

PIONEER CAREER AND TECHNOLOGY CENTER



ACADEMIC COURSE CATALOG

PROJECTED COURSE ENROLLMENT

FIRST YEAR

ENGLISH_____ = 1 CREDIT

MATH_____ = 1 CREDIT

SCIENCE_____ = 1 CREDIT

LAB_____ = 3 CREDITS

ELECTIVE_____ = 1 CREDIT

TOTAL CREDITS 7

SECOND YEAR

ENGLISH_____ = 1 CREDIT

MATH_____ = 1 CREDIT

GOVERNMENT_____ = 1 CREDIT

LAB_____ = 3 CREDITS

ELECTIVE_____ = 1 CREDIT

TOTAL CREDITS 7

Table of Contents

ENGLISH

English 11.....	5
Honors English 11.	5
English 12.....	5
Honors English 12.	5
CCP Composition 1010	5
CCP Composition 1030	5
Journalism I and II	6
Zombies Among Us/Orphan Heroes(1/2 credit each)	6

MATH

Geometry.....	7
Math Applications (formerly Finite I).	7
Math Modeling (formerly Finite II).	7
Algebra II.	7
Advanced Math.....	7
Statistics.	8
Pre-Calculus.....	8
Calculus.....	8
CCP Statistics... ..	8
CCP Pre-Calculus.....	9
CCP Calculus.....	9

SCIENCE

Material Science	10
Environmental Science.....	10
Chemistry	10
Physics.	10
Anatomy and Physiology I	10
Anatomy and Physiology II	10
Drone Technologies (Elective).....	11

SOCIAL STUDIES

World Studies.....	11
American Studies	11
Government/Economics	11
CCP Government/Economics.....	11
The 60's I: A Decade of Turbulence and Transition.....	11
The 60's II: A Decade of Turbulence and Transition.....	12
World Geography.....	12
Contemporary Issues.	12
Street Law I/ Street Law II	12
Psychology/Sociology (1 semester each/.5 credit each).....	12

ADDITIONAL COURSES/ELECTIVES

Agriculture III (At Shelby High School)	13
Agriculture IV (At Shelby High School)	13
Architectural Blueprint Reading - Beginning	13
Architectural Blueprint Reading -Advanced	13
Blueprint Reading - Introductory.....	13
Blueprint Reading -Advanced.....	13
Computer Art and Animations - Beginning.....	14
Computer Art and Animations -Advanced	14
Microsoft Office I.....	14
Microsoft Office II.....	14
Health.....	14
Physical Education.....	14
Skills for Living I	14
Skills for Living II	15
Owning Your Own Business.....	15
Personal Finance	15
Edgenuity Online Courses.....	15

English

English 11 - 1 Credit - Full Year

This course compliments career tech training programs and teaches employability skills such as resume writing, cover and reference letters and communications. It also incorporates literacy, American literature analysis, research writing and comprehension skills through a variety of literary genres, themes and understanding of vocabulary through context. A junior research paper written to defend and refute a particular topic is a requirement of the course. The course meets the Ohio Learning Standards for English Language Arts.

Honors English 11 - 1 Credit - Full Year

Honors English 11 is a rigorous interdisciplinary course that uses innovative instructional strategies with concentration on contextual learning that departs from procedural memorization and focuses on engaging the students in a real-world context. This course focuses on literacy strategies that allow students to read and comprehend all manner of texts and genres in every core disciplines with specific examples in science and history. Additionally, Honors English 11 is a practical application of reading, writing, and speaking skills to enhance student preparation for college-level critical thinking and coursework.

English 12 - 1 Credit - Full Year

This curriculum is a combination of oral and written communication skills. The research project is related to each student's career-technical area and includes a product. Students continue to learn literacy skills through reading a variety of genres, analysis, reflection, and comprehension through context clues. Oral communication skill learning includes basic interviewing interpersonal communications, demonstrations, presentations, proposals, and integrated projects. This course meets the Ohio Learning Standards for English Language Arts.

