selection and enter requests at online scheduling website.
4. It is expected that students develop a sound educational plan and an appropriate schedule prior to the end of the current school year.

SCHEDULING: SCHEDULE CHANGES (ADD/DROPS)

1. Students should register for a minimum of six classes each semester. Student athletes must be taking and passing a minimum of five-1/2 credit classes each semester to remain eligible during their season.
2. Policies for changing a student's schedule are listed below. Changes to a schedule must be made by the end of the 7th day of the class of each semester and may require a parent signature.

Students may:

- Change their schedule in order to take courses necessary for graduation or college
- Change their schedule if the original or alternate course requests were not scheduled correctly
- Withdraw from a course after the 7th day of the semester. However, they will receive a semester grade of "WF" which will be computed in the grade point average (GPA).
- Change the academic level (i.e. Accelerated, AP) of a class after consultation with parent, school counselor, and teacher. This should occur within the first 7 days of the class meeting.

GRADUATION PLANNING AND REQUIREMENTS

GRADING SYSTEM

Sidney High School uses a nine-week grading period; therefore, grades are issued four times during the school year. The following grading scale has been adopted by the Board of Education:

A+	98-100	B+	88-89	C+	78-79	D+	68-69
A	93-97	B	83-87	C	73-77	D	63-67
A-	90-92	B-	80-82	C-	70-72	D-	60-62
						F	Below 60

GRADE POINT AVERAGE

The grade point average (GPA) is figured on the 4.0 scale for all courses, except those that are pass/fail, and it is used to determine class rank. A grade point is computed by multiplying the number of grade points earned in each course (A=4, B=3, C=2, D=1, F=0) times the number of credits the course is worth. The total number of points is divided by the number of credits attempted to determine the GPA. A grade of W/F will have an impact on the student's GPA, as it will be calculated into the cumulative GPA and the class rank. Advanced Placement and CCP classes will use a weighted 5.0 GPA scale.

GRADUATION REQUIREMENTS: Class of 2018 & BEYOND

<u>Courses</u>	<u>Credits</u>
English	4
Mathematics	4
in most cases, must include Algebra II	
Science	
Physical Science	1
Biology	1
Advanced Science	1
Social Studies	
World History	1
American History	1
Government	1
Health	0.5
Physical Education*	0.5
Required Electives*	6

Electives: earned by taking any of the following courses or a combination thereof: Fine Arts, Foreign Language, Family and Consumer Sciences, Technology, Agricultural Education, ELA, Math, Marketing, Workforce Academy, Career-Technical Education

Total Credits Required for Graduation 21

Fine Arts

2 semesters of fine arts (art, chorus, band) must be completed in any of grades 7-12

Testing Requirement- Class of 2018 and beyond

- End of Course Exams
 - Students earn a cumulative passing score of 18 points, using seven end-of-course state tests. Students must earn a minimum of four points in math, four points in English and six points across science and social studies.
- Industry credential and workforce readiness
 - Students earn 12 points through a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and achieve a workforce readiness score on the WorkKeys assessment.
- College admission test
 - Students will take the ACT at Sidney High School during a one-time statewide spring test in grade 11.

HONORS DIPLOMA

<http://education.ohio.gov/getattachment/Topics/Ohio-Graduation-Requirements/Graduation-Requirements-2014-2017/Criteria-for-Diploma-with-Honors/Honors-Diploma-Revised-Grid.pdf.aspx>

SENIOR HONORS- SUMMA/MAGNA/CUM LAUDE

Summa Cum Laude Honors: Students receiving this highest honor must attain a minimum 4.25 cumulative GPA and meet the criteria for an honors diploma.

Magna Cum Laude Honors: Students receiving this higher honor must attain a cumulative GPA of 4.0-4.24 and meet the criteria for an honors diploma.

Cum Laude Honors: Students receiving this honor must attain a minimum cumulative GPA of 3.75-3.99 and meet the criteria for an honors diploma.

Students will be credentialed for this academic award after their 7th semester.

In calculating these honors, all SHS CCP courses and AP courses will be weighted. Any CCP course taken off campus and is deemed equivalent to an AP or CCP course at SHS will be weighted. The final decision of this equivalency will be made by SHS counselors in consultation with SHS CCP teachers, SHS administration, and the district's curriculum director. Students are **strongly** encouraged to address any questions about courses and their weights with their counselor prior to scheduling.

COLLEGE ENTRANCE RECOMMENDATIONS

College entrance requirements vary. The following courses are recommended for a strong college preparatory program.

English.....4 credits
Mathematics.....4 credits
Science.....4 credits
Social Studies.....4 credits

World Language.....2-3 credits
Fine Arts.....1 credits

EARLY GRADUATION

Sidney City Schools has a policy for students wishing to graduate early from high school. Students considering early graduation should discuss this option with their high school counselor prior to November 1 of the early graduation year.

NCAA ELIGIBILITY

Students who plan on participating in college athletics at an NCAA member school must ensure that courses taken throughout his or her high school career meet the eligibility standards as set by the NCAA Eligibility Center. For a complete listing of all requirements as well as all approved and denied courses for Sidney High School, please visit the NCAA Eligibility Center website at <http://eligibilitycenter.org/>

EDUCATIONAL OPPORTUNITIES AND OPTIONS AT SHS

Shelby County Online Learning Academy (SCOLA)

Shelby County Online Learning Academy (SCOLA) is for Shelby County students in grades 6-12 who are currently home schooled or those who wish to transition to a homeschool environment. This online program is web-based and can be accessed from home. It is available to students 24 hours a day, 7 days a week. The SCOLA curriculum meets all state standards and requirements through the Ohio Department of Education. Students interested in SCOLA need to meet with their counselor to determine if this educational option is a good fit.

Opportunity School

Opportunity School is an educational program geared for students in grades 11 and 12 that have not had success in the traditional school setting. In many cases, students are credit deficient and are at risk of not graduating. Opportunity school meets from 3:00-7:00 pm each day. Students seeking Opportunity school as an option must complete an application and be referred by a counselor and administrator. Requests for Opportunity school must be completed by May 15 of the preceding school year. Notification of placement will be given after May 15th and before the first day of the next school year.

Upper Valley Career Center (UVCC)

Upper Valley Career Center sponsors 25 career-technical programs offered on the main campus in Piqua. The opportunities and education available at UVCC will prepare you for college and the workforce. Students interested in UVCC will apply as sophomores. Students who are on track to graduate have the best opportunity to get into a program at UVCC. Students who begin at UVCC are expected to make the commitment to their programs for two years.

Workforce Academy

The philosophy of the Workforce Academy is to provide a unique, real-world approach to learning. With a state-of-the-art classroom equipped with current technologies, students are

exposed to 21st century skills and technologies through learning experiences in partnership with Shelby County business leaders. Introduction of guest speakers, job shadowing, field trips, and possible internships, will allow students to gain first-hand experience to in-demand careers in Shelby County. Students will be given opportunities to explore multiple professions and career fields, with exposure to work sites and professionals, as well as cutting-edge technologies. Students will understand how relevant their education is to their future success. Students will develop a career plan, understand the availability, and have exposure to those careers in Shelby County and develop a map to obtain career and personal goals. The course offerings are designed to help students with the acquisition of skills, knowledge, and attitudes important in the global world. The course of study will benefit both students entering college as well as those going directly into the workforce during and/or after high school.

Career Based Intervention Program (CBI)

The Career Based Intervention Program is a career-technical program designed for students in grades 9-12 who are eligible based on academic and/or economic need. The CBI Program is designed to help students improve academic competence, graduate from high school, develop employability skills, set goals and implement a career plan, and participate in a career pathway in preparing for post secondary education and future careers.

Advanced Placement Courses (AP)

The mission of Advanced Placement classes is to provide students with opportunities to acquire the skills and habits necessary for postsecondary success. High schools students who complete AP courses demonstrate their mastery of subject material by earning qualifying grades on AP examinations. AP test results of 3,4, or 5 may qualify students for college credit.

College Credit Plus (CCP)

Ohio's College Credit Plus program has replaced the Post-Secondary Enrollment Program and has expanded the dual enrollment options for all students at Ohio Public Schools. All students interested in College Credit Plus are required to attend one of Sidney High School's CCP meetings. The student/parent must submit a letter of intent by April 1 of the preceding year and follow all necessary steps for enrollment, including meeting all deadlines for qualification and registration. Please see your counselor for questions.

Credit Flexibility

Sidney City Schools supports effective educational programs that provide opportunities for students to customize aspects of their learning around their needs and interests. By giving students choice, Credit Flexibility has the potential to increase authentic student engagement. Credit Flexibility is designed to broaden the scope of curricular options available to students, increase the depth of study possible for a particular subject, and allow the tailoring of learning time and/or condition. It removes time from the academic equation and puts mastery as the determining factor for awarding credit. Credit Flexibility is intended to motivate and increase student learning by allowing: Access to more resources, especially real-world experiences. Customization around individual student needs. Use of multiple measures of learning, especially those where students demonstrate what they know and can do, apply learning, or document performance. Students may earn credit by:

- Completing traditional coursework.

- Testing out through a grade of 80% or better on an approved End of Course or Final Exam (per teacher/counselor/administration approval)
- Scoring a proficient score or better on an approved State of Ohio End of Course exam after unsuccessfully passing the course in the tested area.
- Completing an Individually Designed Plan (a course a student designs).
- Pursuing an Educational Option including but not limited to, distance learning, online education, or independent study.

Student interested in any of these credit flexibility options need to meet with their school counselor.

Summer School

Sidney City School offers limited opportunities for students during the summer months. Summer School opportunities will be communicated with students before the end of the school year. Students that are deficient in credits should strongly consider summer school in order to recovery necessary credits needed for graduation.

Students with Disabilities

A student receives special education and related services through the special education department based solely on student needs identified and documented through the IEP process. A student's disability category does not determine the type or level of special education services to be provided. Services are determined on an individual basis with a team. Instructional support may include modifications to the curriculum or accommodations that assist the student in accessing the curriculum. Support is provided in a continuum of environments including, but not limited to:

- Career and College Readiness education classes
- Career and College Readiness classes with special education support
- Career and College Readiness - core classes taught by an intervention specialist with a modified curriculum
- Small group intervention
- Work Study

P.I.E.

All students enrolled at SHS have the opportunity to participate in PIE. This time is designed to provide students with an opportunity to meet with a teacher on a daily basis. This teacher will help the student coordinate intervention and enrichment activities.

