



OTTO-ELDRED REGISTRATION BULLETIN

Grades 9 – 12

2017-2018 Academic Year

EQUAL RIGHTS AND OPPORTUNITIES POLICY

The Otto-Eldred School District declares itself to be an Equal Rights and Opportunities District. It does not discriminate against individuals or groups because of race, color, national origin, ethnicity, religion, age, sex, marital status, veteran status, or handicap or disability status. The District's commitment to nondiscrimination extends to students, employees, prospective employees, and the community.

This statement is in compliance with federal laws (including Title IX of Education Amendments of 1972, section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990, the Individuals with Disabilities Education Act), state laws, and State Department of Education regulations concerning equal rights and opportunities. To assure compliance within our community, the Compliance Officer is the High School Principal; phone number (814) 817-1381.

SPECIAL PROGRAMS

Otto-Eldred Junior Senior High School has special education services available for students with identified exceptionalities. Information on these programs may be obtained in the Guidance Office.

INTRODUCTION

All students must be proficient in the State standards. To ensure that our students are competent in all State standards, Otto-Eldred Jr. Sr. High School requires that each graduate successfully completes **24** credits from grades 9-12 in standards-aligned courses. **To earn an Otto-Eldred High School diploma, students must score proficient on the Biology, Algebra, and Literature Keystone Exams(K). Students that are not able to successfully pass each Keystone Exam will be required to successfully complete supplemental instruction prior to graduation. Requirements will be in accordance with the most current PDE regulations. In addition, a graduation project must be completed for a student to be eligible for graduation. Components of the graduation project are completed in a student's junior and senior year.**

This registration bulletin has been carefully designed to help you plan for the selection of those course offerings that will be most beneficial in preparing for a successful and productive life. This should be done in consultation with your parents, teachers, school counselor, and administration.

We consider this a most important task. The school counselor, faculty, and administration are ready to help you in this effort. Contact them if you have any questions concerning your schedule.

The program of studies you select for concentration in the senior high school (grades 9, 10, 11 and 12) should be the one which provides you with the most personal satisfaction and which helps you prepare for life's work. If you are interested in furthering your education after high school, it may be necessary for you to choose your courses from the **Academic** program to include foreign languages, mathematics and sciences. You may wish to choose the **Practical Arts** program with a concentration in *Industrial Arts*, or apply for one of nine **Career/Technical** programs.

*If you are selected to major in one of the **CAREER and TECHNICAL** programs, you must stay in the program for the duration of the school year.* **Some programs require purchasing of proper outfits, footwear and/or materials as well as additional paperwork in order to be eligible to start the program. Before requesting a specific program, be sure you are aware of the requirements necessary to enter the program.**

GRADE LEVEL CLASSIFICATIONS

The placement of a student in a particular grade level and homeroom is based on credits earned in grades 9-11 and the recommendation of the high school principal. In general, students should earn a minimum of six credits per year to maintain his or her class standing.

SCHEDULE CHANGES

Because of the negative effect that numerous changes have on class balance and other schedule factors, alterations to the student's schedule will be considered only for urgent reasons. Required courses may not be dropped at all. Any course change must be done in the summer. You may add or drop a course with the approval of the course teacher, school counselor, and high school principal.

SCHEDULING YOUR PROGRAM

On the following pages, you will find the required courses and the suggested levels for each program in the curricula. Also included in this booklet are course descriptions, prerequisites, and grade levels in which courses are offered.

We advise all students to schedule electives at the grade level where they are initially offered to avoid conflicts in scheduling wherever possible. You will also be asked to select an alternative or two for elective choices in the event you cannot be given your first choice.

All courses carried as requirements in a given curriculum automatically become electives in all other curriculum areas, except where listed otherwise. Students are expected to choose a complete, nine period schedule. As a general rule you may not schedule more than six (6) periods of study hall per cycle.

World languages, art courses, and music courses are electives in all programs.

S.T.E.M. indicates science, technology, and math courses.

Dual Enrollment (DE) courses count toward graduation requirements and also can transfer to colleges as credits earned. Students must meet the requirements to be eligible for these courses. These requirements include: junior or senior status, proficiency on the Keystone Exams, proficiency on a related placement exam, a minimum SAT or PSAT score, and/or faculty and administration approval.

You will be asked to complete a four-year plan for the particular curricular area you choose. This plan then will be followed as you move from grade 9 through 12. It is possible that you will need to alter your plan as you register for courses each year; but—particularly with the state curriculum requirements—it is important that you develop a program of studies to direct you toward your goals in life. The faculty, school counselor, and administrative staff are ready to help you make your choices. Your parents also need to be involved as you make these important decisions. There are options available to help you achieve your scheduling goals. More information regarding these options is available in the Guidance Office.

OTTO-ELDRED JR SR HIGH SCHOOL GRADUATION REQUIREMENTS

Updated January 2013

Below is a listing of graduation requirements approved by the Otto-Eldred School Board of Directors. These course and credit requirements meet the expectations set in Chapter 4 of the PA School Code. In order to graduate from Otto-Eldred Junior Senior High School, a student must complete the following minimum credits of approved study:

ENGLISH	4.00
HISTORY	4.00*
S.T.E.M.	8.00*^
PHYSICAL EDUCATION	1.83+
HEALTH EDUCATION	.5
ELECTIVES	<u>5.67</u>
MINIMUM GRADUATION CREDITS	24.00

All students must complete the school board approved graduation project. All students must score proficient on available Keystone Exams or meet the requirement through supplementary coursework.

Credit for Career & Technical Center (CTC) program is 3 CREDITS PER YEAR.

*Because of period limitations, the number of Math, Science, and History credits required of CTC and co-op students is one less than listed. For every year in a CTC program, the FOUR core credit requirement is dropped to THREE.

+Physical Education is required each year.

^Students MUST take at least 2 credits of science and 2 credits of math including Biology, Algebra I, and Geometry. The remaining 4 S.T.E.M. credits can come from courses in math, science, or technology.

GRADUATION REQUIREMENTS

The following are the minimum course requirements in grades 9 through 12 for each curricular area.

MINIMUM GRADUATION REQUIREMENTS: The minimum requirements to receive an Otto-Eldred High School diploma are outlined in the previous section. To be eligible for a mantle in the academic curriculum, practical arts curriculum, or CTC curriculum see the requirements listed below.

ACADEMIC CURRICULUM: four credits of English, four credits of history, four years of physical education, health, at least a two credit sequence of a foreign language, eight credits of S.T.E.M., including Advanced Math and Chemistry, and at least two of the following: Calculus, Biology II, Physics, College English Composition, College Literature, College History, Psychology, and Chemistry II.