Honors English 12 - 1 credit - Full Year

Honors English 12 is a rigorous interdisciplinary course that uses innovative instructional strategies with concentration on contextual learning that departs from procedural memorization and focuses on engaging the students in a real-world context. This course focuses on literacy strategies that allow students to read and comprehend all manner of texts and genres in every core disciplines with specific examples in science and history. Additionally, Honors English 12 is a practical application of reading, writing, and speaking skills to enhance student preparation for college-level critical thinking and coursework.

ENGL 1010 - English Composition I - 3 Semester Hours, 1 HS credit - 1st Semester

This is a basic course in expository writing and critical reading. Students read a variety of nonfiction works and write summaries, analysis, essays, and a researched argument in response to their reading. Students learn to read actively and accurately and to organize, develop, and revise coherent papers appropriate for a college-educated audience. Course is offered through North Central State College.

ENGL 1030 - English Composition II - 3 Semester Hours, 1 HS credit - 2nd Semester

Prerequisite: ENGL 1010

This is a course in argument and research writing. Students read issue-based works and write summaries, responses, and an argument and research paper. Students learn to organize research projects, find and evaluate sources, incorporate ideas and quotations from sources, document their sources in MLA and APA style, analyze and use argumentative strategies and persuasive appeals, and prepare and re- vise effective, coherent papers. Course is offered through North Central State College.

Journalism I - 1/2 Credit - 1st Semester

Students will learn basic principles of design and layout. Through various activities and assignments (photography, writing, and the use of Adobe Photoshop and InDesign), students will utilize skills acquired in academic courses while creating, developing, and composing the school yearbook. This course is an elective course and does not meet the Ohio Graduation requirements of a core English credit.

Journalism II - 1/2 Credit - 2nd Semester

Students will learn basic principles of design and layout. In this course, students will utilize layout techniques via business/industry software while creating the school yearbook. The students will strengthen written and verbal communication skills. Throughout the course, the students will be introduced to various aspects of publishing, copyright laws, basic business practices, layout/design, sales and public relations. This course is an elective course and does not meet the Ohio Graduation requirements of a core English credit.

Orphan Heroes - 1/2 Credit - 1st Semester

Why do we love orphan heroes in literature? There are so many orphan heroes in popular culture that we may ask ourselves what their purpose is. It certainly is not a new concept. In medieval England King Arthur grew from an orphan to be king of England. Oliver Twist was Dickens mischievous orphan and more recently Harry Potter has captured the imaginations of readers across the world. Orphans have also taken over our movie screen from graphic novel orphan heroes Superman, Spiderman, and most recently the Marvel Heroes X-Men. This class will read excerpts from multiple orphan fictions and graphic novels discussing the orphan's birth, childhood, reunion with family, and their gifts to society. The final project will be creating a superhero and storyboard. This course is an elective course and does not meet the Ohio Graduation requirements of a core English credit.

Zombies Among Us - 1/2 Credit - 2nd Semester

Since George A. Romero's 1968 film Night of the Living Dead, America has been overcome with zombies, to the point where we now welcome them in our home each week with the graphic novel horror classic gone wild, The Walking Dead. But, where did this phenomena start? Many sociologists and critics say that the zombie resurged post-9/11, as the world changed, and thus, our collective anxieties shifted. Americans no longer felt safe, and at the same time, we had Hurricane Katrina, the avian flu, anthrax scares. Suddenly there was a period when people in the U.S. felt insecure, and as it so happened, the nature of those insecurities manifested in zombie narratives: Invasion, destruction, apocalypse, infection and there was this intersection of these influences that made it perfect for the zombie to take over. This class will read excerpts from four zombie novels and watch clips from movies and television shows to compare the reasons why zombies are an American phenomena.

The final project will be to create your own zombie mask. This course is an elective course and does not meet the Ohio Graduation requirements of a core English credit.

MATH

Geometry - 1 Credit - Full Year

This course uses the application of geometry theorems and postulates to a variety of technical fields. Topics covered include: logic and reasoning, proofs, parallels, congruent triangles, quadrilaterals, similarity, right triangles and trigonometry, circles, polygons, area, surface area, volume, graphing, and coordinate geometry. Integrated projects and discovery methods are used.