English Learners (EL)

The EL program is designed for students whose primary/home/native language is something other than English. Students who participate in the ELL program are identified by the school district based on certain criteria. Descriptions for ELL classes are listed under the English course descriptions.

Physical Education Options

Students who successfully complete TWO full seasons of interscholastic athletics, marching band, or cheerleading may be excused from the high school Physical Education requirement. This waives a student's PE requirement. PE waivers are available in the HS guidance office. It is

the student's responsibility to complete the necessary paperwork to waive the PE requirement.

School Counseling Program

School counseling professionals at Sidney High School provide a comprehensive program of counseling services for students in grades 9 through 12. Roles of a school counselor include academic counseling and advising, personal counseling, test administration and interpretation, functioning as a liaison between families and the school, facilitating scholarships, scheduling, and consulting on the curriculum and building issues.

CAREER PATHWAYS

AGRICULTURE & ENVIRONMENTAL SYSTEMS

This career path may be for you if you are a nature lover. Are you practical, curious about the physical world and interested in plants and animals? Are you interested in protecting the digital medenvironment?

Career Options

- Animal Science
- Environmental Science
- Food Science/Food Inspection
- Wildlife/Fisheries Management
- GeoScience
- Water Systems
- Animal Health Care

Course Options in High School

- Agriculture, Food, & Natural Resources
- Biology/Chemistry/ SEED
- Math
- Nutrition & Wellness/Foods
- Ag & Power Technologies*
- Veterinary Science*
- Landscape Management*

ARTS & COMMUNICATION

This career pathway is for you if you are creative thinker, imaginative, innovative, and original. Do you like to communicate ideas? Do you like making crafts, drawing, playing a musical instrument, taking photos, or writing stories?

Career Options

- Advertising and Public Relations
- Creative Writing/Journalism
- Film Production
- Foreign Languages
- Performing Arts
- Visual Design
- Commercial Design

Course Options in High School

- Language Arts
- Fine Arts Courses (Drawing/Ceramics, Band, Choir)
- TV Productions/Yearbook
- Spanish/German
- Information Technology/Web Design
- Design & Digital Print Technologies*

BUSINESS ADMINISTRATION, MANAGEMENT, FINANCE, & MARKETING

This career pathway is for you if you are a leader and you enjoy organizing people, planning activities, and talking. Do you like to work with numbers? Do you like to see an idea through until the end product?

Career Options

- Accounting
- Office Administration/Management
- Economics/E-commerce
- Marketing
- Insurance
- Financial Advising/Banking
- Supply Chain Management

Course Options in High School

- Math (Statistics)
- Language Arts
- Information Technology
- Spanish/German
- Marketing
- Workforce Career Academy

ENGINEERING, SCIENCE TECHNOLOGIES, MANUFACTURING, INDUSTRIAL, COMPUTER TECHNOLOGY

This career pathway may be for you if you are mechanically inclined and practical. Do you like reading diagrams and blueprints, and drawing building structures? Are you curious about how things work? Would you enjoy painting a house, repairing cars, wiring electrical circuits, or woodworking?

Career Options

- Architecture
- Mechanics & Repair
- Manufacturing Technology
- Engineering (Chemical, Electrical, Mechanical)
- Construction
- Aerospace
- Industrial Technology

Course Options in High School

- Math (Statistics/Calculus)/Science (Chem/Physics)
- Workforce Career Academy/Tech Lab
- Information Technology/Computer Info Systems
- Carpentry/Electrical Trades/HVAC*
- Pre-Engineering/Electronic Applications*
- Auto Collision/Auto Services/Auto Tech*
- Manufacturing/Machining/Welding*

HEALTH SCIENCES

This career path may be for you if you like to take care of people or animals. Are you interested in diseases and how the body works? Do you enjoy reading about science and medicine? Would it be fun to learn first aid or volunteer at a hospital or veterinary clinic?

Career Options

- Medicine/Medical/Nursing
- Dentistry
- Nutrition & Fitness
- OT/PT/Speech Pathology
- Radiology

Course Options in High School

- Math (Statistics/Calculus)
- Science (Chem/Physics/Anatomy)
- Weightlifting
- Exercise Science*
- Medical Careers Academy*

HUMAN SERVICES (EDUCATION, GOVERNMENT, HOSPITALITY, LAW)

This career pathway may be for you if you are friendly, open, understanding, and cooperative? Do you like to work with people to solve problems? Is it important to you to do something that makes things better for other people? Do you like to help friends with family problems? Do you like reading, storytelling, traveling, or tutoring young children?

Career Options

- Human Services
- Education
- Child & Family Services
- Law Enforcement
- Mental Health Counseling
- Culinary Arts/Cosmetologist

Course Options in High School

- Social Sciences (Psych/SS Electives)
- Language Arts/English courses
- Child Development
- Cosmetology*
- Culinary Arts*
- Early Childhood/Teacher Academy*

Program/Coursework/Certifications offered through Upper Valley Career Center

COURSE OFFERINGS AT SHS

ENGLISH

The English program must fit the needs of students who live in a world in which communication is increasingly important. English classes must go beyond basic reading and writing to prepare students for current and future demands of the workplace, society, and the individual. In order to participate fully in society and to realize their potential, students must encounter an English program in which reading, writing, listening, and speaking are developed for authentic purposes and audiences. Students are surrounded by language in all forms in an interactive classroom. To become competent in all the language processes, students address these processes in an integrated fashion. Four credits of English are required for graduation.

ENGLISH 9

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: None

Course Description: Freshman English is devoted to the basic communication skills of listening, speaking, reading, and writing. Vocabulary will be studied through the use of context clues in conjunction with literature study. Literature is studied through genre in the areas of the short story, non-fiction, poetry, mythology, the epic, drama, and the novel. Composition techniques in this course will focus on descriptive, narrative, and expository paragraph writing, along with research methods in an essay. Grammar instruction will include the parts of speech. Mechanics usage including punctuation, maintaining consistent number and gender, point of view, and verb tenses will be addressed.

ENGLISH 9 CP

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: None

Course Description: College Preparatory English 9 is a thematic study of literature, writing, grammar, and vocabulary. Units of literature include fiction, nonfiction, informational text, drama, poetry, and the novel. Outside reading is both required and encouraged in addition to the curriculum. Class days will consist of a variety of the following: writing, vocabulary, grammar, and/or literature activities. Some activities are completed in class, and some will be continued at home, especially reading components. Good composition techniques will be a major focus in this course. Fundamentals of essay writing should be evident in student work at the beginning of this course, for written assignments will focus on analysis of literary text. Students will produce a variety of the following writing modes throughout the year: narrative, descriptive, argumentative, and expository, along with research.

ACCELERATED ENGLISH 9**Length of Class:** 2 semesters**Credit(s):** 1**Prerequisite:** Teacher recommendation

Course Description: Accelerated English presents an intensified thematic study of fiction, nonfiction, informational text, poetry, the novel, and drama. Emphasis will be placed on developing critical, analytical reading skills, constructive class discussion, and evaluative writing for future CCP courses. These are key components that students need to practice outside of class. Students write both under timed conditions as well as with a greater degree of sophistication; therefore, an advanced level of written composition and higher-level thinking for analysis and application should be evident as students enter the course. Students will gain an understanding of MLA formatting, poetic language and devices, annotation, and research techniques. Mechanics, grammar, and usage will be reviewed in the writing process to produce quality written composition. Vocabulary development will be studied through literature and other units. Students recommended should have strong written expression and critical thinking skills, be able to work both independently and in small group discussions.

ENGLISH 10**Length of Class:** 2 semesters**Credit(s):** 1**Prerequisite:** English 9

Course Description: This course is a reinforcement and continuation of the skills taught in the ninth grade course. The course will review grammar and usage, sentence structure, spelling, paragraph structure, literary elements, dictionary and research skills, and study skills. To develop skills, students will read short stories, novels, poems, plays and non-fiction. An emphasis will also be placed on related vocabulary skills. Students will write unified paragraphs which are well developed and coherent. Students will also compose multiple essays and conduct research.

ENGLISH 10 CP**Length of Class:** 2 semesters**Credit(s):** 1**Prerequisite:** English 9 and Teacher Recommendation

Course Description: This course is a reinforcement and continuation of the skills taught in the ninth grade course. Students will review grammar and usage, sentence structure, spelling, paragraph structure, literary elements, research skills, and study skills. To develop skills, students will read short stories, novels, poems, plays, and non-fiction. An emphasis will also be placed on related vocabulary skills. Students will compose multiple essays including a research paper. Homework will be necessary to be successful in this class.

ACCELERATED ENGLISH 10**Length of Class:** 2 semesters**Credit(s):** 1**Prerequisite:** English 9 and Teacher Recommendation**Course Description:** Accelerated English in the sophomore year will begin to develop advanced skills in reading literature, in writing critical papers, and in completing a research project.

Students enrolled in this course will be expected to read numerous short stories, novels, poems, and plays from collections and various selections of non-fiction. To prepare students to respond to literature on the college level, students will be taught to write critical essays about the literature they read. They will also have the opportunity to write creatively. To further develop their writing skills, students will be expected to write a research paper. Review of grammar and usage skills will be included. To be successful in this course, students should expect to spend a minimum of one hour per night or seven hours a week studying.

ENGLISH 11**Length of Class:** 2 semesters**Credit(s):** 1**Prerequisite:** English 10

Course Description: Eleventh grade English will focus on a survey of periods in American literature examining essential questions thematically. The course will focus on strengthening critical reading skills through fiction, poetry, nonfiction, and informational texts. Vocabulary will be studied in conjunction with reading selections in order to strengthen strategic reading skills. The writing process will be reviewed with emphasis on expository, narrative, and argumentative writing. Research skills will be strengthened through media and technology activities in conjunction with units of study. Additionally, speaking and listening skills will be developed for students to strengthen interpersonal communication skills.

ENGLISH 11 CP**Length of Class:** 2 semesters**Credit(s):** 1**Prerequisite:** English 10 and Teacher Recommendation

Course Description: This course includes a study of American Literature from the early Puritan influence until the 20th century. In addition, students will read a variety of nonfiction pieces including essays, speeches, articles, biographies, autobiographies, and historical documents. Vocabulary will be studied in conjunction with the reading selections as well as standardized test preparation including ACT/SAT words. Emphasis will be placed on the writing process, and students will complete a variety of essays including personal experience, expository, analysis, argumentation, and research. English 11 CP students should expect rigor in writing, vocabulary, and critical reading.