PRACTICAL ARTS CURRICULUM: four credits of English, four years of physical education, four credits of history, eight credits of S.T.E.M., health, Drafting & Design I, Drafting & Design II, Drafting & Design III, Wood I, Wood II, and Metal Shop.

CTC CURRICULUM: four credits of English, four years of physical education, three credits of history, six credits of S.T.E.M., health, and the complete CTC program of at least two years.

2017-2018 OFFERED COURSES

ART

TWO DIMENSIONAL ART (101) 0.5 credit— Learn the basics of drawing, painting, and printmaking. During the course you will synthesize design principles to create portraits, landscapes, still lifes, and abstract artwork. Technology will be used to develop a digital portfolio.

THREE DIMENSIONAL ART (102) 0.5 credit— In this course we will explore sculpture both additive and subtractive. Emphasis will be placed on knowledge of artists and their techniques. Technology will be used to create a digital portfolio.

DIGITAL ART (103) 0.5 S.T.E.M. credit— Using 21th Century tools and concepts studied in the American Film Institute curriculum you will gain knowledge that can be applied to many contemporary careers and course work.

CERAMICS (104) 0.5 credit— First you will learn basic hand building techniques in earth clay. Then using these techniques you will apply knowledge to create advanced wheel-thrown and sculptural ceramic projects. The history of cross cultural design will be explored through clay. Technology will be used to create a digital portfolio.

COMPUTER EDUCATION

COMPUTER APPLICATIONS (120) 0.33 S.T.E.M. credit—9th grade: Typing proficiency; basic Microsoft Office skills. This course will cover intermediate to advanced instruction and use of the following software applications: word processing (MS Word), spreadsheet (MS Excel), desktop publishing (MS Publisher), and multimedia presentation (MS PowerPoint). Students will learn basic use of peripherals such as a digital camera as well as basic photo editing. Other software or digital resources will be used in addition to Microsoft products.

21st CENTURY SKILLS (121) 1 S.T.E.M. credit—Prerequisites: Typing proficiency; Basic word processing/document formatting skills. Ability to work independently as well as collaboratively with others. The course objectives are the skills being demanded in all areas of employment: Critical Thinking, Problem Solving, Collaboration, Communication, Creativity and Innovation. This class will explore, learn, test and apply various 21st Century digital tools to adapt and apply them to course objectives. Web 2.0 tools will be used with a concentrated focus on using digital cameras, video cameras and audio/video editing techniques. A class website will be developed and maintained to showcase student work.

Entrepreneurship (802) 1 credit – This course will prepare students to carry out the entrepreneurial process and due to the strong emphasis on business concepts, will

essentially prepare all students for the workforce. Students will be introduced to concepts that will help them grow and meet the demands of the ever-changing marketplace. Throughout this course, students will focus on business concepts including, but not limited to: Economics, Marketing, Accounting, and Finance.

ENGLISH

LANGUAGE ARTS 9 (209) 1 credit—Students are offered the opportunity to explore real world connections through reading, writing, speaking, and listening. The literature component allows students to vicariously visit different areas of culture and learn about ways of life. Along with the readings, honing the written skills necessary to be successful and practicing the art of the spoken word are only a few of the expectations this class experiences that will prepare students for other high school courses and any post-secondary goals and adventures.

COMPOSITION (200) 1 credit—Composition, a course based on Pennsylvania’s Common Core State Standards for English/Language Arts provides students with frequent and continual opportunities to learn and apply essential skills in writing, using a process that includes: (1) prewriting, (2) drafting, (3) revising, (4) editing, and (5) producing a final, corrected product. Strategies should include evaluating and responding to the writing of others. Instruction in grammar, usage, and mechanics is integrated with writing instruction so that students develop a common language for discussion.

LITERATURE (201) (K) 1 credit—Literature, a course based on Pennsylvania’s Common Core State Standards for English/Language Arts, is a study of language, literature, composition, and oral communication with a focus on exploring characterization across universal themes and a wide variety of genres. Students read, analyze, evaluate, critique, and actively respond to a wide variety of literary genres, including quality works of various ethnic and cultural minorities.

LANGUAGE ARTS 11 (211) 1 credit—In ELA 11, students will be expected to learn to analyze, interpret, write, speak, and listen more effectively. The student will study vocabulary, usage, and grammar as needed. A survey of world literature is studied to emphasize point of view with its effect on time, subject, and theme. An understanding of irony and satire becomes necessary in the study of world literature, which includes such forms as the short story, the novel, the essay, the play, and the poem. The course will provide activities to enhance oral and written communication skills and to improve critical-thinking skills. Certain assignments will require the use of research skills and technology.

LANGUAGE ARTS 12 (Academic) (212) 1 credit—World Literature, Pennsylvania’s Common Core State Standards for English/Language Arts, is a study of language, literature, composition, and oral communication focusing on an exploration of point of view or perspective across of ancient and modern representative works by major authors. Students examine a wide variety of literary genres and themes. Students analyze how the ideas and concepts presented in the works are both interconnected and reflective of the cultures and historical periods of the countries represented by the authors. Students write fictional narratives, short stories, responses to literature,

reflective compositions, and historical investigation reports. Students write and deliver grade-appropriate multimedia presentations and access, analyze, and evaluate online information.

LANGUAGE ARTS 12 (Technical) (212) 1 credit—World Literature, an integrated English course based Pennsylvania’s Common Core State Standards for English/Language Arts, is a study of language, literature, composition, and oral communication. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance for World Literature in classic and contemporary literature balanced with nonfiction. They will also study and apply the processes and conventions needed for effective technical writing-communication. TECHNICAL WRITING PROJECT: Students complete a project, such as a multi-media advertising campaign for a generic product or idea or a multi-media proposal of an action plan to implement a project or service, which demonstrates knowledge, application, and writing progress in the Technical Communication course content.

ENGLISH COMPOSITION I (DE202) 1.06 credits— This course focuses on the writing process and on the kinds of writing common in the academic disciplines. Academic students interested in taking College English need to meet course requirements prior to course registration. A combination of PSSA results and faculty recommendation will be taken into consideration for students’ entry. This course compares favorably as a college freshman English. DUAL-ENROLLEMENT COURSE. 3 CREDITS UNIVERSITY OF PITTSBURGH @ BRADFORD.