Math Applications (formerly Finite I) - 1 Credit - Full Year

The course will address content through concrete models and real-world situations with less emphasis on symbol-manipulation and formal mathematical structure. Because it is built on Ohio's Learning Standards, this course will enable students to deepen and extend understanding of Algebra 1 concepts, while providing the basis of skills necessary to complete the four years of mathematics required in high school. Ohio's Learning Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Math Modeling (formerly Finite II) - 1 Credit - Full Year

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in Algebra 1 and introduce statistics and probability concepts as it relates to collecting, analyzing and quantifying data. Because it is built on Ohio's Learning Standards, this course will enable students to deepen and extend understanding of Algebra concepts, while providing the basis of skills necessary to complete the four years of mathematics required in high school. Ohio's Learning Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Algebra II - 1 Credit - Full Year

This course is a continuation of topics covered in a first-year Algebra course and is intended as a preparation course for college mathematics. Topics covered include: equation solving, graphing, polynomial manipulation, factoring, manipulating algebraic equations, synthetic division, determinant solutions, slopes, midpoint formulas and solving higher degree equations. This is a difficult course that requires the completion of daily homework assignments and is designed for students who plan to continue their education beyond high school.

Advanced Math - 1 Credit - Full Year

This course is designed for students who have completed Algebra II or an Integrated Math II but are not ready for Pre-Calculus, Calculus or Statistics courses. It will cover various topics in mathematics in order to prepare you for college mathematics. Topics include: Linear Review, Statistics, Algebra Connections, Circles, Arcs and Angles, Triangular Trigonometry, Financial Interest, Solving Systems and Equations, Growth and Decay.

Statistics - 1 Credit - Full year

Students will learn the basics of statistics through hands-on activities and projects. Topics would include developing and reading charts, calculating basic statistical calculations, and computing probability of events, just to name a few. Students will use the fundamental statistical knowledge to further their skill of interpreting data. A student-oriented statistical project gives students the ability to demonstrate their knowledge and usage of statistics.

Pre-Calculus - 1 Credit - Full year

A study of: 1) polynomial operations, rational expressions, exponents, radicals; 2) linear and quadratic equations, inequalities, absolute value applications and their graphs; 3) graphs of elementary functions and non-functions including inverse functions, combining functions, and translating and transforming functions; 4) study of polynomial functions including the Fundamental Theorem of Algebra, zeroes of polynomials, rational functions, partial fractions; 5) exponential and logarithmic functions including graphs and applications; 6) Gauss-Jordan elimination and Cramer's Rule. Includes the study of trigonometric functions and inverse trigonometric functions and their graphs; solutions of right and oblique triangles and their applications; solutions of trigonometric equations and inequalities; the use of identities, vectors, and complex numbers; and solutions of polar equations and parametric equations.

Calculus - 1 Credit - Full year

A study of analytic geometry, limits, continuity, the derivative, basic differentiation rules, rates of change, the product and quotient rules, higher-order derivatives, the chain rule, implicit differentiation, related rates, extrema on an interval, Rolle's Theorem and the Mean Value Theorem. Function analysis includes increasing and decreasing functions and the first derivative test, concavity and the second derivative test, limits at infinity and curve sketching. Concluding topics include anti-derivatives, indefinite and definite integrals, the Fundamental Theorem of Calculus, and integration by substitution. Applications include optimization problems, Newton's method, differentials, and areas of planar regions.

CCP Statistics - Consists of two courses: Fundamentals of Statistics and STAT 1010

Fundamentals of Statistics - 1/2 Credit - 1st Semester

Students will learn the basics of statistics through hands-on activities and projects. Topics would include developing and reading charts, calculating basic statistical calculations, and computing probability of events, just to name a few.