ACCELERATED ENGLISH 11**Length of Class:** 2 semesters**Credit:** 1**Prerequisite:** English 10 and Teacher Recommendation**Course Description:** Students, enrolled in Composition 121 –CCP, should take Accelerated

English prior to taking composition. This course reviews important MLA and APA citation methods, critical reading strategies, and sophisticated diction in preparation for composition. It includes a study of American Literature from the early Puritan influence until the early 20th century. Students will read, discuss, and write about topics, authors, and situations presented within the readings while incorporating writing activities including prose, poetry, and drama. Students will read at least one college level novel independently and prepare a detailed critique to class.

ENGLISH 12

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: English 11

Course Description: Twelfth grade English will provide students an opportunity to strengthen critical reading skills through fiction, poetry, nonfiction, and informational texts. Students will focus on identifying and articulating the author's purpose in multiple genres of writing. Vocabulary will be studied in conjunction with reading selections in order to strengthen strategic reading skills. The writing process will be reviewed with emphasis on expository, narrative, and persuasive paragraphs and essays. Daily journal writing should be expected. Research skills will be strengthened through media and technology activities in conjunction with units of study.

ENGLISH 12 CP

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: English 11 and Teacher Recommendation

Course Description: The first semester of this English program will provide students with a strong background in British Literature from the Anglo Saxon times through the English Renaissance. Students should be prepared to read various genres of literature in their chronological study of literary periods that shaped the evolution of the English language. Writing assignments will range from daily informal journals to multi- draft analytical essays. Vocabulary and reading strategies will be studied in preparation for college level selections. Multiple assessments will be used.

The second semester of this English program will focus primarily on informational texts. Students will study rhetorical strategies that writer's use and identify claims in multiple forms of informational texts. Students will also read several short novels related to the informational text. Writing assignments will range from daily informal journals to multi- draft analytical essays. Research skills will be strengthened through media and technology activities in conjunction with units of stud. A research project will be completed. Multiple assessments will be used.

ACCELERATED ENGLISH 12

Length of Class: 1 semester

Credit(s): 1

Prerequisite:

Course Description: This English program will provide students with a strong background in

British Literature from the Anglo Saxon times through the English Renaissance. Students should be prepared to read various genres of literature in their chronological study of literary periods that shaped the evolution of the English language. Writing assignments will range from daily informal journals to multi- draft analytical essays. Vocabulary and reading strategies will be studied in preparation for college level selections. Multiple assessments will be used.

COMPOSITION I (CCP- Edison State Community College)

Length of Class: 1 semester

HS Credit: 1

College Credit: 3 hours

Prerequisite: Meet requirements for CCP enrollment in course, English 9, & English 10 is strongly recommended

Course Description: This course includes study and practice of essay writing by reading published authors and producing college-level writing for a variety of audiences and purposes. The course employs critical thinking and analytical skills in both formal and informal writing. Formal writing is based on reporting information, narration, analysis, and research. All writing will stress Standard English, organization, and style. In addition, the course will include instruction for standardized test writing and sophisticated ACT/SAT vocabulary usage. This class uses a weighted grade scale.

COMPOSITION II (CCP- Edison State Community College)

Length of Class: 1 Semester

HS Credit: 1

College Credit: 3 hours

Prerequisite: Composition I CCP

Course Description: Composition II is a semester of introductory college level English. It will follow the syllabus for Edison Community College. Students should expect to compose formal essays, reviews, and reference papers based on the study of logic and library research. Writings will stress organization, logic of argument, referencing techniques, and the use of Standard English. Writings will not only be in response to required reading, but a reflection of substantial critical thinking and research skills. This class will operate with college level expectations for attendance and academics.

INTRODUCTION TO LITERATURE (CCP-Edison State Community College)

Length of Class: 1 Semester

HS Credit: 1

College Credit: 3 hours

Prerequisite: Composition I CCP

Course Description: Introduction to Literature is a college level English class. Students will complete an extensive amount of reading in multiple genres including the essay, short story, novel, and drama. Students will be expected to write about literature both in and out of class. Much of this writing will be critical analysis about literature discussed in class. This class will operate with college level expectations for attendance and academics.

FUNDAMENTALS OF COMMUNICATION (CCP-Edison State Community College)

Length of Class: 1 semester

HS Credit: 1

College Credit: 3 hours

Prerequisite: Meet requirements for CCP enrollment in course

Course Description: This course provides an introduction to principles of effective oral communication. Activities will involve the sending and receiving of verbal and nonverbal messages in all contexts, with an emphasis on presentational speaking skills. Students will participate in dyads, small groups, and public presentations while learning the importance of active listening, interviewing, and writing. Expectations include perfecting communications skills and engaging oneself in communication with peers. This class uses a weighted grading scale. This class is for elective credit.

YEARBOOK

Length of Class: 2 semesters

Credit: 1

Prerequisite: English aptitude and basic computer skills. Must be approved by Yearbook Advisor through application process.

Course Description: The Sidney High School yearbook is an annual publication designed, planned and implemented by a selected staff of high school students. The yearbook, a nonprofit activity, teaches layout, copywriting, photography and some publication techniques. Creative students with an interest in photography, an above average writing ability and basic computer skills are desired. Students must obtain the approval of the annual advisor through an application process before registering. This class is for elective credit.

English Language Learners (ELL)**ENGLISH LEARNERS I**

Length of Class: 2 semesters

Credit: 1

Prerequisite: Limited English Proficiency (Non-English Speaking to Beginning)

Course Description: This course is designed to improve reading and writing scores for the limited English proficient student. The student will focus on intense intervention in developing those reading and writing skills that will help them to function successfully in our society. Goals for students will be to earn credits toward graduation and to pass standardized tests required for graduation. This course is designed to continue to assist students with limited English proficiency to improve speaking, listening, writing and reading skills. Students must qualify for the class by meeting the state guidelines.

ENGLISH LEARNERS II

Length of class: 2 semesters

Credit(s): 1

Prerequisite: Limited English Proficiency - Beginning to Advanced

Course Description: This course is designed to improve the English speaking, listening, writing and reading skills of students who have limited English proficiency. Students must qualify for the class by meeting the state guidelines.

EL SKILLS

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Limited English Proficiency - Beginning to Advanced

Course Description: This course is designed to improve the English speaking, listening, writing and reading skills of students who have limited English proficiency. Students must qualify for the class by meeting the state guidelines.

MATHEMATICS

Due to the increasing demands and uses of technology in our society, the need for a solid mathematical background is critical. The logic, structure, attention to detail and problem-solving skills learned in the math classroom will aid, not only the college-bound student, but also those students who enter a technical school or the job market. Our program demands high standards from all students, yet places them in situations that provide them the best chance of successfully reaching and maintaining those standards. Sidney High School and the Ohio Department of Education require 4 credits of mathematics to graduate.

APPLIED ALGEBRA

Length of Class: 2 semesters

Credit(s): 1

Grades: 9

Prerequisite: Teacher Recommendation

Corequisite: Algebra I

Course Description: This course is for students who require more demonstration and practice time in order to master the course topics of Algebra I. This course will place a strong emphasis on the continued study of integers, fractions, order of operations, variables, expressions, and equations. Students will solve and graph equations and inequalities, write and solve proportions, and explore geometry, statistics, and graph concepts. Problem solving will be emphasized throughout the course. Upon completion of the course, students will then move onto Algebra I. This course will count as one of the students' four math credits for graduation; however, this is not an NCAA approved course.

ALGEBRA I

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: None

Course Description: During the study of Algebra 1, the student is expected to extend his/her concept of the properties of numbers, especially the real number system, the properties of various operations as performed on the elements of the real number system and the properties of quantitative equality and inequality as expressed in mathematical functions and formulas. This course supplies a language and pattern of reasoning for the rest of mathematics and is important in its applications in various departments as well as in the sequential math program.

GEOMETRY

Length of Course: 2 semesters

Credit(s): 1

Prerequisite: Algebra I

Course Description: Plane and solid geometry are studied with an emphasis on the structure of geometry. Algebra is extended and used throughout the course as a tool to develop geometry skills. Proofs in mathematics are studied, based on postulates and definitions applied to various plane or solid figures. The preparation time depends upon student aptitude and background in math.

ACCELERATED GEOMETRY

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Algebra 1 and Teacher Recommendation

Course Description: Plane and solid geometry are studied with an emphasis on the structure of geometry. Algebra is extended and used throughout the course as a tool to develop geometry skills. Proofs in mathematics are studied, based on postulates and definitions applied to various plane or solid figures and will go above and beyond College Prep High School requirements. The student should expect to spend 30-60 minutes per day on preparation beyond class time. The preparation time depends upon student aptitude and background in math. This course will go above and beyond the college prep high school requirements.

ALGEBRA II

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Geometry or Advanced Geometry

Course Description: Algebra II is an extension of Algebra I beginning with a study of quadratic equations. Complex number and binomial theorem are also included. Students must have taken and successfully passed Algebra II in order to be eligible for graduation. Students who take this course will be prepared to move on to upper-level mathematics.

ACCELERATED ALGEBRA II

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Geometry or Teacher Recommendation

Course Description: Algebra II is an extension of Algebra I beginning with a study of quadratic equations. Complex number and binomial theorem are also included. Student need to be successful in Accelerated Algebra II in order to take higher level math courses (Pre-Calculus, Calculus, Calculus AP and Stats AP). Students must have taken and successfully passed Algebra II in order to be eligible for graduation. This course will go above and beyond the college prep high school requirements

PRECALCULUS

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Algebra II or Teacher Recommendation

Course Description: This is the study of functions, trigonometry, analytic geometry, sequences, series limits, conic sections, vectors, polar coordinates, introduction to calculus, log and exponential functions.

COLLEGE ALGEBRA (CCP-Edison State Community College)

Length of Class: 1 semester

HS Credit: 1

College Credit: 3 hours

Prerequisite: Meet all necessary requirements for CCP enrollment in course

Course Description: College algebra course is designed to provide a basis for continued study in mathematics or application fields. Topics include functions and relations and their graphs; algebraic operations on functions; theory of polynomial equations; analysis of rational functions; exponential and logarithmic relationships; systems of equations and inequalities. This course uses a weighted grade scale.

TRIGONOMETRY (CCP-Edison State Community College)

Length of Class: 1 semester

HS Credit: 1

College Credit: 3 hours

Prerequisite: Meet all necessary requirements for CCP enrollment in course

Course Description: Part of an algebra-trigonometry sequence. Topics include basic trigonometric ratios; radians as an angle measure; trigonometric functions and their graphs; trigonometric identities; trigonometric description of complex numbers and roots and powers of real and complex numbers. This course uses a weighted grade scale.