LITERATURE AND INTERPRETATION (DE203) 1.06 credits—This course is an examination of the ways in which both literary and nonliterary texts create meaning and an introduction to some of the methods of literary interpretation. Beginning with literary concepts such as genre, narrative, character, and figurative language, this course considers the interaction among the reader, the writer, and the text itself, and between different texts. DUAL-ENROLLEMENT COURSE. 3 CREDITS UNIVERSITY OF PITTSBURGH @ BRADFORD.

YEARBOOK I (204), II (205), and III (206) 1 credit—*The Ottocrat* is completed entirely online. Students learn to design, write, and photograph pages for the yearbook.

THEATER ARTS I (105), II (106), and III (107) 1 credit — This course for students in grades 10, 11, and 12 is a performance class that covers theatre from pantomime to improvisation and acting to production. Students will have the opportunity to develop characters, design sets and costumes as well as possibly putting on a stage play for an audience. This course requires students to work both individually and in groups to learn different acting techniques.

SHORT STORIES (217) .5 credit— Short Stories, a course based on Pennsylvania’s Common Core State Standards for English/Language Arts, is a study of the distinct features of the short story. The course may be organized by historical periods, themes,

or authors. Students examine short stories with themes by a variety of authors from the perspective of audience, purpose, and historical development. Students analyze what distinguishes the short story genre from other literary genres, such as the novel, epic, romance, biography, and others.

CREATIVE WRITING (218) .5 credit—Creative writing is designed to aid students in their creative expression, as well as delivery of one’s writing. Students will read and discuss articles on the craft of writing. Students will focus on fiction and poetry by reading and evaluating the effectiveness of the varying styles. Students will write and share a variety of their own works. Students will be expected to deliver their writing to an audience.

FOREIGN LANGUAGES

SPANISH 1 (213) 1 credit—Spanish 1 is an introduction to the Spanish language. Students learn the basic grammar and vocabulary, and are expected to develop the four language skills for speaking, listening, reading and writing at the beginning level and develop an appreciation of the Spanish culture. This is completed through Rosetta Stone.

SPANISH 2 (214) 1 credit—Prerequisite – Spanish 1. Spanish 2 continues the learning process of basic Spanish language with lessons to expand and improve students’ pronunciation and grammar, while they build more confidence for communication and comprehension. The students learn Spanish speaking culture in an everyday approach through interesting facts and readings. This is completed through Rosetta Stone.

SPANISH 3, 4 1.03 credits —Prerequisite: Spanish 2—These courses are available through a rigorous online platform.

HEALTH and PHYSICAL EDUCATION

HEALTH Multi-Grade (602) .5 credit—This course is offered to students in grades 10 and 11. It is traditionally offered on days opposite PE.

PHYSICAL EDUCATION (609-12/Multi 613) (Grades 9–12) .33-.50 credit each year—All students are required to take two to three periods a cycle of physical education and receive a passing grade for all four years of senior high school.

HISTORY AND RELATED SUBJECTS

U.S. HISTORY (309) (Grade 9) 1 credit—All ninth grade students must take the second part of United States History. This course is a continuation of eighth grade history, and will emphasize the important causes and results of major events in U.S. History from the beginning of the Civil War through the culmination of WWI and the Great Depression. The contributions of individuals who help to shape the history of the United States during this period will also be discussed.

WORLD HISTORY (310) (Grade 10) 1 credit—All tenth grade students will be required to complete a full year's course in world history. The course will focus primarily on a study of world cultures from ancient civilizations to the beginning of the 20th century and will emphasize the study of individuals and events, which have had a significant impact on the United States and the western world. Students @ CTC will be exempt.

AMERICAN GOVERNMENT and ECONOMICS (311/DE302) (Grade 11) 1.03 credit—This course is designed to acquaint the student with the U.S. Constitution and the functions of American government. Current issues will also be analyzed and discussed in this course. In addition, the course will acquaint students with basic economic concepts and issues such as Scarcity, Opportunity Costs, Trade-offs, Business Cycle, GDP, Supply and Demand, Budgeting nationally and personally, as well as content emphasizes graphs and problem solving as well as the general workings of the U.S. economy. DUAL-ENROLLEMENT COURSE. 3 CREDITS UNIVERSITY OF PITTSBURGH@BRADFORD.

TWENTIETH CENTURY UNITED STATES AND WORLD HISTORY 1877 – PRESENT (312/DE303) (Grade 12) 1.03 credit—Seniors will be scheduled for this. The course will examine the major events in United States and World History from the end of World War I to the present. Included in this year-long course are an examination of the causes and results of the Great Depression, the rise of totalitarian dictatorships, World War II, the Cold War, and major United States domestic and foreign policy issues of the post World War II era. DUAL-ENROLLEMENT COURSE. 3 CREDITS UNIVERSITY OF PITTSBURGH@BRADFORD.

PSYCHOLOGY – (DE304) (Grades 11-12) 1.03 credit—Psychology is a senior high elective that introduces students to the world of research methods, systematic thinking, and the utilization of their own higher order thinking skills. Students will be exposed to a range of psychological issues giving them a background for an introductory course of college Psychology. The course will focus on popular psych topics, including the following themes: Neurobiology, Famous Psychiatrists and Psychologists, Learning, Development and Behavior, Personality Theory, and Abnormal Psychology. The debate of nature vs. nurture will be central to class discussions, as will modern perceptions of psychological illnesses and treatments. The course will be taught at a fast, college-prep pace, challenging students with oral reports, written arguments, tests, and quizzes. Time permitting; students will also be exposed to first-hand research and hypothesis development. Students should be prepared to expand their knowledge base

as well as their own prejudices and preconceived notions as they delve into this mature subject matter. DUAL-ENROLLEMENT COURSE. 3 CREDITS PENN HIGHLANDS COMMUNITY COLLEGE.

MATHEMATICS

ALGEBRA 1A (500) 1 S.T.E.M. credit—Basic algebra students will learn how to manipulate numbers and formulas mathematically. This course will develop skills to meet the general needs of mathematics in today's vocational fields. Much of algebra is generalized arithmetic. Students planning to take Basic Algebra as a freshman, should plan to take Algebra I as a sophomore. Students should have a hand-held scientific calculator, preferably with a fraction function.

ALGEBRA 1B(K) (501) 1 S.T.E.M. credit—Algebra 1 is a rigorous course that will provide the academic student with a basic foundation in mathematics. It is the study of the properties and relations of numbers and of symbols representing numbers. The greatest difference between Algebra 1 and arithmetic is that algebra makes more use of symbols to represent ideas and numbers. Students are required to have a hand-held scientific calculator. 8th grade students will be allowed in Algebra by recommendation of the math department, school counselor and principal.