STAT 1010 - Probability & Statistics - 3 Semester Hours, 1 HS credit - 2nd Semester

Students will use the fundamental statistical knowledge to further their skill of interpreting data. A student-oriented statistical project gives students the ability to demonstrate their knowledge and usage of statistics. Course is offered through North Central State College.

CCP Pre-Calculus - Consists of two courses: MATH 1110 and MATH 1130

MATH 1110 - College Algebra - 4 Semester Hours, 1 HS Credit - 1st Semester

A study of: 1) polynomial operations, rational expressions, exponents, radicals; 2) linear and quadratic equations, inequalities, absolute value applications and their graphs; 3) graphs of elementary functions and non-functions including inverse functions, combining functions, and translating and transforming functions; 4) study of polynomial functions including the Fundamental Theorem of Algebra, zeroes of polynomials, rational functions, partial fractions; 5) exponential and logarithmic functions including graphs and applications; 6) Gauss-Jordan elimination and Cramer's Rule. Course is offered through North Central State College.

MATH 1130 - Trigonometry - 4 Semester Hours, 1 HS Credit - 2nd Semester

Prerequisite: MATH 1110

This course includes the study of trigonometric functions and inverse trigonometric functions and their graphs; solutions of right and oblique triangles and their applications; solutions of trigonometric equations and inequalities; the use of identities, vectors, and complex numbers; and solutions of polar equations and parametric equations. Course is offered through North Central State College.

CCP Calculus - Consists of two courses: MATH 1150 and MATH 1151

MATH 1150 - Calculus I - 5 Semester Hours, 1 HS Credit - 1st Semester

A study of analytic geometry, limits, continuity, the derivative, basic differentiation rules, rates of change, the product and quotient rules, higher-order derivatives, the chain rule, implicit differentiation, related rates, extrema on an interval, Rolle's Theorem and the Mean Value Theorem. Function analysis includes increasing and decreasing functions and the first derivative test, concavity and the second derivative test, limits at infinity and curve sketching. Concluding topics include anti-derivatives, indefinite and definite integrals, the Fundamental Theorem of Calculus, and integration by substitution. Applications include optimization problems, Newton's method, differentials, and areas of planar regions. Course is offered through North Central State College.

MATH 1151 - Calculus II - 5 Semester Hours, 1 HS Credit - 2nd Semester

Prerequisite: MATH 1150

This course is a continuation of Math 1150. Topics include integration and applications, calculus of exponential and logarithmic functions, hyperbolic functions, methods of integration, integration by parts, indeterminate forms and L'Hôpital's Rule, moments and centers of mass, fluid pressure and force, integration techniques, series including Taylor and Maclaurin, calculus of conics, calculus of parametric equations, and polar forms of conic sections including Kepler's Laws. Course is offered through North Central State College.

SCIENCE

Material Science - 1 Credit - Full Year

The fundamental purpose of Materials Science is for students to apply the understanding of the composition, formation, properties, and structure of various materials to real world applications. The Material Science program is dedicated to promoting scientific and technological literacy. The principal means of learning will be through hands-on laboratory investigations that integrate science and technology.

Environmental Science - 1 Credit - Full Year

Environmental science is an inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information. Environmental science incorporates biology, chemistry, physics and physical geology and introduces 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.

Chemistry - 1 Credit - Full Year

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. This is a college prep level course.

Physics - 1 Credit - Full Year

Physics is an inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information. 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 is a college prep level course.

Anatomy I - 1 Credit - Full Year

Anatomy is a lecture and laboratory course in the anatomy and physiology of the human body. Study begins with basic terminology, and the examination of the body as a whole; the cell, tissues, integumentary system, skeletal system, muscular system, nervous system, senses, and endocrine system. Laboratory exercises are designed to supplement lecture topics and include microscopy, the study of models, dissection, and physiological experiments.