CONSUMER MATH

Length of Class: 2 semesters

Credit(s): 1.0

Prerequisite: Algebra 2 or Teacher Recommendation

Course Description: Consumer Math is meant to prepare students for the real-life mathematics that they will encounter as a consumer in their everyday lives.

CALCULUS

Length of Class: 1 semester (Sem.1 will be non CCP/Sem.2 will be CCP-Edison Community College)

HS Credit: 1

College Credit: 5 hours

Prerequisite: Meet all necessary requirements for CCP enrollment in course

Course Description: The study of differential calculus, rates and differentials, curve-tracing, indefinite and definite integrals, maxima and minima, exponential derivatives and integrals of logarithmic and trig functions, theorem of the mean, indeterminate forms, Rolle's theorem, fundamental theorems of integral calculus, area, volume surface area, curve length, introduction to economic application, and physics applications. The CCP portion of this class uses a weighted grade scale.

AP STATISTICS

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: A or B in Previous Math Course or Teacher Recommendation/Jr./Sr recommended

Course Description: This college-level course will include topics in exploring data, planning a study, using probability as it relates to distribution of data, and applying inferential reasoning. The course instructor will use and teach with the TI-83+ or TI-84+. This class uses a weighted grade scale.

SOCIAL STUDIES

The Social Studies Program is to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in the social sciences. Students should learn to assess these materials, their relevance to a given interpretive problem, their reliability and validity, and their importance and to weigh the evidence and interpretations presented in social science scholarship. Students should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and present reasons and evidence clearly and persuasively in both the written and oral format. Students must be able to draw upon a reservoir of systematic, factual knowledge in order to exercise analytical skills intelligently. Ultimately, educating students for responsible citizenship and productive lives is of primary importance.

WORLD HISTORY

Length of Class: 2 semesters

Credit(s): 1

Prerequisites: Required for all first year students

Course Description: Students in this class will complete the chronological study of World History 1715 to present . As students study each historical event, they consider the geographic setting, the cultural perspectives, the economic implications, and the role of governments. Students will develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods. Students can also expect to review concepts necessary for the End of Course Exams.

ACCELERATED WORLD HISTORY

Length of Class: 2 semesters

Credit(s):1

Prerequisites: Teacher Recommendation

Course Description: Ninth graders will complete the chronological study of World History 1715 to present. This class will require students to master a large amount of information while analyzing and synthesizing it to solve complex problems and issues. Students will need to dedicate 4 to 6 hours a week outside of class to master the information. As students study each historical event, they consider the geographic setting, the cultural perspectives, the economic implications, and the role of governments. Students will be responsible for in-depth reading beyond the basic texts. They will develop analytical and persuasive writing skills necessary for CCP classes. Students can also expect to review concepts necessary for the End of Course Exams. This course will go above and beyond the regular high school requirements. Students should expect to spend 30-60 minutes per day on preparation beyond class time.

AMERICAN HISTORY

Length of Class: 2 semesters

Credit(s):1

Prerequisites: World History

Course Description: Tenth graders complete the chronological study of the history of the United States (1877-Present) that was started in the middle school. As students study historical events, they consider the geographic setting, the cultural perspectives, the economic implications and the role of the government. They also develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods. Students can also expect to review concepts necessary for End of Course Exams.

ACCELERATED AMERICAN HISTORY

Length of Class: 2 semesters

Credit: 1

Prerequisites: World History/Acc World History

Course Description: Tenth graders complete the chronological study of the history of the United States (1877-Present) that was started in the middle school. As students study historical events, they consider the geographic setting, the cultural perspectives, the economic implications and the role of the government. They also develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods. Students can also expect to review concepts necessary for End of Course Exams. This course will go above and beyond the regular high school requirements. Students should expect to spend 30-60 minutes per day on preparation beyond class time.

HISTORY OF US I & II (CCP- Edison State Community College)

Length of Class: 1 semester each

Credit(s): 2

College Credit: 3 hours per class

Prerequisites: Enrollment in CCP

Course Description: This US History course is a rigorous study of the development of the U.S. as a nation. This course will require students to master a large amount of information while analyzing and synthesizing information to solve complex problems and issues. Students will need to dedicate 4 to 6 hours a week outside of class to master the information. Very strong writing skills and higher level thinking skills are required. This class uses a weighted grade scale.

AMERICAN GOVERNMENT

Length of Class: 2 semesters

Credit(s): 1

Prerequisites: Two Social Studies Credits

Course Description: The college prep American Government class strives to impart a knowledge and understanding of American democracy and government. The origins of democratic government, the U.S. Constitution, the executive branch, the legislative branch, the judicial branch, civil liberties, state and local government, and the role of an individual in American society are all topics of study and discussion. Students will also complete the financial literacy

requirement as set forth by the Ohio Department of Education. Students can also expect to review concepts necessary for the End of Course Exams

ACCELERATED AMERICAN GOVERNMENT

Length of Class: 2 semesters

Credit(s): 1

Prerequisites: Two Social Studies Credits

Course Description: The college prep American Government class strives to impart a knowledge and understanding of American democracy and government. The origins of democratic government, the U.S. Constitution, the executive branch, the legislative branch, the judicial branch, civil liberties, state and local government, and the role of an individual in American society are all topics of study and discussion. Students will also complete the financial literacy requirement as set forth by the Ohio Department of Education. Students can also expect to review concepts necessary for the End of Course Exams. This course will go above and beyond the regular high school requirements. Students should expect to spend 30-60 minutes per day on preparation beyond class time.

AMERICAN NATIONAL GOVERNMENT (CCP-Edison State Community College)

Length of Class: Semester Class

HS Credit: 1

College Credit: 3 hours

Prerequisites: Enrollment in CCP

Course Description: This course is a college level course designed to give the student an advanced perspective of politics and government in the United States. Both general concepts and specific case studies will be used to acquire an understanding of the American political system. General topics covered are foundations of American Government, civil liberties and civil rights, American political institutions, politics of participation, and public policy. Class discussions, lectures, readings and writing assignments will also be used. This course will require students to master a large amount of information while analyzing and synthesizing information to solve complex problems and issues. Students will need to dedicate 4 to 6 hours a week outside of class to master the information. Very strong writing skills and higher level thinking skills are required. This course helps prepare the student to obtain college credit in American National Government through Edison Community College. This class uses a weighted grade scale.

WESTERN CIVILIZATION to 1715 (CCP-Edison State Community College)

WESTERN CIVILIZATION since 1715 (CCP-Edison State Community College)

Length of Class: 2 Semester class

HS Credit: 2

College Credit: 3 hours per class

Prerequisites: Enrollment in CCP

Course Description: Students in this class will study the development of western civilization from ancient to modern times, emphasizing the distinctive characteristics of Western culture; the ideas, individuals, and institutions that shaped it; and the influence of Western culture on the world. Class discussions, lectures, readings and writing assignments will also be used. This

course will require students to master a large amount of information while analyzing and synthesizing information to solve complex problems and issues. Students will need to dedicate 4 to 6 hours a week outside of class to master the information. Very strong writing skills and higher level thinking skills are required. This course helps prepare the student to obtain college credit in European History through Edison Community College. This class uses a weighted grade scale.

THE WORLD WARS AND THE HOLOCAUST

Length of Course: Semester Class

Credit(s): .5

Prerequisites: Two Social Studies Credits

Course Description: This course is a semester-long survey studying the causes, personalities, and major military actions and campaigns of the war. Course content also includes, Japanese Internment, and the development and use of the Atomic Bomb. Political and social effects of the war will be studied as well. This course will feature some supplemental readings.

This particular course is also devoted to literature and film created by human beings both during and after unspeakable conditions. This course focuses on literature (fiction, memoir, poetry, non-fiction) created by the victims of the Holocaust – written primarily by Jews, but by other victims also. The perpetrators left no literature, only propaganda. Nazi ideology, World War I and II, the history of Anti-Semitism, Modern Genocide will be discussed primarily as a means to provide a context for the literature that is our main focus. This course sets out to provide the beginnings of an understanding of events whose enormity of unprecedented cruelty can never be understood. There are no simple answers to complicated questions. Our readings and discussions will focus on human suffering, human cruelty, and often deliberately inflicted extreme cruelty, as revealed in what is often referred to as the literature of atrocity.” This course will be challenging for many reasons: First there will be a fair amount of reading; second, the information presented in this class is difficult to read and to discuss. Students are encouraged to ask questions, share thoughts and emotions; students will be asked to respect the memories of the victims, and to respect one another as we struggle to understand the inexplicable.

GLOBAL TERRORISM

Length of class: Semester Class

Credit(s): .5

Prerequisites: Two Social Studies Credits

Course Description: Global Terrorism will trace the causes and consequences of current issues and their impact. Current events, Political, Social, Economic and Religious issues will also be covered in the context of this class. Students will learn the Historic, Religious, Social, and Political roots of current events through readings, videos, class discussions, and Socratic debate. This course also aims to improve students’ understanding of historiography and critical reading skill through film and literature.

INTRODUCTION TO PSYCHOLOGY

Length of class: Semester class

Prerequisites: must be a junior or senior

Credit: .5

Course Description: This social science deals primarily with the study of the human mind and behavior. The course explores the origins of psychology, research methods, human development, perception, consciousness, multiple intelligences, motivation, gender roles, psychological disorders, as well as careers in this field of study. The class also provides an overview of psychological topics that encourages students to examine the mental processes of thought and emotion.

INTRODUCTION TO SOCIOLOGY

Length of class: Semester class

Prerequisites: must be a junior or senior

Credit: .5

Course Description: This social science deals primarily with the study of people and culture. This course will explore the topics of socialization, research methods, values, conformity, collective behavior, diversity, historical inequality, social change, family structure, immigration, distribution of wealth, religions and philosophies, as well as environmental influences on personality. Students will engage in critical thinking about social and cultural issues, and they will be offered lessons on how to develop the sociological perspective. The course is an overview that introduces students to the complex and dynamic social world in which we live.

YOUTH IN GOVERNMENT

Length of class: 2 semesters

Prerequisites: Teacher Approval

Credit: 1

Course Description: Students who are accepted to this class will participate in two "real world" simulations of our system of government: Mock Trial and YMCA Youth in Government. In part one of the class, students will portray lawyers and witnesses in front of real judges in a statewide competition against other schools. In part two of the class students will act as state legislators and write bill, debate in committees and vote on perspective laws at the Ohio State House in Columbus. This class will require students who are comfortable with public speaking, enjoy debate and the governmental process. Students will be asked to meet after school hours on occasion and must be willing to commit the extra time to improve their skills.