GEOMETRY A (502) 1 S.T.E.M. credit—Prerequisite – Basic Algebra or Algebra 1. Basic Geometry is a course designed to complement courses in Industrial Arts and Family & Consumer Sciences. The course emphasizes everyday applications in geometry. Time is spent on measurement, percent, scaling, etc. Students should have a hand-held scientific calculator.

GEOMETRY B (503) 1 S.T.E.M. credit—Prerequisite – Algebra 1. This branch of mathematics deals with the relations, properties, and measurements of solids, planes, lines, points, and angles. This subject is useful and needed in any type of advanced mathematics. Those persons who study advanced math – engineers, electricians, craftsmen, nurses, etc. will benefit from the course content.

ALGEBRA 2 (504) 1 S.T.E.M. credit—Prerequisite—Algebra & Geometry (or concurrent w/ Geometry) I. This course is a continuation of Algebra 1. More emphasis is put on functions and function analysis. Algebra 2 is exceedingly important for people planning to attend college or pursue a military career, especially those preparing for a science, technical or business related career. It is expected that most students will complete Algebra II prior to graduation. Students who plan to take physics in their senior year must schedule Algebra 2 in their junior year. Students are required to have a scientific calculator, we recommend a Texas Instruments Model No. 30.

CONSUMER MATH (513) 1 S.T.E.M. credit—The emphasis in this course will be placed on mathematics skills to help in the business of living. It is not technical mathematics, but one of everyday uses for math. Topics will include personal income, taxes, banking, charts and tables, discounts, and practical math problems. Students are required to have a basic function hand-held calculator for this course.

ADVANCED MATH (DE505) 1.06 S.T.E.M. credits—Prerequisite -- Algebra 2 and Geometry. Trigonometry and advanced math integrate the disciplines of geometry and algebra. The emphasis is on applied mathematics as well as the abstract nature of mathematics. This course prepares students for calculus and higher mathematics. Graphing calculators are required and provided for this course. DUAL-ENROLLEMENT COURSE. 3 CREDITS UNIVERSITY OF PITTSBURGH@ BRADFORD.

INTRODUCTION TO CALCULUS (DE506) 1.06 S.T.E.M. credits—Prerequisite – Advanced Math. Calculus is a system of mathematical reasoning through the use of symbols. This course is designed as an elective for the serious math student that is interested in furthering his studies at the college level in mathematics. Graphing calculators are required and provided for this course. ADVANCED PLACEMENT COURSE for college credit. DUAL-ENROLLEMENT COURSE. 3 CREDITS PENN HIGHLANDS COMMUNITY COLLEGE.

MUSIC

SENIOR CHOIR (110) (Grades 9–12) 1 or .5 credit—The student in this course studies and performs all types of vocal literature from classical music to the present “pop” style. Basic choreography is added to enhance the performance. Previous participation in junior choir is suggested but not required.

SENIOR BAND (112) (Grades 9–12) 1 or .5 credit—Senior Band refines the instrumental techniques learned in Elementary and Junior Band. A wide range of musical styles is explored including “pop,” jazz, classical, and 20th century. The band presents two concerts per year as well as offering opportunities to participate in special festivals and performances. Previous participation in Junior Band is suggested but not required.

VOICE I (153) (Grades 9–12) .50 credit—This course is offered to students in grades 9 through 12 who are interested in performing serious vocal literature. Extensive vocal training will be explored as well as performing art songs in various languages. The student must be enrolled in choir. There is no prerequisite. Class enrollment is limited.

KEYBOARDING (113) (Grades 9–12) .50 credit—This course is offered to students in Grades 9–12 who are interested in learning to play keyboard instruments. This course will be taught based on the individual needs and previous training. Class enrollment is limited due to the number of keyboards available.

HISTORY OF ROCK 'N ROLL (117) .5 credit—This course will tour rock music from the beginning to present. We will explore the connections between modern music and the artists and groups from the past, exploring the social and historical context that gave birth to musical genre and the enjoyment of music.

MUSIC EXPLORATIONS (118) .5 credit—Designed to give the music enthusiast basic musical concepts, along with history and appreciation of the arts. The course offers exploration through the course of technology with focus on contemporary content. Use of iPads and other technologies are a regular part of this class.

BASICS OF GUITAR I (115) .5 credit—A beginner course to develop performance skills on the guitar through participation in small group instruction and individualized practicum. We will look at connection of reading traditional notation and tablature. This course will also cover proper posture, performance, care, stringing and tuning of the instrument.

BASICS OF GUITAR II (116) .5 credit—An intermediate course to develop performance skills on the guitar. It is beneficial for students in this course to own their own guitar; however, it is not required.

PRACTICAL ARTS

TECHNOLOGY EDUCATION/TECH ED (126) 1 S.T.E.M. credit—In this course students will collaborate with peers, when possible, to apply various STEM (Science, Technology, Engineering, and Math) principles to solve real world challenges. There is a focus on critical thinking, problem solving, and applied science and mathematics. Major projects include bridge building, CO2 cars, Robotics, and modules including small gas engines, electrical wiring, and pneumatics/hydraulics.

DRAFTING & DESIGN/CADD 1 (DE128/128) 1.03 S.T.E.M. credit—Basic Drafting and Design/CADD 1 is a well-rounded introductory course, which engages students in hands-on activities and exercises. The students will display the language of industry by performing exercises in the areas of drafting careers, lettering, geometric constructions, two and three view projections, and sectional views. The students will also be introduced to computer aided drafting and design (CADD). The students will gain basic understanding of the fundamentals of CADD. The main objective of this course is for the student to be able to take a three-dimensional object and draft a working drawing of it, traditionally and electronically, so that the object could be manufactured. DUAL ENROLLMENT COURSE, 3 CREDITS. PENNHIGHLANDS COMMUNITY COLLEGE.

DRAFTING & DESIGN/CADD 2 (DE129/129) 1.03 S.T.E.M. credits—Prerequisite: Drafting/CADD 1. This course consists of more advanced and in-depth drawings of Drafting & Design/CADD 1. Drawing exercises will consist of advanced two and three view projections, detail and assembly, sectional views, auxiliary views, tolerancing, sheet metal layout, thread representation, isometrics, obliques and perspectives, solid modeling, and 3D surface modeling. DUAL-ENROLLEMENT COURSE, 3 CREDITS. PENN HIGHLANDS COMMUNITY COLLEGE.