Anatomy II - 1 Credit - Full Year

This is a second level course in anatomy and physiology. Study begins with basic terminology; cardiovascular system, lymphoid system, respiratory system, digestive system, nutrition/metabolism, urinary system, reproductive system and development/inheritance. Laboratory exercises are designed to supplement lecture topics and include microscopy

Drone Technologies - 1 Credit - Full Year

Drone Technologies is an inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information. This course introduces students to key concepts and theories of drone technology. This course will include the study of the engineering and design principles behind these technologies. Topics will include fundamentals of flight, electronics, airport operations, weather, and FAA regulations. Scientific methods will be used to gather, analyze, and represent data in a variety of ways. Students will have an opportunity to earn a FAA drone piloting license.

SOCIAL STUDIES

World Studies - 1 Full Credit - Full Year

World Studies is a comprehensive social studies course that encompasses the six strands of social studies. The course covers 1850 to 1980 and looks at significant developments in American heritage, societies, and world interactions. The democratic process in the United States government as well as citizens' rights and responsibilities will also be incorporated into this unit. Emphasis will be placed on the development of political parties, imperialism, the rise of the industrial era and the labor movement, the Cold War, and economics. Culture studied will include the indigenous people, the Japanese, and the Germans in this time.

American Studies - 1 Full Credit - Full Year

American Studies II is a comprehensive social studies course. The course covers 1919 to the pre-present. It looks at significant developments in American heritage, societies, and world interaction. Emphasis is placed on immigration, Post-World War I, the Depression, Pre-World War II, World War II, The Cold War, civil rights issues, and the Vietnam War. Comparative economics and government and current events will be studied as well.

Government/Economics - 1 Full Credit - Full Year

The Government/Economics program strives to prepare students to assume the role of responsible citizenship. The Pioneer government classes are designed to give the students a basic background of the important aspects of American history, government, economics, and how they are inter-related. The program also works to develop attitudes, values, and skills within the workplace and the community.

Pioneer's government class provides knowledge that our students - and all Americans - need in order to become informed, involved citizens. The curriculum includes the development of skills to allow each student to reach his or her maximum potential including but not limited to critical thinking, study skills, interpretive skills, reading and writing, and collaborative projects.

CCP Government - Consists of two courses: POLT 1010 and Economics

POLT 1010 - American National Government - 3 Semester Hours, 1 HS Credit - 1st Semester

This course involves an examination of the people, values, institutions, processes, and policies associated with American government. Special emphasis is given to the way in which all of the variables interact to form the dynamic that is American politics. Course is offered through North Central State College.

Economics - 1/2 Credit - 2nd Semester

This course serves as the second half of the CCP Government curriculum. This course is for high school credit only and fulfills the Ohio graduation requirement for financial literacy.

THE 60's I: A Decade of Turbulence and Transition - 1/2 Credit - 1st Semester

The 60's was a decade of paradoxes: love-hate, war-peace, happiness-anger, white-black, silence-amplifiers, status quo/revolution, the Silent Majority-Woodstock Nation. Was it really "peace, love, and rock n' roll", or was it violence, hate, and unfulfilled promises? This social studies course will include a study of the Cold War, the presidencies of J.F.K. and Lyndon Johnson, and the Civil Rights Movement. Curriculum Includes readings, various assignments, projects, and a video textbook.

THE 60's II: A Decade of Turbulence and Transition - 1/2 Credit - 2nd Semester

This semester course will continue the study of the 60's through examining primary sources in documentary films and dramatizations, assignments, readings, and projects. Units will include America's Viet Nam experience, the civil disobedience, protest movement, political activism in the 60's, the culture of the decade and The Space Program.

World Geography - 1/2 Credit - 2nd Semester

This course builds on students' understanding of geography and spatial thinking. Contemporary issues are explored through the lens of geography. In addition to understanding where physical and cultural features are located and why those features are located as they are, students examine the implications of these spatial arrangements.

Contemporary Global Issues - 1/2 Credit - 1st Semester

The dynamics of global interactions among nations and regions present issues that affect all humanity. These dynamics include: competing beliefs and goals; methods of engagement; and conflict and cooperation. Contemporary issues have political, economic, social, historic and geographic components. Approaches to addressing global and regional issues reflect historical influences and multiple perspectives.