SCIENCE

Science courses offer students a means of achieving scientific literacy and an opportunity to develop problem-solving skills so that students will become wise participants in our increasingly technological world. Sidney High School offers students a well-balanced program in a variety of scientific disciplines while providing students with the opportunity for obtaining skills and knowledge in specific focus areas. The approach in all classes is lab-oriented. Students are taught to collect and analyze experimental data for the purpose of drawing general conclusions supported by that data. Students are presented with general science principles and are given multiple opportunities to apply those principles to a variety of situations. Three (3) credits in Science are required for graduation. At least one credit must be Physical Science, and Biology. The third credit will be an "Advanced" Science such as Chemistry, Environmental Science, Physics or Anatomy and Physiology. For an Honors Diploma students need 4 credits of Science.

PHYSICAL SCIENCE

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: None

Course Description: Physical Science introduces students to key concepts and theories that provide a foundation for further study in other sciences and advanced science disciplines. The class presents a survey of introductory physical science topics emphasizing chemistry, physics, and the universe. Specifically students will explore: matter, energy and waves, forces and motion, and the universe. Students will experience project-based learning and will have laboratory experiences. This course serves the purpose of building a good science foundation and providing desirable background to successfully begin a course in more advanced science classes.

ACCELERATED PHYSICAL SCIENCE

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Teacher Recommendation from 8th grade

Course Description: Accelerated Physical Science introduces students to key concepts and theories that provide a foundation for further study in other sciences and advanced science disciplines. This course is aligned to Physical Science, and because of pacing, subjects will be discussed in greater depth. The class presents a survey of introductory physical science topics emphasizing chemistry, and physics. Specifically students will explore: matter, energy and waves, forces and motion, and the universe. Students will experience project-based learning and will have many laboratory experiences. This course serves the purpose of building a good science foundation and providing desirable background to successfully begin a course in more advanced science classes. This course will go above and beyond the regular high school requirements. Students should expect to spend 30-60 minutes per day on preparation beyond class time.

BIOLOGY

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: None.

Course Description: Biology investigates the composition, diversity, complexity and interconnectedness of life on Earth. Fundamental concepts of heredity and evolution provide a framework through inquiry-based instruction to explore the living world, the physical environment and the interactions within and between them. Students engage in class and laboratory investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. The course progresses at a slower pace and incorporates more individualized direction.

ACCELERATED BIOLOGY

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Teacher recommendation from 8th grade OR from 9th grade Physical Science

Course Description: Accelerated Biology investigates the composition, diversity, complexity and interconnectedness of life on Earth. Fundamental concepts of heredity and evolution provide a framework through inquiry-based instruction to explore the living world, the physical environment and the interactions within and between them. Students engage in class and laboratory investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. This course offers much more rigor in assignments and laboratory exercises. Students should expect to spend 30-60 minutes per day on preparation beyond class time.

CHEMISTRY

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Biology

Course Description: This course introduces students to key concepts and theories that provide a foundation for further study in other sciences as well as advanced science disciplines. Chemistry comprises a systematic study of the predictive physical interactions of matter and subsequent events that occur in the natural world. The study of matter through the exploration of classification, its structure and its interactions is how this course is organized. Investigations are used to understand and explain the behavior of matter in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. An understanding of leading theories and how they have informed current knowledge prepares students with higher order cognitive capabilities of evaluation, prediction and application. This course places extensive emphasis on the importance of laboratory work and critical thinking skills.

PHYSICS

Length of Class: 2 semesters

HS Credit: 1

College Credit: 5 hours

Corequisite: Precalculus

Course Description: Physics elaborates on the study of the key concepts of motion, forces and energy as they relate to increasingly complex systems and applications that will provide a foundation for further study in science and scientific literacy. Students engage in investigations to understand and explain motion, forces and energy in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. This course includes Inquiry-based laboratory experience that engages students in asking valid, scientific questions and analyzing and gathering data. The course will expand on the physics that was covered in physical science.

ENVIRONMENTAL SCIENCE

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: NONE

Course Description: Environmental Science incorporates biology, chemistry, physics, and physical geology and it will introduce students to key concepts, principles, and theories within environmental science. Investigations are used to understand and explain the behavior of nature in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real world applications.

COLLEGE PHYSICS 1

Length of Class: 2 semesters (Sem.1 will be non CCP/ Sem.2 will be CCP-Edison Community College)

HS Credit: 1.5

College Credit: 5 hours

Prerequisite: Meet all eligibility criteria for enrollment in CCP by S2, must be enrolled in precalculus

Course Description: The physics course aims to increase the student's knowledge of the physical world by concentrating on the concepts of motion, forces, energy, heat, waves, light, optics, and electricity. It is designed to show students how physics applies in their everyday world – how things work and why things happen as they do. An important part of the course also deals with the development of such skills as observing, inferring, analyzing data, identifying and controlling variables in physics experiments. The CCP portion of this course uses a weighted grade scale.

ANATOMY & PHYSIOLOGY

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Biology, Chemistry (can be a co-requisite) and Teacher Recommendation

Course Description: This course is an elective life science course designed to be taken over two semesters. Anatomy & Physiology involves studying the integration of the structure and

function of the human body. In-class learning is accompanied by field experiences, speakers, and dissections. Topics covered include: cells, tissues, skeletal, muscular, nervous system, sensory organs, respiratory, digestive, cardiovascular, urinary, reproductive, and endocrine systems.

ADVANCED PLACEMENT (AP) CHEMISTRY

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Chemistry, Algebra 2, and Teacher Recommendation

Course Description: AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. This course requires that 25% of the instructional time provides students with opportunities to engage laboratory investigations. Students should be prepared to spend at least 1.5-2 hours per night studying/doing homework for this class. This class is designed to prepare students for the AP Chemistry Exam in the spring (students will be responsible for the AP test fee if they elect to take the test). This class uses a weighted grade scale.

ADVANCED PLACEMENT (AP) BIOLOGY

(Class is offered every other year, next offering will be in 2020-2021)

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Advanced Biology, Chemistry (or taking Chemistry), and Teacher Recommendation

Course Description: This class is designed to be the equivalent of an introductory college-level biology course, and it is designed to prepare students for the AP Biology Exam in the spring (students will be responsible for the AP test fee if they elect to take the test). The big ideas within the AP Biology Curriculum Framework include: evolution, matter and energy, information essential to life processes, and ecological interactions. The coursework and lab work differ from the first high school course in biology with respect to the difficulty of textbook used, the range and depth of topics covered, and the complexity of laboratory work done by the students. Students will spend 25% of instructional time doing labs and may have to spend time before or after school hours to complete labs. Students should be prepared to spend at least 1.5-2 hours per night studying/doing homework for this class. This class uses a weighted grade scale.

SEED I (Science, Engineering, Enrichment, Discovery)

Length of Class: 2 semesters

Credit: 1

Prerequisite: (none)

Course Description: SEED is an environmental science class with hands-on activities and field trips as students learn the relationship between humans and ecosystems. The course will utilize 3D printer technology and model engineering. Students will be required to use critical thinking skills to discuss topics such as global climate change, alternative energy, and sustainable living.

SEED II (Science, Engineering, Enrichment, Discovery)

Length of Class: 2 semesters

Credit: 1

Prerequisite: SEED I

Course Description: This is for students that have successfully completed SEED I. Students will serve as mentors to the SEED I students and be responsible for independent research projects that cover topics such as global climate change, alternative energy, and sustainable living in greater depth.

WORLD LANGUAGES

The World Language program rests on the belief that learning another language and another culture is an important skill in today's global economy. The study of a language and culture will enable students to interact and communicate effectively with diverse communities here and abroad. It will give students an appreciation for another language and culture as well as foster critical thinking and problem-solving skills. To know another language and culture in today's world, with its global economy and international communication network, gives students the opportunity to use these skills on a personal, social and business level. Students are encouraged to pursue a 3 or 4-year program in the same language.

SPANISH I

Length of Class: 2 semesters

Credit: 1.0

Prerequisite: B Grade or Higher in English is Recommended

Course Description: Students will learn the alphabet, numbers and commonly used phrases in Spanish. Students will learn to tell time in Spanish and other everyday conversational topics. Students will learn Spanish pronunciation. Students will learn beginner level vocabulary and how to use the present tense in Spanish. Students will also learn Spanish speaking countries and their capitals along with culturally relevant topics.

SPANISH II

Length of Class: 2 semesters

Credit: 1.0

Prerequisite: B/ C grade in Spanish I

Course Description: Students will learn vocabulary commonly used in everyday language. Students will learn everyday conversational topics, for example how to tell time. Students will learn how to use the present (regular and irregular), preterit (regular and irregular), demonstrative adjectives, and present progressive tenses in Spanish. Students will also learn Spanish speaking countries and their capitals along with culturally relevant topics.

SPANISH III

Length of Class: 2 semesters

Credit: 1.0

Prerequisite: B/C Grade or Higher in Spanish II is Strongly Recommended

Course Description: Spanish III seeks mastery of listening, reading, writing, and speaking skills. There will be advanced grammar topics and additional thematic vocabulary introduced in this course. There will also be limited experiences with Spanish literature and an emphasis placed on the grammatical and conversational elements of speech. There are quarterly projects in this course as well.

ADVANCED PLACEMENT (AP) SPANISH IV

Length of Class: 2 semesters

Credit(s) : 1

Prerequisite: C Grade or Higher in Spanish III Strongly Recommended

Course Description: The AP Spanish Language and Culture course is intended for the highly

motivated and capable student who would benefit from a more accelerated pace of learning and additional, more challenging areas of study. AP Spanish Language and Culture is a course for students who have completed the Spanish 3 course and/or have been recommended by his/her teacher for the AP level. The class will focus on both grammatical accuracy and communicative fluency. Grammatical knowledge and vocabulary will be refined and expanded so that, as a student, you will be able to more easily comprehend written and spoken Spanish, and more easily express your own ideas when writing and speaking. This class will allow you to continue to building proficiency in the areas of reading, writing, listening, and speaking through a variety of interactive and non-interactive activities such as: compositions, essays, oral presentation, role plays, in-depth studies of Spanish and Latin American culture, literature, history, and geography. This is a weighted course.

GERMAN I

Credit(s): 1

Length of Class: 2 semesters

Prerequisite: C Grade or Higher in English is Recommended

Course Description: This course is an introduction to the German language where the fundamentals of speaking and writing skills are developed. The class is taught by thematic concepts based on vocabulary, culture and grammar. The topics studied are Greetings, Numbers, Colors, Calendars, Schools, Food, Clothing, Houses, Geography and Famous Germans.