ARCHITECTURAL DRAWING (DE130/130) 1.03 S.T.E.M. credits—This course provides an introduction to the diverse and complex field of architecture. The students will complete activities in the planning and design of both single and multifamily residences. The students will gain an appreciation for the efficient use of space for room planning and in the total design of the house. The students will relate interior

design to exterior design and show how the two work together to form an integrated whole. This course will also cover basic methods or residential foundations, flooring, wall and roof constructions and plumbing and electrical considerations. The students will draft a complete set of floor plans, elevations and develop a material list along with a cost analysis. They will then use these plans to build a scale model of their house. DUAL ENROLLMENT COURSE, 3 CREDITS. PENNHIGHLANDS COMMUNITY COLLEGE.

WOODWORKING 1 (123) 1 S.T.E.M. credit—This course provides students with basic information about wood and wood products; selection, safe use, and care of hand and power tools; and proper woodworking procedures. Woodworking 1 offers exploratory experience designed to give the student insight into the major areas of woodworking. Woodworking 1 is intended to help students develop competent technical skills for good performance in the area of woodworking.

WOODWORKING 2 (124) .5 S.T.E.M. credit—Prerequisite: Woodworking 1. This course provides students with a more in-depth and advanced experience in the area of woodworking. The students will engage in the opportunity to learn about various career opportunities and how a company operates by actually forming a company to mass produce a product. In addition, the technical aspects of wood structure, growth and physical properties of wood are also involved in the total outcome of this class.

WOODWORKING 3 (125) (Grades 11-12) 0.5 or 1 S.T.E.M. credit— Prerequisite(s): Wood 1 and 2. This advanced woodworking class focuses on shop and school maintenance, community service and an opportunity to work on an involved senior project.

METAL SHOP (127) (Grades 11-12) 0.5 credit S.T.E.M. credit—Prerequisite: Woodworking 1. Metal shop supplies basic information on tools, materials, and procedures used in metal working. It covers both hand and machine tool operations, supplies background knowledge on industrial equipment and processes; develops an appreciation of good design and the ability to select, care for and use industrial products wisely. The ability to read, understand, and successfully manufacture a product from a set of blue prints will be presented. The students will accomplish all of the above by engaging in a wide variety of hands-on activities and manufacturing projects using various metals.

SR. HIGH STEM (417) (Grade 9-12) 1 S.T.E.M. credit—In the STEM lab, individuals and small teams of students will rotate through a series of learning stations. At points during the rotation, the teacher will supplement module-based learning exercises with other activities designed to “dive deeper” into various science and engineering concepts. Teamwork, networking, and critical thinking will be key points of emphasis. Students will learn content while drawing connections to real world applications. Practical use of certain productivity tools will also be included in this curriculum.

STEM 9 (9TH Grade Rotation) 0.33 S.T.E.M. credit—In STEM 9 students will be experience higher-level learning through many hands-on experiments. This course which is designed for students to take responsibility for their own learning, focuses on

students involved in tasks designed around Science, Technology, Engineering, and Math (STEM).

SCIENCES

BIOLOGY 1A (400) (Grade 9) 1 S.T.E.M. credit—This course is designed to give students a solid foundation in the nature of science, biological principles, and biochemistry prior to entering the Biology B curriculum.

BIOLOGY 1B (401) (K) (Grade 9-10) 1 S.T.E.M. credit—This is a course designed for academic students. The purpose of this course is to build upon the students' basic knowledge of the life sciences and enhance their comprehension of the biological fields. A "hands-on" approach will be emphasized. Prerequisite to Biology 2.

BIOLOGY 2 (402)) 1.06 S.T.E.M. credits—Prerequisite – Biology 1, Chemistry (may be taken concurrently). A conceptually oriented course, Biology 2 is offered primarily for students who desire to pursue careers in science. Only juniors or seniors who have completed chemistry or who are scheduled to take chemistry concurrently may take this course.

BIOLOGY 3 (403) (Grade 12) 1.06 S.T.E.M. credits—Prerequisite – Biology 1,2 and Chemistry. Independent study curriculum catered to individuals whose anticipated course of study in post-secondary education is Biology.

ENVIRONMENTAL SCIENCE (DE414) (Grades 11-12) 1.06 S.T.E.M. credits—With sustainability as the central theme, this course will cover major issues related to environmental science in our world today. The course will utilize a blend of hands-on activities, labs, case studies and critical thinking exercises to explore big ideas in environmental science and promote environmental stewardship within students. Dual Enrollment course. 3 credits UNIVERSITY OF PITTSBURGH @ BRADFORD.

CHEMISTRY I (405) 1 S.T.E.M. credit—Prerequisite – Algebra 1 or Basic Algebra. Chemistry is designed primarily for the college-bound student, but it is not limited to the academic student. Laboratory work is an important part of the course, and it is integrated with the class work. In an attempt to keep theory relative, illustrations of practical applications of chemistry are used in the classroom and laboratory. Good study habits are encouraged as the students keep classroom notebooks and write formal lab reports.

CHEMISTRY 2 (DE406) (Grades 11-12) 1.56 S.T.E.M. credit— Prerequisite: Chemistry 1. Chemistry 2 is offered for the student planning to pursue a career in chemistry, chemical engineering, medical fields, or environmental science. This course is not to be substituted for physics without seeking advice from your teacher concerning your career choice. Topics covered will include a review of the mole method, organic chemistry, biochemistry, electrochemistry, and other advanced topics in inorganic chemistry. Current environmental issues directly related to chemistry will be investigated when possible. DUAL-ENROLLEMENT COURSE 4 CREDITS. PENN HIGHLANDS COMMUNITY COLLEGE.

SCIENCE, TECHNOLOGY & SOCIETY (416) (Grades 11–12) 1 S.T.E.M. credit—This course will be offered for students in their junior or senior year. It is required of all students not electing chemistry. The purpose of the course is to provide students with the information base needed to foster understanding and intelligent decision-making with respect to environmental science issues. Topics will include global warming, ozone depletion, waste disposal, pollution, and current events in science.

PHYSICS (415) (Grade 12) 1 S.T.E.M. credit—Prerequisite – Algebra 2. Physics is the study of the interaction of matter and energy. Topics covered include mechanics, forces, thermodynamics, light, electricity, and motion. Laboratory experiments are an important part of the course.

PHYSICAL SCIENCE (413) (Grades 9-12) 1 S.T.E.M. credit— This physics course is suggested for the academic or general student who is not intending a career in the physical sciences or engineering. This course is appropriate for elementary education majors, non-science secondary education majors, business majors and nursing students. Conceptual Physics is a course that covers the traditional physics topics (see PHYSICS description) without rigorous mathematical treatment. The laws of nature are developmental on a conceptual basis. Mathematical analysis is secondary, but NOT omitted.