Street Law I/Street Law II - 1/2 Credit Each - 1 Semester Each

Street Law I and II are designed to provide students with practical legal knowledge and skills necessary to participate meaningfully in our constitutional democracy- with the overall goal of bringing about a greater sense of justice, fairness, and tolerance. Street Law I and II are academic courses by nature, but they will also complement career exploration and preparation by engaging with community resources such as lawyers, paralegals, court personnel, and law enforcement. The courses are designed to be hands-on by using a variety of instructional methods, such as: role play, cooperative learning, legal document preparation, interviews, civil discussions, and simulations such as mock trials, hearings, and moot courts. Students enrolled in these courses have the opportunity to participate in mock trial.

Psychology - 1/2 credit - 1 semester

This course introduces high school students to the study of psychology and helps them master fundamental concepts in research, theory, and human behavior. Course components include an introduction to the history, perspectives, and research of psychology; an understanding of topics such as the biological aspects of psychology, learning, and cognitive development; the stages of human development; aspects of personality and intelligence; the classification and treatment of psychological disorders; and psychological aspects of social interactions.

Sociology- 1/2 credit- 1 semester

This course covers cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, social stratification, racial and ethnic interactions, gender roles, family structure, the economic and political aspects of sociology, the sociology of public institutions, and collective human behavior, both historically and in modern times.

ADDITIONAL COURSES/ELECTIVES

Agriculture III - (At Shelby High School) - 1.25 Credit - Full Year

Prerequisite: Vocational Agriculture II or strong Agriculture background.

This course is a continuation of the first two years of Vocational Agriculture. This class will meet at Shelby High School; transportation will be provided. Construction trade students in Carpentry, Home Remodeling, and Masonry will not be able to take this elective due to time and distance conflicts with class projects at various work sites

Agriculture IV - (At Shelby High School) - 1.25 Credit - Full Year

Prerequisite: Vocational Agriculture III or strong Agriculture background.

This course is a continuation of the first three years of Vocational Agriculture. This class will meet at Shelby High School; transportation will be provided. Construction trade students in Carpentry, Home Remodeling, and Masonry will not be able to take this elective due to time and distance conflicts with class projects at various work sites.

Architectural Blueprint Reading - Beginning - 1/2 Credit - 1st Semester

This course is an introduction training course for those who desire knowledge of basic print reading of construction drawings. Students will learn to interpret and visualize construction drawing by studying the skills and concepts involved in reading, sketching, and interpreting construction drawings.

Students from Building Maintenance Trades, Carpentry, Home Remodeling, and Masonry are encouraged to enroll.

Architectural Blueprint Reading - Advanced - 1/2 Credit - 2nd Semester

Prerequisite: Architectural Blueprint Reading - Beginning

This course is a continuation of the Architectural Blueprint Reading. A further in-depth study of architectural blueprints and the requirements placed on the construction tradesmen to know details and be able to interpret the fine details of prints. This course will utilize workbooks and text books, handouts, Data Cad 7 computer drawing, architectural drawings and other instructional material.

Note books will be required and kept up-to-date by all students. This will be supplemented by lectures and other visual aids. The student will also be taught how to read and use a scale and other measuring devices. Students from Building Maintenance Trades, Carpentry, Home Remodeling, and Masonry are encouraged to enroll.

Blueprint Reading - Introductory - 1/2 Credit - 1st Semester

An in-depth look at engineering blueprints using the AutoCAD computer program. The students will learn how to draw using the computer as well as manually. Orthographic projection and visualization will be heavily covered. Some designing will be done. This class is for blueprints that deal with welding, machining and fabrication of parts.

Blueprint Reading - Advanced - 1/2 Credit - 2nd Semester

Prerequisite: Blueprint Reading - Introductory

A more in-depth look at engineering blueprints. The program AutoCAD will still be used, but the prints will be more intricate and detailed. The students will draw and design more detailed parts, as well as learning more about the AutoCAD program.

Computer Art and Animations - 2D - 1/2 Credit - 1st Semester

Prerequisites: Knowledge in basic computer operation.