*A three-ring binder and journal notebook will be required.

GERMAN II

Credit(s): 1

Length of Class: Year Long Class

Prerequisite: C Grade or Higher in German I is Strongly Recommended

Course Description: This course builds upon the skills learned in German I, with more intense focus on oral skills and listening comprehension. Continued thematic vocabulary, cultural and grammar concepts lend to the study of cities, holidays, adjectives, occupations, weather, travel and animals. Also included is a simulation of the Berlin Wall, where the class is divided, functioning much like the German City prior to 1989.

*A three ring binder, journal notebook and a Langescheidt's German Dictionary will be required.

GERMAN III

Credit(s): 1

Length of Class: 2 semesters

Prerequisite: C Grade or Higher in German II is Strongly Recommended

Course Description: This course takes the concepts and skills built in German I and II and uses them daily in context. The course focuses on German history. Students read myths and legends, lyrical poetry and fairy tales ALL in German! In addition, writing/editing skills are developed along with the daily "question of the day," designed to foster communication and speaking skills. The class is conducted in a half-German/half-English format. Thematic lessons are taught on heroic German legends, fairy tales, castles, the world wars, the Holocaust and post-war Germany. Emphasis will be on speaking. * A Langescheidt's German Dictionary will be required.

ADVANCED PLACEMENT (AP) GERMAN LANGUAGE & CULTURE

Credit(s): 1

Length of Class: 2 semesters

Prerequisite: C Grade or Higher in German III is Strongly Recommended

Course Description: This course is the capstone German class, designed for seniors. The goal is to build skills to a level where students can perform well on college placement tests. Grammar concepts are reviewed and fine tuned, along with the further development of writing/editing skills. Reading has a greater focus, as students read a variety of literature ranging from pop culture, news, and classical writing. Research includes in-depth writing about influential Germans. This course is conducted primarily in German. * A Langescheidt's German Dictionary will be required. This is a weighted course.

PHYSICAL EDUCATION AND HEALTH

HEALTH

Length of Class: 1 Semester

Credit: .5

Prerequisite: NONE

Course Description: This course contains activities that promote understanding, attitudes, and practices consistent with individual, family and community health needs. Topics will include nutrition, diet, fitness, drugs, alcohol and tobacco as well as drug abuse prevention and mental health.

PHYSICAL EDUCATION

Length of Class: 1 Semester

Credit: .25

Prerequisite: NONE

Course Description: A comprehensive subject area which incorporates fundamental motor skills, body control and balance, physical fitness, leisure sports and games skills, cognitive skills, as well as stress management skills.

WEIGHT TRAINING

Length of Class: 1 semester

Credit: .5

Prerequisite: Met PE requirements for graduation, Teacher/coach referral

Course Description: Geared toward students with accelerated abilities in athletics, the emphasis in this course is on muscular strength, endurance, flexibility, and safety. Weight room safety, warm-up/cool down procedures, lifting technique and safety for all lifts, major muscle identification and nutrition are all important components in this course.

OFFICIATING IN ATHLETICS

Length of Class: 1 semester

Credit: .5

Prerequisite: Grades 11/12, background or strong interest in athletics

Course Description: Do you enjoy sports? Athletic officiating can be fulfilling. It can also provide opportunities for physical fitness, continuing education, socialization, public service and extra income (\$25+/hour). Most importantly, officiating interscholastic sports allows students to participate in extracurricular athletics. Successful completion of this class will enable students to be a "class 3" licensed officials through the Ohio High School Athletic Association (OHSAA). "Class 3" licensed officials can officiate 8th grade and younger contests upon the successful completion of the course and certification exam. Certification is currently \$65 per sport. Certification for baseball and softball can be combined together for \$90 total. Upon high school graduation, "class 3" officials can automatically become "class 2" licensed officials (junior varsity and younger). Tentatively based on interest 1st semester - baseball and softball, 2nd semester - basketball.

CAREER BASED INTERVENTION AND WORK EXPERIENCE

CAREER CONNECTIONS 9/10

Length of Class: 2 semesters

Credit: 1

Prerequisite: NONE

Course Description: Career Connections is designed to assist students who have academic or financial barriers to high school success. The course focuses on the development of employability skills and provides academic intervention. The following topics are included in the course: job applications, resumes, interviewing, safety skills, business correspondence, career and college planning, financial literacy including tax filing, and entrepreneurship. Reading, writing, and speaking as employability skills are emphasized. Students in this course may also receive credit for work experience.

CAREER CONNECTIONS 11/12

Length of Class: 2 semesters

Credit: 1

Prerequisite: NONE

Course Description: Career Connections for upperclassmen is designed to assist students who have academic or financial barriers to high school graduation. The course focuses on the refinement of employability skills and provides academic intervention. The following topics are included in the course: job applications, resumes, interviewing, safety skills, business correspondence, career and college planning, financial literacy including tax filing, and entrepreneurship. Reading, writing, and speaking as employability skills are emphasized. The students will develop a career portfolio that prepares them for employment. Each student in this course must obtain and/or maintain a job throughout the academic year and may be eligible for an early work release with administrative approval.

CBI WORK PROGRAM

Length: 1 or 2 semesters

Credit: 1-2

Prerequisite: Must be taken concurrently with a Career Connections class

Course Description: This course grants credit for on the job work experience. Students must be employed, volunteering, job shadowing, or involved with a career exploration program an average of five hours a week to receive credit. An additional credit may be awarded based on the number of hours worked for the semester or year. Students must complete time cards and will have an employer evaluation submitted for each grading period. Each student in this course must obtain and/or maintain a job throughout the academic year and may be eligible for an early work release with administrative approval.

WORKFORCE /JOB TRAINING

WORKFORCE CAREER EXPLORATION

Length of Class: 1 semester

Credit(s): .5

Prerequisite: It is recommended that this course be taken as a freshman or sophomore to determine career interests and skills.

Course Description: Career Exploration will give students a unique learning experience complete with a state-of-the-art classroom equipped with current technologies. This course is focused on building skills before employment such as resume writing, navigating the job search, completing a job application, and interview skills. Students will explore firsthand the career opportunities in Shelby County with guest speakers, as well as explore and begin to develop a career plan for their future success, whether that be through higher education or employment.

ADVENTURES IN WORK & LIFE

Length of Class: 1 semester

Credit(s): .5

Prerequisite: It is recommended that this course be taken as a freshman or sophomore to determine career interests and skills.

Course Description: Students will be introduced and exposed to hands-on activities that explicitly promote skills, character attributes, and experiences associated with needed 21st century careers in Shelby County. This course focuses on building employability skills such as leadership, communication, teamwork, and financial responsibility. Students will also learn a variety of "life hacks", including changing a tire, tying a tie, sewing a button, basic cooking, engine components, and basic tool recognition and operation. Lessons will be taught in a hands-on manner, while incorporating field trips that enhance concepts taught. In a state-of-the-art classroom, students will learn and develop skills that may be transferred to academics, extracurricular activities, and community service, as well as employment.

WORKFORCE SKILLS ACADEMY

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Sophomore and taken Career Exploration / Adventures in Work & Life

Course Description: The Workforce Skills class will give students a unique learning experience complete with a state-of-the-art classroom equipped with current technologies. Students will examine elements of business, identify organizational structures, and apply management skills while developing business plans, financial reports, and strategic goals for a new venture, operating a Workforce Store. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan, product approaches, and promotion and pricing strategies for the Store. Students will be responsible for the daily operations of the Store, including performing inventory, making change and counting money, staffing the Store, and interacting with customers.

WORKFORCE TECH LAB I

Length of Class: 2 semesters

Credit(s): 1

College Credit: Possible through Rhodes State (see instructor and counselor)

Prerequisite: Workforce Career Exploration, Adventures in Work & Life, or Workforce Skills.

Meet CCP requirements for enrollment in course.

Course Description: Students will experience a new, challenging educational experience. Students will become prepared for employment/college by learning advanced skills needed to be successful in college or in the workplace. Accelerated topics covered could include blueprint reading, safety, quality assurance, communication, teamwork, public speaking, facilitating a meeting, and other manufacturing processes. Students will have the opportunity to job shadow at a variety of Shelby County businesses. (Also open to juniors and seniors who have taken Marketing I, II and/or CIS I, II).

WORKFORCE TECH LAB II

Length of Course: 2 semesters, 2 periods per day

Credit(s): 2

Prerequisite: Workforce Tech Lab I, grades 11 and 12

Course Description: A continuation of Workforce Tech Lab I. Students will be released from school for the field experience. This is a blocked class which occurs at the end of the school day.

WORK STUDY

Length of class: 1 semester or 2

Credit: Variable credit

Prerequisite: None

Course Description: The Work Study Program is a related service afforded to student in grades 9-12. Students must have regular attendance to be eligible for Work Study credit. This program promotes the development and practice of employability skills necessary for acquisition and maintenance of future competitive employment. Students may achieve elective credit in proportion to the number of hours worked within the scheduled school year. Employment must always be outside of the immediate family and comply with Ohio's Division of Industrial Relations Minor Labor Laws. The Work Study Coordinator must approve all employment with parental consent for students under the age of eighteen. All parties (student, parent, Work Study Coordinator, employer) involved in the Work Study experience will agree to compliance of the Work Study Agreement with their signature. The grade and the credit given to the student at the completion of the school year will be based on periodic evaluations. Student must remain in good standing or receive a positive termination upon completion of the work experience to receive a passing grade and credit. Giving an unacceptable notice of quitting the job or being fired by the employer is a negative termination resulting in a failing grade and no credit being earned.

AGRICULTURE EDUCATION

Agricultural Education courses make a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success. Agricultural education instruction is delivered through three major components: 1) classroom/laboratory instruction (contextual learning) 2) supervised agricultural experience programs (work-based learning) and 3) student leadership organizations (National FFA Organization). All students who are enrolled in an Agricultural and Environmental Systems course must be a dues paying member of the Sidney FFA.

AGRICULTURE, FOOD AND NATURAL RESOURCES (AFNR)

Length of Class: 2 Semesters

Credit: 1.0

Prerequisite: None

Course Description: This is the first course in the Agricultural and Environmental Systems career field. It introduces students to the pathways that are offered in the Agricultural and Environmental Systems career field. As such, learners will obtain fundamental knowledge and skills in food science, natural resource management, animal science and management, plant and horticultural science, power technology and biotechnology. Students will be introduced to the FFA organization and begin development of their leadership ability. For 2017-2018 and beyond, this course will NOT meet the requirements for a science credit.