Seneca Highlands Area
CAREER AND TECHNICAL CENTER

- | | | | |
|------------|---|------------|--|
| 001 | Auto Mechanics
Length of Program – 3 years
Certification – PA State Inspection | 007 | Health Assistant
Length of Program – 2 years
Certification – Nurse Aide/Health Career
Exploration |
| 002 | Building Construction
Length of Program – 3 years | 008 | Heavy Equipment Maintenance
Length of Program – 3 years
Certification – PA State Inspection |
| 005 | Cosmetology
Length of Program – 3 years | 009 | Metalworking Occupations
Length of Program – 3 years |
| 006 | Culinary Arts
Length of Program – 3 years
Certification—Serve Safe | 010 | Network Systems Technology
Length of Program – 3 years
Certification – CCNA |
| | | 011 | Welding
Length of Program – 3 years |

Online Electives

The following courses are online electives aligned with one or more of the 16 career clusters. These courses are designed to provide relevant content knowledge to students interested in a specific career path. Online courses require a great deal of independence and time management. Do not take them lightly. Most courses require the completion of one lesson each day. As in all other classes, missed days will be required to be made up on the students' own time. All courses are open to students in grades 9-12 and are 1 credit courses, unless otherwise noted.

Agriculture and Natural Resources (S.T.E.M.)

This class is comprised of:

Agricultural Science – In this course, students will learn more about the development and maintenance of agriculture, animal systems, natural resources, and other food sources. Students will also examine the relationship between agriculture and natural resources and the environment, health, politics, and world trade.

Life Science – The survey of biological sciences introduces students to the structure and function of living things and the natural relationships that exist on Earth. The course begins with the definition of life and a discussion of how living things are classified and organized by scientists. Students then work through material that presents the molecular building blocks of organisms. Both apply what they have learned about the natural world to the complex relationships and environmental factors that have shaped the ever-changing species sharing the world today.

Business Administration

This class is comprised of:

Hospitality and Tourism: Traveling the Globe –With greater disposable income and more opportunities for business travel, people are traversing the globe in growing numbers. As a result, hospitality and tourism is one of the fastest growing industries in the world. This course will introduce students to the hospitality and tourism industry, including hotel and restaurant management, cruise ships, spas, resorts, theme parks, and other areas. Students will learn about key hospitality issues, the development and management of tourist locations, event planning, marketing, and environmental issues related to leisure and travel. The course also examines some current and future trends in the field.

AND

International Business: Global Commerce in the 21st Century – This course is designed to help students develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace. It takes a global view on business, investigating why and how companies expand internationally. The course provides students with a conceptual tool that can help them understand how economic, social, cultural, political, and legal factors influence both domestic and international business. Business structures, global entrepreneurship, business management, marketing, and the challenges of managing international organizations will all be

explored. Students will become aware of the ways history, geography, language, cultural studies, research skills, and continuing education are important to modern business.

OR

Sports/Entertainment Marketing – Have you ever wanted to play sports professionally? Have you dreamed of one day becoming an agent for a celebrity entertainer? If so, you'll want to learn more about sports and entertainment marketing. Although this particular form of marketing bears some resemblance to traditional marketing, there are many differences as well – including a lot more glitz and glamour! In this course, you'll have the opportunity to explore marketing principles and delve deeper into the multi-billion dollar sports and entertainment marketing industry. You'll learn how professional athletes, sports teams, and entertainers are marketed as commodities and how some of them become billionaires as a result. In addition, you'll find out what happens behind the scenes of major sporting events and learn about the fundamentals of careers in entertainment marketing.

Child Development

This class is comprised of:

Early Childhood Education 1 – Want to have an impact on the most important years of human development? Students will learn how to create fun and educational environments, keep the environment safe, and encourage the health and well-being of infants, toddlers, and school-aged children.

AND

Real World Parenting – What is the best way to care for children and teach them self-confidence and a sense of responsibility? Parenting involves more than providing a child with food and shelter. Learn what to prepare for, what to expect, and what vital steps parents can take to create the best environment for their children. Parenting roles and responsibilities, nurturing and protective environments for children, positive parenting strategies, and effective communication in parent/child relationships are some of the topics covered in this course.

OR

Peer Counseling – Helping people achieve their goals is one of the most rewarding of human experiences. Peer counselors help individuals reach their goals by offering them support, encouragement, and information. This course explains the role of a peer counselor; teaches the observation, listening, and communication skills that counselors need; and provides basic training in conflict resolution and group leadership. Not only will this course prepare to work as a peer counselor, but the skills taught will enhance your ability to communicate effectively in your personal and professional relationships.

Criminal Justice I

This class is comprised of:

Careers in Criminal Justice: Criminal Justice Operations 1 – The criminal justice system offers a wide range of career opportunities. In this course, students will explore different areas

of the criminal justice system, including the trial process, the juvenile system, and the correctional system.

Law and Order: Introduction to Legal Studies – Every society has laws that its citizens must follow. From traffic laws to regulations that affect the operation of the government, laws help provide society with orders and structure. Our lives are guided and regulated by our society's legal expectations. Consumer laws help protect us from faulty goods; criminal laws help to protect society from individuals who harm others; and family law handles the arrangements and issues that arise in areas including divorce and child custody. This course focuses on the creation and application of laws in various areas of society. By understanding the workings of the US court system, as well as how laws are actually put into effect and enforced, students can become more informed and responsible citizens.

Criminal Justice II

This class is comprised of:

Sociology – The field of sociology explores the development, dynamics, and structure of societies and society's connections to human behavior. Sociology examines the ways in which groups, organizations, communities, social categories (such as class, sex, age, or race), and various social institutions (such as kinship, economic, political, or religious) affect human attitudes, actions, and opportunities. In this course, students learn about the concepts and tools used to understand individuality, social structure, inequality, family structure, education, economics, politics, and social change.

Criminology: Inside the Criminal Mind – In today's world, crime and deviant behavior rank at or near the top of many people's concerns. This course covers the field of Criminology, the study of crime. You will look at possible explanations for crime from psychological, biological, and sociological perspectives; explore the categories and social consequences of crime; and investigate how the criminal justice system handles not only criminals, but also their misdeeds. Why do some individuals commit crimes, but others do not? What aspects of culture and society promote crime and deviance? Why are different punishments given to different people who commit same crime? What factors, from arrest to punishment, help shape the criminal case process?

Criminal Justice III

This class is comprised of:

Forensic Science 1: Secrets of the Dead – Fingerprints. Blood Spatter. DNA analysis. The world of law enforcement is increasingly making use of techniques and knowledge from the sciences to better understand crimes and catch the individuals responsible for those crimes. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are corded and preserved, students will

follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed.