Combine artistic abilities with modern technology using the computer to develop artwork. During this course, you will create and edit professional computer graphics through hands-on projects. Design a T-shirt masterpiece. Create illustrations for a calendar. How about designing your own senior pictures! Continue your exploration as you use Flash to create a music video. The world is at the click of a button. Various software packages will be used.

Computer Art and Animations - 3D - 1/2 Credit - 2nd Semester

Prerequisite: Computer Art and Animations –2D

A continuation of Beginning Computer Art & Animations. This course is composed of projects with emphasis on computer animation. In Advanced Computer Art 7 Animations, you will learn the skills of web developers using Macromedia Flash. Take these skills to really make your site stand out! To add to your computer experience, you will begin creating and animating in 3-D! You will learn Animation Master, the same software used by professional animators to create characters. Get a jump-start on that game you are designing.

Microsoft Office I - 1/2 Credit - 1st Semester

Besides becoming more comfortable with navigating the computer and file management, students will participate in hands-on demonstrations/activities to learn the features and tools of the software program Microsoft Office Word. The purpose of this courses is to earn the industry certifications for Word 2013 and 2016. Microsoft Office I is a pre-requisite to Microsoft Office II.

Microsoft Office II– 1/2 Credit - 2nd Semester

Pre-requisite: Microsoft Office I

Continuing from the knowledge gained in Microsoft Office I, students will participate in hands-on demonstrations/activities to practice the differences found in Microsoft Office PowerPoint and Excel. The purpose of this class is to earn the industry certifications for PowerPoint 2013 and 2016 as well as for Excel 2016.

Health - 1/2 Credit - 1st Semester

This Health course is only for students who are deficient ½ credit in Health for high school graduation. This course requires prior approval from the Pioneer Guidance staff.

Physical Education - 1/4 Credit - 1st or 2nd Semester

Physical education is only for students who are deficient in credits in Physical Education for high school graduation. Must have Guidance Department approval

Skills for Living I - 1/2 Credit - 1st Semester

Are you interested in personal development? This class is designed to help you grow into a physically and emotionally healthy adult. Topics Include self-esteem and identity; interpersonal communication and listening skills; values clarification; decision making and goal setting; drug/alcohol aware- ness education; stress management; dealing with diversity. Learning strategies include team activities and discussions, note-taking, videos, critical thinking and writing, student presentations, outside speakers, journal writing, and energizers.

Skills for Living II - 1/2 Credit - 2nd Semester

This class is a continuation of Skills for Living (Action) I. Topics include alcoholism/alcohol abuse and effects; friendship and dating; functional/dysfunctional relationships; living on your own; marriage and family; suicide prevention; grieving; anger/conflict management. The same learning strategies are used and also include a "flour baby/baby think it over" project.

Owning Your Own Business - 1/2 Credit - 1st semester

This course will cover the organization and management of owning a small business. Topics will include discovering the world of entrepreneurship, examining entrepreneurship as a career, using your creativity, analyzing markets and competitors, planning a new enterprise, marketing the product or service, obtaining financing and preparing the financial plan. Students will be required to solve business problems and develop a business plan.

Personal Finance - 1/2 Credit - 2nd Semester

Living in the U.S.A. brings with it special privileges such as buying a car, splurging on nifty clothes, buying food and/or junk food, renting an apartment or buying a home. Along with all the good things, come a few of the responsibilities like obtaining credit, buying insurance, paying taxes, and the biggie-BUDGETING!

Do you know how to write checks and balance a checkbook? Do you understand the process for obtaining a loan or performing credit transactions? This course will cover those topics and more. It is aimed at helping you learn how to manage your personal affairs and to make decisions that are consistent with your values and deeds so that you can get the most for your money.

Online Courses through Edgenuity - 1/2 Credit or 1 Credit - 1 Semester to Full Year

Entrance into these courses requires prior approval of your guidance counselor. These courses are based on a student's needs and requires some independent study and self-discipline. For a list of available courses, see your guidance counselor.