SCIENCE AND TECHNOLOGY OF FOOD

Length of Class: 2 Semesters

Credit: 1.0

Prerequisite: Agriculture, Food and Natural Resources

Course Description: This first course in the pathway examines the research, marketing, processing and packaging techniques applied to the development of food products through inquiry based learning. Learners will examine principles of food preservation techniques and determine correlations to food sensory, shelf life and food stability. Laboratory experiences will examine and develop food safety, sanitation, and quality assurance protocol. Government regulations and food legislation will be examined and the implications to food science and technology will be identified. This course can be used as a science credit.

ANIMAL AND PLANT SCIENCE

Length of Class: 2 Semesters

Credit: 1.0

Prerequisite: Agriculture, Food and Natural Resources

Course Description: Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace through inquiry based learning. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Through laboratory experiences students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined. This course can be used as a science credit.

BUSINESS MANAGEMENT FOR AGRICULTURAL AND ENVIRONMENTAL SYSTEMS

Length of Class: 2 Semesters

Credit: 1.0

Prerequisite: AFNR and either Science and Technology of Food or Animal and Plant Science

Course Description: Learners will examine elements of business, identify organizational structures and identify and apply management skills. Learners will develop business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Learners will practice customer sales techniques and apply concepts of ethics and professionalism while understanding related business regulations. This course does not meet the requirements for a science credit.

AGRICULTURAL AND ENVIRONMENTAL SYSTEMS CAPSTONE

Length of Class: 2 Semesters

Credit: 1.0

Prerequisite: AFNR and either Science and Technology of Food or Animal and Plant Science and Business Management for Agricultural and Environmental Systems

Course Description: Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, and internships. This course does not meet the requirements for a science credit.

PERFORMING ARTS

Six (6) elective units are required for graduation. Three electives must include at least 1 credit or 2 half-credits in Business/Technology, Fine Arts, or Foreign Language. The music Department offers a variety of vocal and instrumental ensembles which provide students a wide range of musical experiences: band, orchestra, jazz band, women's choir and mixed chorus. The Music Department gives all students the opportunity to familiarize themselves with music through studying about it, listening to it, and participating in its performance.

CONCERT CHOIR

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: None

Course Description: Concert Choir offers a variety of learning experiences for choral musicians of beginner levels. This ensemble studies a variety of musical styles while incorporating music theory, music history, and vocal techniques. Students will learn solfege and the basics of sight-reading. The Concert Choir performs at all major concerts. All freshmen will automatically be placed in Concert Choir.

SYMPHONIC CHOIR

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Audition

Course Description: Symphonic Choir is an auditioned, advanced ensemble for students with an established foundation in vocal music and sight-reading skills for students who are sophomores through seniors. The choir performs a variety of choral genres. The Symphonic Choir performs at all major concerts and a variety of school- wide performances, in addition to OMEA Contests. Students are strongly encouraged to participate in extra-curricular activities such as the Musical, OMEA Solo and Ensemble, and taking private voice lessons.

TREBLE'S GLEE

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Audition, must be at least a sophomore

Course Description: The Treble's Glee consists of an all-treble voiced group of vocalists and offers a unique experience to higher singers. All students who are sophomores and older are welcome to audition. This ensemble will refine and extend the beauty of the treble voice. The Treble's Glee ensemble performs at all major concerts and OMEA Contest.

MARCHING & SYMPHONIC BAND

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Previous Participation in the Band Program and/or Audition

Course Description: The Sidney High School Band exists as the Marching Band and the Symphonic Bands. During the fall, the focus is on Marching Band literature, marching execution and provides many performing opportunities. **Attendance to Summer Rehearsals and Band Camp is mandatory.** After the 1st Nine Weeks, the curriculum transitions towards Concert Band Literature. The focus is to continue to develop individual and ensemble musicianship through a variety of band warm-ups, chorales and literature. Sight-Reading, Theory and History of Music is also incorporated throughout the course. The Bands perform at all major concerts and a variety of school- wide performances, in addition to OMEA Contests. Students are strongly encouraged to participate in extracurricular activities such as the Musical, OMEA Solo and Ensemble, and taking private lessons.

JAZZ BAND

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Audition

Course Description: Jazz Band is designed to introduce the instrumental music student to a variety of Jazz literature, styles and techniques. Students will receive direction in Theory, Jazz Improvisation, solving interpretation problems and will be given the opportunity to experiment in the area of Improvisation. The importance of sustained effort and practice is stressed for technical proficiency. Several concert performances are scheduled throughout the year.

ORCHESTRA

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Previous Participation in the Orchestra Program and/or Audition

Course Description: This course is open to students who had a reasonable string background, including participation in Middle School Orchestra or comparable experience in another school or private study. The Director reserves the right to make the final judgement regarding an individual's background or ability to participate successfully in Orchestra. The Orchestra performs at all major concerts and a variety of school- wide performances, in addition to OMEA Contests. Students are strongly encouraged to participate in extracurricular activities such as the Musical, OMEA Solo and Ensemble, and taking private lessons.

MUSIC THEORY

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: It is preferred that students can already read music and have been a member of one of our music ensembles before taking this course, but it is not required.

Course Description: In this year-long course, High School students will learn how to read, write, analyze, and perform music in preparation for music theory courses after high school. Music theory is a class designed for the advanced musician to more thoroughly understand the components of music and music composition. This class will enable the student to successfully complete basic college theory classes. Students will also be able to compose music and understand the guidelines used in music composed by others.

MUSIC APPRECIATION

Length of Class: 2 semesters

Credit(s): 1

Prerequisite: Music Appreciation is a course open to grades 10-12 that is designed to introduce a history of music and its influence on different cultures to high school students. A study of the materials of music, including basic elements, mediums, styles, and form is presented as an aid to understanding and enjoying music. We will listen to and analyze recordings of a wide repertoire of music. The topics studied will include basic music terms, musical time periods, musicals, origins of today's pop music, and discussing the aesthetic values of music.

VISUAL ARTS

Art is a mode of inquiry and expression that helps people communicate ideas that cannot be captured in words alone. Students will develop their abilities to interpret and communicate visually, thereby, developing their competencies in perceiving, problem solving and technical proficiency. Creativity and the holistic development of the individual are emphasized in all art courses. It is our mission that students will develop an appreciation for art through hands on experiences and an awareness of career opportunities available in the visual arts.

ART FOUNDATIONS

Length of Class: 1 Semester

Credit: .5

Prerequisite: None

Course Description: This course is an introduction to various art processes and media in two-dimensional and three-dimensional art. An emphasis is placed on composition, which involves the use of formal art elements and principles. Related coursework in art history, criticism, and aesthetics will be provided. **This course is a prerequisite for all other art courses.**

DRAWING I

Length of Class: 1 semester

Credit: .5

Prerequisite: Art Foundations

Course Description: Drawing I will introduce the fundamentals of drawing. Students will strengthen observation skills through a variety of exercises and assignments. Assignments may explore the figure, portraiture, landscape, still life, architecture, and fantasy drawing. Students will also experiment with a wide range of media such as graphite, ink, charcoal, collage, colored pencils, and pastels. Related coursework in art history, criticism, and aesthetics will be provided.

DRAWING II

Length of Class: 1 semester

Credit: .5

Prerequisite: Art Foundations and Drawing I

Course Description: Drawing II will extend experiences and skills gained in Drawing I. Emphasis will be place on personal expression. Students will concentrate on refining technical skills in a wide range of dry media. This course is strongly encouraged for any student who is considering a career in the field of art or design. Student will explore a variety of visual art careers based on personal interests. Related coursework in art history, criticism, and aesthetics will be provided.

PAINTING I

Length of Class: 1 Semester

Credit: .5

Prerequisite: Art Foundations

Course Description: Painting I will introduce the study of color and painting using watercolor and acrylic paint. Students will explore paint through a variety of experiments and techniques. Assignments may explore the following subjects: still life, figure, portraiture, landscape, collage, abstract, and nonobjective art. Related coursework in art history, criticism, and aesthetics will be provided.

PAINTING II

Length of Class: 1 Semester

Credit: .5

Prerequisite: Art Foundations and Painting I

Course Description: Painting II will extend experiences and skills gained in Painting I. Emphasis will be placed on personal expression through watercolor and acrylic media. Advanced color theory and techniques will be explored. Painting II is strongly encouraged for any student who is considering a career in the field of art or design. Student will explore a variety of visual art careers based on personal interests. Related coursework in art history, criticism, and aesthetics will be provided.

ADVANCED 2D DESIGN I, II, and III (Drawing or Painting)

Length of Class: 1 Semester

Credit: .5

Prerequisite: Art Foundations and Painting I-II or Drawing I-II

Course Description: This course is strongly encouraged for any student wishing to develop a portfolio for entrance to art or design school. It is also recommended for students who plan to engage in drawing or painting as a lifelong hobby. Students will be expected to work collaboratively with their teacher to set a personalized curriculum that will encourage their creative expression as well as their technical potential. Students must prove to have a highly independent work ethic and a strong desire for creative problem solving in order to be recommended for this course.

3D DESIGN I (Ceramics)

Length of Class: 1 Semester

Credit: .5

Prerequisite: Art Foundations

Course Description: This is an introductory course in which students will be exposed to a variety of basic ceramics building approaches, techniques and tools. They will learn how to use the tools and techniques unique to ceramics. Glazing techniques will also be introduced and practiced. We will explore the history of ceramic art as it pertains to the selected projects. This course is a prerequisite to Sculpture.

3D DESIGN II (Sculpture)

Length of Class: One Semester

Credit: .5

Prerequisite: Students must complete Ceramics

Course Description: This class explores the various materials and techniques used to create sculptures, which include papier mache, cardboard, wood, plaster, wire and stone. Students learn how to manipulate these materials and use sculpting tools safely. They analyze other works of sculpture through reading, discussion and critique and examine geometric, abstract and organic forms. 3D Design II is strongly encouraged for any student who is considering a career in the field of art or design. Student will explore a variety of visual art careers based on personal interests.

ADVANCED 3D DESIGN III, IV, V (Sculpture or Ceramics)

Length of Class: 1 Semester

Credit: .5

Prerequisite: Art Foundation and 3D Design I-II (Teacher Recommendation)

Course Description: This class is an upper level course designed for the student who wishes to further develop sculpture/ceramic skills and techniques that were introduced in previous 3D courses. This is a desirable course for any student wishing to develop a portfolio for college. Students will be expected to work collaboratively with their teacher to set a personalized curriculum that will encourage their creative expression as well as their technical potential. Students must prove to have a highly independent work ethic and a strong desire for creative problem solving in order to be recommended for this course.

Do what you love with a career in art and design.

Visual literacy constitutes the new thinking and learning skills of a digital age and a creative economy. These are the types of cognitive skills young people will need to find their place in a globally competitive workforce. The U.S. Bureau of Economic Analysis reports that the arts and culture sector is a \$699 billion industry. Here is a list of creative careers that might be right for you.

Advertising art director

Animator

Architect

Architectural technician

Architectural technologist

Art editor/critic

Art gallery/museum curator

Art teacher/therapist

Arts & culture administrator/planner

Blacksmith

CAD technician

Ceramics designer-maker

Comic artist

Community arts worker

Conservator

Costume designer

Design and development engineer

Exhibition designer

Fashion design assistant

Fashion designer

Film/Video

Fine artist

Florist

Footwear designer

Furniture maker

Glassmaker

Graphic designer

Industrial designer

Illustrator

Interior designer

Jewellery designer

Landscape/urban architect

Leather craftworker

Make-up artist

Medical illustrator
Mural artist
Museum curator
Photographer
Printing administrator
Product designer
Prop maker
Set/prop designer

Public sculptor
Tattooist
Textile designer
Textiles production manager
Visual merchandiser
Web designer

BUSINESS AND TECHNOLOGY

Today's society is rapidly becoming more and more information oriented. To be a successful member of a technological, computerized society students will need to know how to process and store both informational data and financial information in accepted, standardized ways. The business and technology courses offered by Sidney High School afford our students an introduction to the business social sciences, help prepare them for a job, enrich college bound students, and insure success in both their future careers and personal lives.

TV PRODUCTIONS

Length of Class: 2 semesters

Credit: 1

Prerequisite: Approval From Instructor

Course Description: This course focuses on creating original content for digital publication. It introduces students to the technology of digital video production and the process of constructing and publishing news articles for the local paper. The class focuses on learning how to identify and write basic news articles, fundamentals of video production, including the techniques and the aesthetics of shooting, lighting, and editing. Students will complete writing and production exercises in dramatic, informational, documentary and public service announcements. Some previous technology skills are required. The class emphasizes hands-on production experience. The students will learn about the major functions of news articles, including basic news writing, layout and design, and editing. The students taking this course should be above average writers with at least average computer skills.

INFORMATION TECHNOLOGY

Length of class: 2 semesters

Credit: 1

Prerequisite: None

Course Description: This first course in the IT career field is designed to provide students with a working knowledge of computer concepts and essential skills necessary for work and communication in today's society. Students will learn safety, security, and ethical issues in computing and social networking. Students will also learn about input/output systems, computer hardware and operating systems, and office applications.

WEB DESIGN

Length of class: 2 semesters

Credit: 1

Prerequisite: Information Technology or Approval From Instructor

Course Description: Students will learn the dynamics of the Web environment while pursuing an in-depth study of both Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS). Web based protocols such as FTP, TCP/IP, and HTTP will be addressed. Students will create a website with tag text elements, special characters, lines, graphics, hypertext links, and graphical tables.

PROGRAMMING

Length of Class: 2 Semesters

Credit: 1 credits

Prerequisites: Information Technology or Approval From Instructor

Course Description: In this course, students will learn the basics of building simple interactive applications. Students will learn the basic units of logic: sequence, selection, and loop. Students will apply algorithmic solutions to problem-domain scenarios. Students will gain experience in using commercial and open source languages, programs, and applications.

OBJECT ORIENTED PROGRAMMING

Length of Class: 2 Semesters

Credit: 1 credits

Prerequisites: Programming

Course Description: Students will learn to represent programming concepts as "objects" that have data fields and associated procedures known as methods. Students will implement classes such as support static, instance method, inheritance, polymorphism, exception handling, and object serialization. A variety of commercial and open source programs and applications will be used.

VISUAL PROGRAMMING

Length of Class: 2 Semesters

Credit: 1 credits

Prerequisites: Programming

Course Description: Students will create event-driven programs using object oriented programming techniques for use in web based and standalone applications. Students will map out, design, and test computer applications, web applications, and mobile applications. Both commercial and open source programs and applications will be used.

MARKETING PRINCIPLES

Length of Class: 2 semesters

Credit: 1

Prerequisite: None

Course Description: This is the first course in the offerings at Sidney High School and should be paired with Marketing Applications to ensure success and maximize learning. It introduces students to the specializations offered in Marketing. Students will obtain fundamental

knowledge and skills in marketing communications, marketing management, marketing planning, business ethics, economic measurements and systems, employability skills, branding, pricing, and selling. They will acquire knowledge of marketing strategies, market identification techniques, and globalization. The use of technology, leadership skills, and presentation and communication skills will be incorporated in classroom activities. Membership in DECA is a requirement and preparation for contests will be an additional classroom activity. *Freshmen may take this course but should have at least a 2.5 GPA and be mature enough to handle the DECA and Marketing course work.

MARKETING APPLICATIONS

Length of Class: 2 semesters

Credit: 1

Prerequisite: None

Course Description: This is the second course in the Marketing program. This course should be paired with Marketing Principles to ensure success and maximize learning.

Students will develop and implement marketing strategies and techniques across marketing functions, channel management, marketing research, product-service management, risk management, and business funding. They will use marketing operations procedures and activities to ensure marketing's efficiency and effectiveness. Students will generate, screen, and develop new product ideas. They will predict economic trends and conditions and determine how cultural intelligence can impact organizations. Technology, employability skills, and leadership and communication skills will be incorporated into classroom activities. Membership in DECA is a requirement and preparation for contests will be an additional classroom activity.

*Freshmen may take this course but should have at least a 2.5 GPA and be mature enough to handle the DECA and Marketing course work.

DIGITAL MARKETING MANAGEMENT

Length of Class: 2 semesters

Credit: 1

Prerequisite: Marketing Principles or Marketing Applications. Special circumstances may be granted by the Instructor to take separately.

Course Description: This course is about social media. We discuss all the different social media platforms, target markets for each, how best to utilize them for products, selling, and more. This course uses an online text and simulation called STUKENT. This course is open to students 10th grade and on who have completed Marketing Principles or Applications as a pre-requisite. All students who take Marketing are automatically enrolled in DECA.

INTEGRATED MARKETING COMMUNICATIONS (CCP- Edison State Community College)

Length of Class: 2 semesters

Credit: 1

College Credit: 3 hours

Prerequisite: Marketing Principles and Marketing Applications. Special circumstances may be granted by the Instructor to take separately. Must meet CCP requirements for enrollment.

Course Description: This is the final course in the series of 4. It is offered as a CCP course but does not have to be taken as such. This course deals with the development of a Promotional Plan from start to finish. Student must complete a portfolio of their plan and give a presentation as the final for this course. Students must complete at least two of the 3 previous courses in order to be enrolled in this course. It is open to only Juniors and Seniors because they must complete prior courses. All students who take Marketing are automatically enrolled in DECA.

FAMILY AND CONSUMER SCIENCES

All students can benefit from Family and Consumer Sciences courses. The classes are designed to meet the needs of all different types of learners. Students will learn skills for managing individual and family needs, problem solving, setting goals, and being a leader. Students will experience a variety of teaching techniques: small group activities, presentations, hands-on projects, classroom discussions, labs, field trips, and community involvement. Through integrated classroom activities students will be given the opportunity to participate in Family, Career, and Community Leaders of America (FCCLA), a youth leadership organization.

CHILD DEVELOPMENT

Length of Class: 1 semester

Credit(s): .5

Prerequisite: None

Course Description: In this course, students will study the principles of child growth, development and behavior. An emphasis will be place on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, immunizations, theories of development, learning styles and evaluating childcare services.

CULINARY FUNDAMENTALS

Length of Class: 1 semester

Credit(s): .5

Prerequisite: None

Course Description: In this course, students will apply fundamental culinary techniques, such as knife handling skills and the recognition, selection and proper use of tools and equipment. An emphasis will be placed on mise en place, the management of time, ingredients and equipment. Students will apply standard recipe conversions using proper scaling and measurement techniques

NUTRITION AND WELLNESS

Length of Class: 1 semester

Credit(s): .5

Prerequisite: None

Course Description: In this course, students will use principles of nutrition to ensure a healthy body throughout the lifecycle. An emphasis will be placed on planning and preparing meals with an understanding of nutrients and their benefits, portion control and dietary needs. Additional information will include steroid and supplemental use, body weight and management and the implementation of physical activity to maintain a healthy lifestyle.

**This class also meets the requirements for the required HEALTH CREDIT needed for graduation.*

PERSONAL FINANCIAL MANAGEMENT

Length of Class: 1 semester

Credit(s): .5

Prerequisite: None

Course Description: In this course, students will develop personal financial plans for individual personal well-being. Throughout the course, students will develop financial literacy skills to provide a basis for responsible citizenship and career success. Additional topics will include analyzing services from financial institutions, consumer protection, investing and risk management.

LEADERSHIP/COMMUNITY ENGAGEMENT

Length of Class: 1 semester

Credit(s): .5

Prerequisite: None

Offered to grades 9-12

In this course, students will learn how to become an active community member and citizen. An emphasis will be placed on in-service learning, leadership training and teambuilding opportunities. Additional topics will include public policy issues, community and global engagement.

GRADS I (Graduation, Reality, and Dual-Role Skills)

Length of Class: 2 semesters, Year Long Class Meeting Twice a Week

Credit(s): .5

Prerequisite: Open to Expectant or Parenting Students (Male or Female)

Course Description: This class is for those students who are pregnant or will soon be parents (male and female). GRADS students learn how to care for themselves so that they can deliver a healthy baby. Maternal and fetal development, costs of pregnancy and parenthood, labor and delivery, postnatal care in addition to how to develop a positive self are explored. Students, with GRADS teacher's assistance, may select many of the topics they wish to study, taking their individual situations into consideration. Seminars with students from other area GRADS programs are also available for students to attend. This class meets twice a week.

GRADS II (Graduation, Reality, and Dual-Role Skills)

Length of Class: 2 semesters, Year Long Class Meeting Twice a Week

Credit(s): .5

Prerequisite: Open to Parenting Students. GRADS I is Preferred

Course Description: GRADS II is a class for students who are parents (male and female). Rights and responsibilities along with adjustments to parenting, child development, childcare and family relationships are explored. A goal of the class is for students to develop economic independence skills so they can make it on their own after high school. Students, with their GRADS teacher's assistance, may select many of the topics they wish to study, taking their individual situations into consideration. Seminars with students from other area GRADS program are also available for students to attend.