Forensic Science 2: More Secrets of the Dead – Although the crime scene represents the first step in solving crimes through forensic science, the crime laboratory plays a critical role in the analysis of evidence. This course focuses on the analysis of evidence that takes place within this setting. You will examine some of the basic scientific principles and knowledge that guide forensic laboratory processes, such as those testing DNA, toxicology, and material analysis. Techniques including microscopy, chromatography, odontology, entomology, mineralogy, and spectroscopy will be examined.

Digital Photography

This class is comprised of:

Digital Photography 1: Creating Images with Impact – Have you ever wondered how photographers take such great pictures? Have you tried to take photographs and wondered why they didn't seem to capture a moment the way you saw it? Digital Photography 1 focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. Students will be introduced to the history of photography and basic camera functions. Students will use camera functions and the techniques of composition to build a portfolio that includes images of people, landscapes, minute details, and thrilling action.

Digital Photography 2: Discovering Your Creative Potential – In today's world, photographs are all around you in advertisements, on websites, and hung as art. Many of the images that you see have been created by professional photographers. In this course, students will examine various aspects of professional photography, including the ethics of the profession and specialty areas, such as wedding and product photography. The course also introduces students to some of the most respected professional photographers in history and provides instruction in critiquing photographs so students can better understand what creates an eye-catching photograph.

Economics I

This class is comprised of:

Macroeconomics – Macroeconomics deals with the economics of nations and regions. Students will learn how these economics function and measure up against one another by exploring concepts including gross domestic product (GDP), unemployment rates, and price indices. At the end of this course, students will be able to understand the world economy and recognize the events and people who have contributed to the understanding of macroeconomics.

Microeconomics – In Microeconomics, students learn about the structure of economics and how it affects world events and people's everyday lives. Upon completing this course, students have a better understanding of personal finance, the role and process of taxation, and the risks and rewards of investment. The course discusses the need for economic systems, examines the concepts of supply and demand and consumer theory, and evaluates past and present occupation trends. Students compare the mixed economics of various nations; learn about traditional, command, and market economies; and examine the role of government in regulating the economy.

Health Science I

This class is comprised of:

Health Science 1: The Whole Individual – Will researchers ever find a cure for cancer? What treatments are best for conditions such as diabetes and asthma? How are illnesses including meningitis, tuberculosis, and measles identified and diagnosed? Health sciences provide the answers to questions such as these. In this course, students will be introduced to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology. They will explore the importance of diagnostics and research in the identification and treatment of diseases. The course presents information and terminology related to the health sciences and examines the contributions of different health science areas.

Health Science 2: Patient Care and Medical Services – Health Science 2 is designed to further students' understanding of the health care workplace, including patient and caregiver interactions and the ways various members of health care team work together to create an ethical, functional, and compassionate environment for patients.

Health Science II (S.T.E.M.)

This class is comprised of:

Epidemiology – Epidemiologists investigate the causes of disease and other public health problems in an effort to prevent them from spreading. This course introduces students to the field of epidemiology, including the basic concepts related to infectious diseases, specializations in epidemiology, including the basic concepts related to infectious diseases, specializations in epidemiology, and study design. Students learn about the specific parts of an epidemiology study and their importance, including types of sampling, selection bias, standardization, confidence intervals, and evidence-based research.

Genetics - Through this introduction to the field of genetics, students learn about the theories of Darwin and Wallace; the concepts of adaptation, genotype, and phenotype; and basic concepts related to cells, DNA, and RNA. Students study Gregor Mendel's pioneering work in genetic variation and the basic concepts that have been developed as a result of his findings. Finally, students explore applications of genetics, including metagenomics, genetically modified organisms, DNA technologies, genetic testing, and other clinical and nonclinical applications of genetics.

Stem Cells – In this course, the diverse and rapidly changing field of stem cell research comes alive for students. Students learn about the different types of stem cells; how stem cells were discovered; their importance to research; and the goals, challenges, and controversies in the field. Students explore human and mouse embryonic stem cells and a variety of types of stem cells found in different parts of the body, as well as the potential clinical applications of these cells in human medicine. Finally, students study stem cell research models.

Biotechnology – This course provides students with a comprehensive and engaging look at the field of biotechnology. Students explore the history of biotechnology and advances in the field, as well as basic information about biotechnology laboratories and careers. Students learn about chemistry; the units of measurement used in biotechnology; and the biology of the cell, DNA, RNA, and proteins. The course concludes with a survey of the applications of biotechnology in the research lab and in industry, including enzymes, techniques, and plasmids.

Introduction to Engineering (S.T.E.M.)

This course is comprised of:

Mechanical Engineering – This course introduces students to the field of mechanical engineering and its many applications in the world today. Students learn basic mechanical engineering concepts, including systems of units, vectors, forces, moments, force systems, couples, and equilibrium problems. Students explore the methods of joints and sections, define centroids, explain distributed loads and centers of mass and axes, and state the Pappus-Guldinus theorems. This course concludes with lessons about dry friction, beams, cables, load distribution, pressure, and potential energy. At the end of this course, students have knowledge of and appreciation for the field of mechanical engineering and its importance in today's society.

Electrical Engineering – In this introduction to electrical engineering, students learn about electrical engineering concepts including electricity, circuits, energy, work, power, the components of circuits, and some simple applications of electricity. Students explore basic circuit concepts, including series and parallel circuits, laws of electricity, and how circuits are used. At the end of this course, students have knowledge of and appreciation for the field of electrical engineering and its many applications.

Chemical Engineering – This course offers students a comprehensive and engaging look at the field of chemical engineering. Students learn the basic concepts used in chemical engineering, including systems of units, the periodic table of elements, molecules, compounds, bonding, temperature, and pressure. Students explore chemical systems and reactions, including stoichiometry, open and closed systems, multiple-component systems, and chemical reactions. Finally, students study gases and gas laws, pressure, systems, energy and enthalpy. At the end of this course, students have gained a knowledge of and appreciation for chemical engineering and its growing importance in today's society.

Computer Engineering – In this course, students learn the concepts used in computer engineering, including the essential parts of a computer, how information is quantified, organized, and used, and the different types of information. Students learn about information compression and information theory, the different types of coding, the theory of sound, and how sound is converted into a signal. Finally, students learn about applications of computer engineering, including digital telephones, real-time data transmission, bandwidth limits, different types of systems, and information security.

Introduction to Manufacturing (S.T.E.M.)

This class is comprised of:

Intro to Manufacturing – Think about the last time you visited your favorite store. Have you ever wondered how the products you buy make it to the store shelves? Whether it's video

games, clothing, or sport equipment, the goods you purchase must go through a manufacturing process before they can be marketed and sold. In this course, you'll learn about the types of manufacturing systems and processes used to create the products you buy every day. You'll also be introduced to various career opportunities in the manufacturing industry including those for engineers, technicians, and supervisors. As a culminating project, you'll plan your own manufacturing process for a new product or invention! If you thought manufacturing as little more than mundane assembly lines, this course will show you just how exciting and fruitful the industry can be.

Electrical Engineering – In this introduction to electrical engineering, students learn about electrical engineering concepts including electricity, circuits, energy, work, power, the components of circuits, and some simple applications of electricity. Students explore basic circuit concepts, including series and parallel circuits, laws of electricity, and how circuits are used. At the end of this course, students have a knowledge of and appreciation for the field of electrical engineering and its many applications.

Mechanical Engineering – This course introduces students to the field of mechanical engineering and its many applications in the world today. Students learn basic mechanical engineering concepts, including systems of units, vectors, forces, moments, force systems, couples, and equilibrium problems. Students explore the methods of joints and sections, define centroids, explain distributed loads and centers of mass and axes, and state the Pappus-Guldinus theorems. The course concludes with lessons about dry friction, beams, cables, load distribution, pressure and potential energy. At the end of this course, students have knowledge of and appreciation for the field of mechanical engineering and its importance in today's society.

Introduction to Technology (S.T.E.M.)

This class is comprised of:

Introduction to Technological Sciences – In this course, students learn about three main fields of technological science: engineering, biotechnology, and information technology. The first unit of the course surveys 15 distinct sub-fields of engineering, exploring the science background, real-world applications, and career opportunities in fields including aerospace, nuclear, and software engineering. In the second unit, students study cutting-edge biotechnology topics such as gene therapy, bioengineered crops, and biodegradation. The final unit focuses on the study of informational technology, covering computer networking, data storage, and data encryption for secure communications.

The Science of Computing – This course is a survey of the past, present, and future of computer technology. Students explore fascinating and enlightening topics, such as how Stonehenge may actually have been used as a type of computer, and how inventions such as the abacus and the microprocessor have made today's technology possible. Students also learn about the science behind the hardware and software used today. Topics including algorithms, operating systems, and networks are described in detail and placed into context as tools for human innovation. Finally, the course looks to the future, introducing students to foreseeable improvements to current technology and visionary breakthroughs such as artificial intelligence, quantum security, and biological processors.

Java – This course introduces student to the Java programming language. Students learn how programming languages work, how to use basic programming tools to design web applications, and how to write a basic program. Students then learn about arrays, objects, creating behavior with methods, forming an inheritance hierarchy, and designing and creating subclasses and superclasses. Finally, students apply what they have learned to build user interfaces and use input and output streams to move data. At the end of the course, students have a knowledge of and appreciation for the Java programming language.

HTML – In this course, students learn about the HyperText Markup Language (HTML), web design, and programming. Students explore the elements required to build a website, including lists, tables, frames, and other web design elements. They also practice designing and using Cascading Style Sheets to enhance a webpage. Finally, students learn and apply basic web design and layout principles, including testing and publishing a website. At the end of this course, students have knowledge of and appreciation for HTML and its use for web design and programming.

Probability and Statistics (S.T.E.M.)

Probability - In this course, students take a comprehensive and engaging look at the field of probability. They begin by learning the basic terms, types, theories and rules of probability. Next, the course covers random outcomes and normal distributions, as well as binomial probabilities. Finally, students learn about geometric probability, sampling distribution, populations, and the central limit theorem. By the end of this course, students gain a knowledge of and appreciation for the field of probability and its uses in everyday life.

Statistics- This course opens students’ eyes to the many uses of statistics in the real world – from sports and the weather to health and politics. Students learn basic concepts, how to use graphs to represent data, and ways to analyze data. They explore statistical relationships, including the use of correlations, residual plots, and scatter plots. Finally, students learn how to model nonlinear relationships by using exponential and logarithmic functions and how to design a sample to produce the correct type of data (observational or experimental). By the end of this course, students gain a knowledge of and appreciation for the field of statistics and its applications in the real world.

Public Administration

This class is comprised of:

Law and Order: Introduction to Legal Studies – Every society has laws that its citizens must follow. From traffic laws to regulations that affect the operation of the government, laws help provide society with order and structure. Our lives are guided and regulated by our society’s legal expectations. Consumer laws help protect us from faulty goods; criminal laws help to protect society from individuals who harm others; and family law handles the arrangements and issues that arise in areas including divorce and child custody. This course focuses on the creation and application of laws in various areas of society. By understanding the workings of the US court system, as well as how laws are actually put into effect and enforced, students can become more informed and responsible citizens.

Public Speaking – The art of public speaking underpins the very foundations of Western society. This course examines those foundations in Aristotle's and Cicero's views of rhetoric, and then traces those foundations into the modern world. Students will learn not just the theory, but also the practice of effective public speaking, including how to analyze the speeches of others, build a strong argument, and speak with confidence and flair. By the end of this course, students will know exactly what makes a truly successful speech and will be able to put that knowledge to practical use.

Social Problems

Social Problems 1: A World in Crisis – Students will become aware of the challenges faced by social groups and learn about the complex relationship among societies, governments, and individuals. Each unit focuses on a particular area of concern, often within a global context, and examines possible solutions at both the individual and structural levels. Students will not only learn more about how social problems affect them personally, but begin to develop the skills necessary to help make a difference in their communities and in the world.

Social Problems 2: Crisis, Conflicts, & Challenges – The Social Problems II course continues to examine the current social issues affecting individuals and societies around the globe. Each unit focuses on a particular social problem, including racial discrimination, drug abuse, the loss of a community, and urban sprawl. Students learn about the overall structure of the social problem, its relevance to their lives, and possible solutions at both individual and structural levels. For each issue, students examine the connections in the global arena involving societies, governments, and individuals.

Sociology

This class is comprised of:

Sociology 1: The Study of Human Relationships – The world is becoming more complex. How do your beliefs, values, and behavior affect the people around you and the world as a whole? This course will examine social problems in this increasingly connected world, and discuss how human relationships can strongly influence and impact individuals' lives. Exciting online video journeys to different regions are an important component of this relevant and engaging course.

Sociology 2: Your Social Life – Sociology is the study of people, social life, and society. The development of a sociological imagination will enable students to examine the ways that society shapes human actions and beliefs, and how such actions and beliefs shape society. Exciting online video journeys are also presented in the course.

NOTES:
