

BUCHHOLZ COURSE CATALOG

2022-2023

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ACADEMY OF ENTREPRENEURSHIP

Are you ready for the future? In the Academy of Entrepreneurship, you will learn to become a life-long learner and become prepared with the knowledge and skills demanded by YOUR, future. You will learn how to be entrepreneurial and how to think outside of the box. You will learn to think globally and seize the opportunities the world offers YOU.

PRINCIPLES OF ENTREPRENEURSHIP (Offered 9. One year. Prerequisite: Acceptance into the Academy.)

Learn basic principles of entrepreneurship, including studies in business ethics, marketing, financing, management, and personal financial skills. Cooperative learning is emphasized through writing an innovation plan and Integrated Marketing Campaign; enrichment includes field trips, guest speakers, DECA projects, and Junior Achievement "Career Success" program.

BUSINESS MANAGEMENT AND LAW (Offered 10. One year. Prerequisite: Principles of Entrepreneurship. Honors weighted course.)

Builds essential foundation of business management techniques and operations, including human relations, decision making, communication techniques, business law, free enterprise system, contracts, negotiable instruments, and agency. Enrichment includes guest speakers, DECA projects, Junior Achievement "Personal Finance". Articulation agreement with Santa Fe College upon completion of project and passing score on exam. Industry certifications earned in this class.

BUSINESS OWNERSHIP (Offered 11. One year. Prerequisites: Business Management & Law and instructor approval. Honors weighted course.)

Prepares students for entrepreneurial careers and allows them to realistically evaluate the knowledge necessary to start and operate a business. Topics include business plans, entrepreneurship as a career option, money-management strategies, leadership and teamwork, professional ethics and legal responsibilities. Teamwork is emphasized; enrichment includes DECA projects, leadership conferences, Junior Achievement "Company" program and Virtual Enterprise.

MARKETING EDUCATION – DIRECTED STUDY (Offered 12. One year. Prerequisites: Students must have completed or be near completion of the Academy Program and must have approval of the director.)

Reinforces the concepts necessary to manage and operate the school-based store or project management, including management, marketing, equipment operations, inventory management, human relations, advertising and sales, promotion, customer service, and financial records. Students work closely with the business community to develop new products and services.

MARKETING ON-THE-JOB (OJT) TRAINING

(Offered 11, 12. Prerequisites: Students must have completed or be near completion of the Academy Program and must have approval of the director.) Reinforces competencies learned in classroom studies through paid, on-the-job training related to instruction in marketing or management.

ACADEMY OF FINANCE

Personal Financial Planning (9th grade) Students develop an awareness of the importance in planning to reach short- and long-term financial goals. Topics include various types of savings accounts, securities (stocks and bonds), mutual funds, credit, insurance and real estate. Emphasis is on helping the student develop the financial knowledge that they will need throughout their lives. Dave Ramsey's Financial Peace University is part of the class curriculum. Students also become Certified Tax Preparers and working with the United Way VITA program file community members tax returns. *Honors weighting.

Finance & Business Technology (10th grade) Students use state of the art computers and software to create documents, databases and multimedia presentations commonly used in business. Oral and written communications and business etiquette are explored. The second semester focuses on spreadsheets and their application in business. Students earn 3 college credits upon passing Certification in Microsoft Word, PowerPoint and Excel. Other certifications may also be a choice for students. *Honors weighting.

Economics and Financial Services/AP Micro-Macroeconomics (11th grade) Students taking the AP Micro/AP Macro class studies center around preparation for the Advanced Placement exam in microeconomics and macroeconomics. Economics and Financial Services students learn about economics, banking and credit. The Economics and Financial Services class operates the Bobcat Branch, a branch of the Florida Credit Union, on our campus. A brief introduction to international finance caps off the year. Up to 6 college credits can be earned with the AP Macroeconomics and AP Microeconomics exams. ** AP courses are weighted 1 full point.

Accounting Applications (12th grade) In accounting, students learn the "language" of business. Emphasis is placed on mastering the accounting cycle and focuses on learning to prepare and interpret financial statements. The students end the year learning QuickBooks Online, a widely used accounting software package. 3 college credits can be earned upon earning QuickBooks Online Certification. * Honors weighting.

Financial Internship The financial internship course, typically taken in the summer following the junior year, provides students with the opportunities to demonstrate public relations, communications, and technical skills necessary for employment in the financial services industry. Students may continue their internship through cooperative education (on the job training) as a part-time employee during their senior year.

AEROSPACE SCIENCE

The mission of Air Force Junior Reserve Officer Training Corps (AFJROTC) is to "Develop citizens of character dedicated to serving their nation and community." **AFJROTC is not an USAF accessions program and cadets are never under any obligation to join the military.** AFJROTC is a Title 10 US Code mandated citizenship training program that is designed to educate and train high school cadets in citizenship, promote community service, instill personal responsibility, character, and self-discipline. The program achieves this through classroom education in air and space fundamentals and hands on learning opportunities in a number of fun and challenging extra-curricular activities.

AFJROTC cadets who choose to continue their education may receive special consideration for Air Force Reserve Officer Training Corps scholarships. Many of these scholarships will pay for two, three, or four years of tuition, books, and fees at numerous universities and colleges and allow cadets to pursue studies in various technical and non-technical majors.

In addition, cadets electing to enter the military immediately after graduating from high school are eligible to enlist in the services at one to two pay grades higher than other enlistees. Students completing three years in AFJROTC are eligible to enter the Air Force two pay grades higher than other enlistees.

Aerospace science comprises 40 percent of the curriculum, leadership education 40 percent, and health and wellness for life training 20 percent. All students who successfully complete AFJROTC classes are granted credit which can take the place of their HOPE (PE) and/or Performing/Fine Arts, and/or electives requirements toward graduation.

AEROSPACE SCIENCE I (Offered 9, 10, 11, 12. One Year. Prerequisite: None.) Study includes historical development of flight and role of military from ancient legends to space exploration. Role of military throughout history of the U.S. is also identified. The final portion of the course discusses the makeup of aerospace community and US Air Force. The leadership component includes study habits and time management, care of uniform, and US Air Force customs and courtesies. Basic drill skills are also introduced.

AEROSPACE SCIENCE II (Offered 10, 11, 12 One year. Prerequisite: Aerospace Science I.) Study begins learning about the science behind flying and moves on to the aerospace environment, which includes the atmosphere and weather, followed by studying physiological limitations of human flight and concluding with discussions of the scientific principles of power and flight and learning basic flight navigation skills. The leadership component stresses communications skills and cadet corps activities including holding positions of greater

responsibility within cadet corps, writing reports, and making oral presentations

AEROSPACE SCIENCE III (Offered 11, 12. One year. Prerequisite Aerospace I, and II.) Discusses the basic principles of astronomy and space, the fundamentals of rocketry and its application to spacecraft, principles

underlying space travel, and various aspects of space exploration. The leadership component continues emphasis on written and oral communication skills. Basic management skills, leadership skills, and citizenship are introduced. Third year cadets put these skills into practice by holding key leadership positions in cadet corps.

Course Name	Sem (S) Year (Y)	Grade Levels	Prerequisite
Aerospace Science I	Y	9,10,11,12	
Aerospace Science II	Y	9, 10,11,12	
Aerospace Science III	Y	11,12	Aerospace Science I & II
Aerospace Science IV	Y	11,12	Aerospace Science III

AEROSPACE SCIENCE IV (Offered 12. One year. Prerequisite: Aerospace III. Cadet must be qualified to hold a cadet staff position as determined by the AFJROTC Instructors.) Emphasizes leadership and communication skills. Senior cadets form the AFJROTC cadre and are charged to organize, plan, and execute all extracurricular aspects of the program. Top level cadet corps jobs provide a laboratory to experiment with newly learned leadership and management skills. Students are placed in AS I or AS II classes to lead, train, and mentor first and second year students.

DIGITAL MULTIMEDIA

DIGITAL MULTIMEDIA I, II, III, IV (Offered 9, 10, 11, 12.)

A project-based course that introduces students to the basics of digital creation using the Adobe Creative Cloud suite of software. In each subsequent level of the course, students will learn graphic design, illustration, photography, animation, video editing, special effects, and web development. These professional skills are highly sought after in the job market and will make students more employable, as well as developing skills that will aid them in academic projects throughout high school and college. Students may earn industry-recognized professional certification from Adobe in each application. Absolutely no prior computer or design experience is required.

Course Name	Sem (S) Year (Y)	Grade Levels	Prerequisite
DIGITAL MULTIMEDIA I-IV	Y	9,10,11,12	

AP COMPUTER SCIENCE PRINCIPLES (Offered 9, 10, 11, 12)

This course helps students understand how computing and technology influence the world around them. Students will be introduced to programming in JavaScript and discover how to build digital projects, such as games and apps, to address real-world issues in the same way writers, programmers, engineers, and designers do. Students will also discuss topics in computer science that impact their daily lives, such as how the internet works, and how digital data is stored, transmitted, and secured. This course develops skills that will be essential in all career fields. No computer or programming experience is required.

Course Name	Sem (S) Year (Y)	Grade Levels	Prerequisite
AP COMPUTER SCIENCE PRINCIPLES	Y	9,10,11,12	Algebra I

APPLIED ENGINEERING TECHNOLOGY

APPLIED ENGINEERING TECHNOLOGY I (Offered 9, 10, 11, 12. One year. Prerequisite: None.) This course helps students understand the field of engineering/engineering technology and prepares them for postsecondary engineering programs by developing a more in-depth mastery of the associated mathematics, science, and technology knowledge and skills. The course also includes essential concepts of technology and design, as well as concerns about the social and political implications of technological change. Certification in Fusion 360.

APPLIED ENGINEERING TECHNOLOGY II (Offered 10, 11, 12. One year. Prerequisite: Grade of C or higher in AET 1) This course provides students with opportunities to further their mastery of engineering-related math and science principles to design solutions to real world problems. The course also includes a more in-depth look into the relationship between technology and design. Certification in Inventor.

DRAMA

THEATRE I- (Offered 9, 10, 11, 12. One Year. Prerequisite: None, this is an entry level course) This course is designed for students with little or no theatre experience, and promotes enjoyment and appreciation for all aspects of theatre. Classwork focuses on the exploration of theatre literature, performance, historical and cultural connections, and technical requirements. Improvisation, creative dramatics, and beginning scene work are used to introduce students to acting and character development. Incorporation of other art forms in theatre also helps students gain appreciation for other art forms, such as music, dance, and visual art. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

ACTING I (Offered 9, 10, 11, 12. One Year. Prerequisite: None) Through improvisation, simple scripted scenes, performance projects, and/or practical application, students learn to identify what makes performances believable and explore the tools used to create, articulate, and execute them. Upon completion of this course, students have a strong foundation for future scene work, script analysis, and play production. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

THEATER, CINEMA AND FILM PRODUCTION-(Offered 9, 10, 11 and 12 One year and No Prerequisite) In Theatre, Cinema, and Film Production, a one-credit course, students explore the elements of film and cinematic techniques used by those who create movies. Students study the techniques in film that serve the story and articulate the theme. Students also will do a series of original films throughout the course of the year. Public performances may serve as a resource for specific instructional goals. Students may be required to attend or participate in technical work, rehearsals, and/or film production beyond the school day to support, extend, and assess learning in the classroom.

TECHNICAL THEATRE DESIGN AND PRODUCTION I- (Offered 9, 10, 11, 12. One Year. Prerequisite: None, this is an entry level course.) Students focus on developing the basic tools and procedures for creating elements of technical theatre, including costumes, lighting, makeup, properties (props), publicity, scenery, and sound. Technical knowledge of safety procedures and demonstrated safe operation of theatre equipment, tools, and raw materials are central to success in this course. Students explore and learn to analyze dramatic scripts, seeking production solutions through historical, cultural, and geographic research. Students also learn the basics of standard conventions of design presentation and documentation; the organizational structure of theatre production and creative work in a collaborative environment; and the resulting artistic improvement. Public performances may serve as a culmination of specific instructional goals. **

TECHNICAL THEATRE DESIGN, PRODUCTION 4 HONORS/-THEATRICAL DIRECTION AND STAGE MANAGEMENT II HONORS-(Offered 10, 11, 12. One Year per level. Prerequisite: Theater I or Technical Theater 1 and/or Instructor recommendation.) Students focus on and execute the responsibilities of the director, designer, producer and stage manager in relation to the entire production team; the effect of the director's concept on the overall production; techniques used to create an effective theatre work; assembling a prompt book; assembling a cast, production team, and tech crew; effective team-building ensemble skills and communication practices; and successfully planning and running rehearsals leading toward one or more culminating projects. Public performances may serve as a culmination of specific instructional goals. **

THEATRE III and IV HONORS- (Offered 11, 12. One year per level. Prerequisite: Theater I and/or Instructor approval.) This course is designed for students with significant experience in theatre, and promotes depth of engagement and lifelong appreciation for theatre through a broad spectrum of teacher-assigned and self-directed study and performance. Students regularly reflect on aesthetics and issues related to and addressed through theatre, and create within various aspects of theatre in ways that are progressively more innovative. In keeping with the rigor expected in an accelerated setting, students assemble a portfolio that showcases a significant body of work representing personal vision and artistic growth over time; mastery of theatre skills and techniques in one or more areas; and evidence of significant oral and written analytical and problem-solving skills based on their structural, historical, and cultural knowledge. **

ACTING 4 HONORS (May be combined with Theater 3 and 4 Honors by teacher recommendation)

Students create characters for theatrical and film/video productions through scene, character, and technical analysis. Through improvisation, script writing, and aesthetic creation and collaboration, actors refine their working knowledge and independent thought, articulating and justifying their creative choices. Students' "critical eye" becomes more developed and significant mastery of artistic choices becomes evident. An inquiry-based capstone project may be required. Public performances may serve as a culmination of specific instructional goals.

**Students will be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

ENGLISH

Course Name		Sem (S) Year (Y)	Grade Levels	Prerequisite
ENGLISH I		Y	9	
ENGLISH I HONORS		Y	9	Teacher Recommendation
PRE-AP ENGLISH I		Y	9	Application & teacher recommendation
ENGLISH II		Y	10	English I
ENGLISH HONORS II		Y	10	Teacher Recommendation
PRE-AP ENGLISH II		Y	10	Teacher Recommendation
ENGLISH III		Y	11	English II
ENGLISH III HONORS		Y	11	Teacher recommendation
AP ENGLISH LANGUAGE AND COMPOSITION		Y	11	Teacher recommendation
ENGLISH IV		Y	12	English III
ENGLISH IV HONORS		Y	12	Teacher recommendation
AP ENGLISH LIT & COMPOSITION		Y	12	Teacher Recommendation

DEBATE 1 (Offered 9, 10, 11, 12. One year.) This course is focused on the use of correct and effective language and organizational skills in preparing, delivering, and evaluating argument and debate. Students will critique debates, paying attention to content, organization, language, and delivery style, and produce and present well-structured, developed arguments, applying oral communication concepts and strategies for public debate in a variety of given settings.

READING (Offered 9, 10, 11, 12. One year. Prerequisite: Reading deficiency.) Support class for students scoring level I or II on state reading assessments. Provides reading support and instruction in vocabulary, comprehension, fluency, study skills, and test-taking skills.

ENGLISH I – (Offered 9. One year. Prerequisite: None). English I prepares students to master the core competencies for ninth grade in language arts. The course follows the pacing guides for Alachua County Schools and emphasizes grammar, vocabulary, writing, and reading strategies. Preparation for the FSA Reading Test is emphasized.

ENGLISH HONORS I (Offered 9. One year. Prerequisite: Recommendation of eighth grade English teacher.) English I Honors prepares students for the demands of advanced placement college preparatory courses. Students are expected to complete major reading and composition assignments outside of class. Reading strategies for comprehending difficult texts are emphasized as well as grammar, vocabulary and composition for the college bound student. Summer reading is tested the first week of school.

PRE-AP ENGLISH I (Offered 9. One year. Prerequisite: Application and acceptance into Pre- AP English program.) The Pre-AP English I course prepares highly self-motivated learners for the rigors of advanced placement English courses. Students are required to read and analyze challenging texts independently. Students are expected to have mastered the foundations of composition and grammar prior to entering ninth grade. Summer reading is tested the first week of school.

ENGLISH II (Offered 10. One year. Prerequisite: English I.) Focus is for students to become skillful in expository and persuasive writing. Students are prepared for state reading and state writing assessments. Curriculum is taught using textbook, supplemental material, and assigned novels (read independently). No summer reading is required.

ENGLISH II HONORS (Offered 10. One year, Prerequisite: C or better in English Honors I or Pre-AP English I and teacher recommendation) Advanced course for motivated students whose skills are not yet at AP level. Students are taught critical thinking in major works and world literature. The writing component includes expository, persuasive, and analytical documented literary papers. Some state test preparation is included. Summer reading is tested the first week of school.

PRE AP ENGLISH II (Offered 10. One year. Prerequisites: Pre AP English I or English Honors I and teacher recommendation.) Geared to highly motivated students. Critical reading and analysis of European/World literary works are required both in class and independently. Strong emphasis on writing, especially persuasive and expository, including documented papers. Summer reading required.

ENGLISH III (Offered 11. One year. Prerequisite: English II.) Literature study focuses on major American works. Composition emphasizes multi- paragraph papers. Vocabulary study and speaking experiences are included. A documented paper is required. Summer reading is tested the first week of school.

ENGLISH III HONORS (Offered 11. One year, Prerequisite: C or better in English Honors II or Pre-AP English II and teacher recommendation) Advanced course for motivated students whose skills are not yet at AP level. Students are taught critical thinking in major American works. Summer reading is tested the first week of school.

AP ENGLISH LANGUAGE AND COMPOSITION (Offered 11. One year. Prerequisites: Pre-AP English II or English Honors II and teacher recommendation.) Critical reading and analysis of major literary works take place, both in class and independently. Extensive reading and writing are required, including documented papers and a major research project. Formal and informal speaking activities occur. Prepares students for the AP Language/Composition Exam. Summer reading is tested the first week of school.

ENGLISH IV: COLLEGE PREP (Offered 12. One year. Prerequisite: English III.) Emphasizes reading and writing for college and vocational experience. A documented paper is required. Short non-fiction and some longer works may be included.

ENGLISH IV HONORS (Offered 12 One year, Prerequisite: C or better in English Honors III or Pre-AP English III and teacher recommendation) Advanced course for motivated students whose skills are not at AP level. Students are taught critical thinking in major works and European literature. Summer reading is tested the first week of school.

AP LITERATURE AND COMPOSITION (Offered 12. One year. Prerequisites: AP Language and Composition or English III and teacher recommendation.) A college level course that emphasizes interpretation of world literature in preparation for the AP Exam. Topics include writing instruction for analysis and interpretation, and persuasion. Documented papers are required. Student will get help with college essays as well as access to college recommendation letters. Students will be prepared for writing in future college classes. Students who perform successfully on the AP exam may receive college credit from participating colleges in English and Humanities. Summer reading is tested the first week of school.

EXCEPTIONAL STUDENT EDUCATION

The philosophy at Buchholz is to mainstream students as much as possible into regular classes, while simultaneously providing support and/or remedial services. Each ESE student's program is designed to the needs of the individual student and is outlined in the student's Individual Education Plan (IEP). These services are monitored by the student's case manager who is responsible for assuring the individual is progressing in all areas and offering support and guidance to the individual and their family as needed throughout their high school career in the public-school system. Every student with an Individual Exceptional Plan (IEP) transitions from class to class. Course offerings are dictated by student need and are subject to change each school year.

The following courses are typically offered every school year at BHS for our ESE students:

*subject to change without notice

<u>Co-Teach Classes:</u>	<u>ESE Classes:</u>
<p>•English Language Arts (ELA): -English 1 -English 2</p> <p>•Mathematics: -Algebra 1</p> <p>•Science: -Biology -Environmental Science</p> <p>•Social Studies: -Economics -Government -US History -World History</p>	<p>•ESE Electives: -Learning Strategies (Standard Diploma) -HOPE (students on Access Points only)</p> <p>•English Language Arts (ELA): -English 1 -English 2 -English 3 -English 4</p> <p>•Mathematics: -Algebra 1 -LAM -Geometry -Financial Algebra</p> <p>•Science: -Biology -Environmental Science</p> <p>•Social Studies: -Economics -Government -US History -World History</p>

FOREIGN LANGUAGE

Spanish 1 This course introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.

Spanish 2 This course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in Spanish 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued.

Spanish 3 Honors This course provides mastery and expansion of skills acquired by the students in Spanish 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people.

AP Spanish Language and Culture This course is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.

AP Spanish Literature and Culture This course is equivalent to a college level introductory survey course of literature written in Spanish. Students continue to develop their interpretive, interpersonal, and presentational skills in Spanish language as well as critical reading and analytical writing as they explore short stories, novels, plays, essays, and poetry from Spain, Latin America, and U.S. Hispanic authors along with other non-required texts.

German 1 This course introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.

German 2 This course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in German 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued.

German 3 Honors This course provides mastery and expansion of skills acquired by the students in German 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people.

German 4 Honors Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes, including writing. Reading selections are varied and taken from the target language newspapers, magazines, and literary works.

LEADERSHIP

9th Leadership Skills Development (2400300) The purpose of this course is to teach leadership skills, parliamentary procedure, problem solving, decision making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes.

10th Leadership Techniques Honors (2400310) This course will provide an in-depth study of the leadership techniques of decision making, problem solving, meeting skills, communication, group conflict reduction, time and stress management, evaluation, team building, group dynamics, motivational strategy, data collection for project needs, evaluation of community organizations, purpose of local government, and the role of leadership in a democratic society.

11th Leadership Strategies Honors (2400320) The purpose of this course is to provide formative opportunities to build on skills acquired in the *Leadership Techniques* course, including meetings skills, communication skills, motivational strategies, character development, group dynamics, community relations, data collection for project needs, evaluation of community organizations, purpose of local government, community service and personal and civic responsibility.

12th Approaches to Leadership Honors (2400330) This course facilitates summative application of leadership skills formed in *Leadership Strategies*, emphasizing organizational management, goal-setting, communication with varied audiences, peer mediation, citizenship, data collections and analysis, conflict resolution, healthy decision-making, assertiveness, and meeting skills, stress management and strategies for self-reflection.

MATHEMATICS

Course Name	Sem (S) Year (Y)	Grade Levels	Prerequisite
ALGEBRA I	Y	9,10,11,12	
ALGEBRA I HONORS	Y	9,10,11,12	Teacher Recommendation
MATHEMATICS FOR COLLEGE LIBERAL ARTS	Y	9, 10, 11, 12	Teacher Recommendation
ALGEBRA II	Y	9,10,11,12	Teacher Recommendation
ALGEBRA II HONORS	Y	9,10,11,12	Teacher Recommendation
GEOMETRY	Y	10,11,12	Teacher Recommendation
GEOMETRY HONORS	Y	9,10,11,12	Teacher Recommendation
HONORS PRECALCULUS	Y	11,12	Teacher Recommendation
AP PRECALCULUS	Y	10,11,12	Teacher Recommendation
AP CALCULUS AB	Y	11,12	Teacher Recommendation
AP CALCULUS BC	Y	12	Teacher Recommendation
AP STATISTICS	Y	10,11,12	Teacher Recommendation
HONORS STATISTICS	Y	11, 12	Teacher Recommendation
AP COMPUTER SCIENCE A	Y		Teacher Recommendation
DISCRETE MATH HONORS	Y		Teacher Recommendation

ALGEBRA 1-A (Offered 9, 10, one year) Instructional time will emphasize four areas: (1) extending understanding of functions to linear functions and using them to model and analyze real-world relationships; (2) solving linear equations and inequalities in one variable and systems of linear equations and inequalities in two variables; (3) building linear functions, identifying their key features and representing them in various ways and (4) representing and interpreting categorical and numerical data with one and two variables.

ALGEBRA I (Offered 9,10,11,12. One year. Prerequisite: teacher recommendation.) Structure and properties of the real number system, solving and graphing linear equations and inequalities, systems of equations and inequalities, exponents, factoring, quadratic equations, and problem solving.

ALGEBRA I HONORS (Offered 9,10,11,12. One year. Prerequisite: Teacher recommendation.) Provides rigorous and in-depth study of first year algebra. Includes all topics of Algebra I. Emphasizes deductive reasoning skills.

MATHEMATICS FOR COLLEGE LIBERAL ARTS (Offered 9, 10, 11,12) One year. Prerequisite: instructional time will emphasize five areas: (1) analyzing and applying linear and exponential functions within a real-world context; (2) utilizing geometric concepts to solve real-world problems; (3) extending understanding of probability theory; (4) representing and interpreting univariate and bivariate data and (5) developing understanding of logic and set theory.

ALGEBRA II (Offered 9,10,11,12. One year. Prerequisite: C or above in Algebra I.) Continued study of structure of algebra. Includes quadratics, logarithms, system of equations and inequalities, and complex numbers.

ALGEBRA II HONORS (Offered 9,10,11,12. One year. Prerequisite: B or above in Algebra I Honors or teacher recommendation.) In-depth study of Algebra II with emphasis on theory.

GEOMETRY (Offered 10, 11, 12. One year. Prerequisite: C or above in Algebra II, or B or above in Algebra I and concurrent with Algebra II.) Includes Euclidean geometry of lines, planes, angles, polygons, circles, congruence, similarity, area and volume, and formal proofs.

GEOMETRY HONORS (Offered 9,10,11,12. One year. Prerequisite: C or above in Algebra II Honors, A or B or above in Algebra I Honors and concurrent with Algebra II Honors and teacher recommendation.) In-depth study of geometry with emphasis on methods of formal proofs and developing analytical thinking skills

AP COMPUTER SCIENCE A (Offered 11, 12. Teacher recommendation) Computer Science A emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development and is meant to be the equivalent of a first-semester course in computer science. It also includes the study of data structures and abstraction.

HONORS PRE-CALCULUS (Offered 11, 12. One year. Prerequisites: C or above in Algebra II and Geometry.) Study of linear, polynomial, and rational functions and their graphs; complete course in trigonometry; study of conic sections.

AP PRE-CALCULUS (Offered 10, 11, 12. One year. Prerequisites: B or above in Algebra II Honors and Geometry Honors.) Preparation for calculus. In-depth study of: Polynomial and Rational Functions, Exponential and Logarithmic Functions, Trigonometric and Polar Functions and Functions Involving Parameters, Vectors, and Matrices

ADVANCED PLACEMENT CALCULUS AB (Offered 11, 12. One year. Prerequisite: B in Pre-Calculus or Pre-Calculus Special or teacher recommendation.) Meets the rigorous curriculum demands of the Advanced Placement Calculus Examination and the first semester of college calculus.

ADVANCED PLACEMENT CALCULUS BC (Offered 12. One year. Prerequisite: B in Pre-Calc Special or teacher recommendation.) Meets the rigorous curriculum demands of the Advanced Placement Calculus Examination and meets the curriculum for first and second semester college calculus.

MATHEMATICS FOR DATA AND FINANCIAL LITERACY HONORS (Offered 11, 12. One year. Prerequisite: Algebra 1) Course will focus on five areas: (1) extending knowledge of ratios, proportions and functions to data and financial contexts; (2) developing understanding of basic economic and

accounting principles; (3) determining advantages and disadvantages of credit accounts and short- and long-term loans; (4) developing understanding of planning for the future through investments, insurance and retirement plans and (5) extending knowledge of data analysis to create and evaluate reports and to make predictions.

MATHEMATICS FOR COLLEGE ALGEBRA (Offered 12. One year, Prerequisite: Algebra 1 required, Algebra 2 recommended) Course will emphasize five areas: (1) developing fluency with the Laws of Exponents with numerical and algebraic expressions; (2) extending arithmetic operations with algebraic expressions to include rational and polynomial expressions; (3) solving one-variable exponential, logarithmic, radical and rational equations and interpreting the viability of solutions in real-world contexts; (4) modeling with and applying linear, quadratic, absolute value, exponential, logarithmic and piecewise functions and systems of linear equations and inequalities; (5) extending knowledge of functions to include inverse and composition

HONORS STATISTICS (Offered 12, one year. Prerequisites: Alg. II or Geometry) This course is an introduction to probability and statistics with emphasis on techniques and applications that are useful in business, engineering, social and biological sciences. Students taking this course have successfully completed Algebra 2 and are seeking to complete an elective college prep math course.

ADVANCED PLACEMENT STATISTICS (Offered 10, 11, 12. One year. Prerequisite: Algebra II Honors or above, or Geometry or above.) Introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Topics include exploring data, planning a study, anticipating patterns, and statistical inference. Students who successfully complete the course and the AP examination may receive credit and/or advanced placement for a one semester introductory college statistics course.

DISCRETE MATH HONORS (Offered 11, 12. One year. Prerequisite: Teacher recommendation) A proof-based class that investigates topics on the discrete domain. Subjects covered include Boolean algebra, number theory, combinatorics, graph theory, and more.

MUSIC

SYMPHONIC BAND (Offered 9-12. One year.) An ensemble of wind and percussion instrumentalists performing traditional wind band repertoire as well as new 20th century compositions. A strong emphasis is placed on the development of fundamental woodwind and brass performance.

WIND SYMPHONY (Offered 9-12. One year. Audition required.) the premier ensemble of the band program comprised of the top instrumentalists at Buchholz High School. Students study both traditional wind band repertoire as well as new 20th century compositions. This ensemble has received the Sudler Flag of Honor by the Sousa Foundation. The Buchholz wind symphony has performed at the American Bandmasters Association convention, the Grand National Adjudicators Invitational, the College Band Directors National Association, the Music for All Festival, and three times at the Midwest Clinic.

PERCUSSION (Offered 9-12. One year.) a class designed exclusively for percussionists. Students will become proficient in the major areas of percussion study including timpani, keyboards, snare drum, auxiliary instruments, hand drums, and drum set. Students are exposed to music of various cultures through percussion ensembles and solo literature.

JAZZ BAND (Offered 9-12. One year.) This course explores the history, theory, and traditions of the jazz music idiom. A strong emphasis is placed on the development of swing, Latin, bebop, funk, rock, and contemporary styles. Improvisation is an intricate component of this art style. Students will be given guidance and opportunities to develop their improvisation skills. The music of Count Basie, Duke Ellington, Glen Miller, and Thad Jones is studied in depth.

MUSIC OF THE WORLD (Offered 9-12. One year.) Explore Global musical traditions as you explore the function of music in a multitude of cultures and examine the fundamentals, sound, and structure of music to understand how music is representative of the culture it was created in. Get ready to elevate your music knowledge to the next level!

CHORUS (Offered 9-12. One year.) This entry-level class, designed for students with little or no choral experience, promotes the enjoyment and appreciation of music through performance of beginning choral repertoire from a variety of times and places. Rehearsals focus on the development of critical listening skills; foundational instrumental technique and skills, music literacy, and ensemble skills; and aesthetic musical awareness culminating in periodic public performances.

VOCAL ENSEMBLE 1- 4Honors (Offered 9-12. One year.) Students develop basic musicianship and ensemble performance skills through the study of basic, high-quality music in diverse styles. Student musicians focus on building foundational music techniques, music literacy, listening skills, and aesthetic awareness. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

GUITAR (Offered 9-12. One year.) Build your foundation in music skills as you learn music notation, music styles, and full-strum chords. You will play the guitar, learn practice skills, and perform for your teacher throughout the course. No prior music experience is necessary, but you must have your own six-string guitar.

KEYBOARD 1-2 (Offered 9-12. One year each.) Students build fundamental piano techniques while learning to read music, acquire and apply knowledge of basic music theory, and explore the role of keyboard music in history and culture. Beginning pianists develop skills in analytical listening and explore musical creativity in the form of basic improvisation and basic composition.

ORCHESTRA 1 – 6Honors (Offered 9-12. One year each.) Students study and perform high-quality beginning orchestra literature of diverse times and styles. Rehearsals focus on the development of critical listening skills, rudimentary string techniques, music literacy, ensemble skills, and aesthetic awareness. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, rent, purchase) an instrument from an outside source.

AP MUSIC THEORY (Offered 10-12. One year. Teacher recommendation) An introductory college-level music theory course that covers topics such as musicianship, theory, and musical materials and procedures. Musicianship skills, including dictation and listening skills, sight-singing, and harmony, are an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural (listening) skills is a primary objective. Performance is also part of the curriculum through the practice of sight-singing. Students learn basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized.

NUTRITION AND FOOD SCIENCE

NUTRITION & WELLNESS (Offered 9, 10, 11, 12. One semester. Prereq: None.) Introduction to basic nutrition, including food nutrient groups and food, selection for personal growth and development; special needs; eating disorders; meal planning; buying and storing food items; food, energy, resource conservation; meal management, kitchen plans, equipment and utensil selection, use and care; table setting and meal service; safety and hygiene; dining, etiquette, career opportunities.

PRINCIPLES OF FOOD PREPARATION (Offered 9,10,11,12. One Semester. Prerequisite: Nutrition and Wellness.) Includes instruction in food preparation principles and techniques; terminology; planning, preparation, and presentation of food through laboratory activities; career opportunities in food preparation.

Students have opportunity for Industry Certifications: Servsafe and Food Safety Manager

Course Name	Sem (S) Year (Y)	Grade Levels	Prerequisite
NUTRITION AND WELLNESS	S	9,10,11,12	
PRINCIPLES OF FOOD PREPARATION	S	9,10,11,12	Nutrition and Wellness
FOOD SCIENCE	Y	10,11,12	Servsafe certification and teacher approval

PHYSICAL EDUCATION

BASKETBALL (Offered 9-12. One year.) The purpose of this course is to provide instruction of the fundamental skills, tactics, rules and etiquette in basketball. Introduction to systems of play will be included to enhance the student's understanding.

WEIGHT TRAINING (Offered 9-12. One year.) The purpose of this course is to develop the physical skills necessary to be competent in many forms of movement as it relates to weight training. The integration of fitness concepts throughout the content is critical to the success of this course.

PERSONAL FITNESS/TEAM SPORTS (Offered 9-12. One year. MEETS PE REQUIREMENT FOR GRADUATION*) The purpose of this course is to provide students with the knowledge, skills, and values they need to become healthy and physically active for a lifetime. This course addresses both the health and skill-related components of physical fitness which are critical for students' success. In the second half of this course students will develop the physical skills necessary to be competent in many forms of movement, knowledge of team sports concepts such as offensive and defensive strategies and tactics, and appropriate social behaviors within a team or group setting. The integration of fitness concepts throughout the content is critical to the success of this course.

SCIENCE

Course Name	Sem (S) Year (Y)	Grd Lvls	Prerequisite
ANATOMY AND PHYSIOLOGY	Y	11,12	“C” in Biology I
ANATOMY AND PHYSIOLOGY HONORS	Y	11,12	“A” or “B” in Bio. I or Bio. I Honors. Pre-Co-req: Chemistry I
BIOLOGY I	Y	10	Pass 9 th grade Science
BIOLOGY I HONORS	Y	10	Teacher recommendation
AP BIOLOGY	Y	10, 11, 12	“B” in all Science. Suggested Co-req: Chemistry
MARINE BIOLOGY	Y	11,12	Pass Biology
MARINE BIOLOGY HONORS	Y	11, 12	C in Bio or Bio Honors
CHEMISTRY I	Y	11,12	“B” in Bio. I or Bio I Honors and “C” in Algebra I
CHEMISTRY I HONORS	Y	11,12	“A” or “B” in Bio. Honors with “A” in Algebra I OR “A” or “B” in Algebra I Honors
AP CHEMISTRY	Y	11,12	“A” in Chemistry I or “in Chem. Honors; No “C” or below in any math and Teacher Approval
ENVIRONMENTAL SCIENCE	Y	9	
ENVIRONMENTAL HONORS	Y	9	
AP ENVIRONMENTAL SCIENCE	Y	9,10, 11,12	Algebra I Honors
AP PHYSICS 1 and 2	Y	10, 11,12	Pre-req B in Alg II Hon or Geo Hon and teacher recommendation
AP PHYSICS C	Y	11,12	Pre-reqs: AP Phys I and Calc AB

ANATOMY AND PHYSIOLOGY (Offered 11, 12. One year. Prerequisite: C or above in Biology I) Lab science course for students who are interested in learning about the basic structure and function of the human body. This course will cover the anatomy and physiology, the common disease processes and disorders of all body systems, as well as how to maintain good health of each system.

ANATOMY AND PHYSIOLOGY HONORS (Offered 11, 12. One year. Prerequisite: A or B in Biology I or Biology I Honors.) Provides students with a faster-paced, more in-depth look into Anatomy and Physiology and is geared for students who would like to pursue health care at a four-year university. It will cover the anatomy and physiology, the common disease processes and disorders of all body systems, as well as how to maintain good health in each system and the technology used in diagnosis and treatment of disease. Connections will be made between the various body systems and cellular processes learned in Biology and basic principles of Chemistry.

BIOLOGY I (Offered 10. One year. Prerequisite: Pass ninth grade science.) Provides general exploratory experiences and activities in fundamental concepts of life. Includes scientific method, cell biology, genetics, biological changes through time, classification, microbiology, plants, animals, and ecology. Laboratory investigations are an integral part of the course. Course has EOC exam.

BIOLOGY I HONORS (Offered 10. One year. Prerequisite: teacher recommendation.) Comprehensive study of living things. Lab- based class that explores LIFE and LIVING ORGANISMS, including structure, function, growth, origin, evolution, distribution, and taxonomy. Units covered include Biochemistry, Cytology, Cellular Processes, Genetics, and Ecology. Personal health is emphasized throughout the course. Course has EOC exam.

ADVANCED PLACEMENT BIOLOGY (Offered 10, 11, 12. One year. Prerequisite: Science teacher recommendation; cumulative B average in all science classes; Suggested co-requisite: Chemistry I, Chemistry I Honors, or Anatomy and Physiology). College- level course in biology. Curriculum will challenge independent thinkers as it covers four big ideas: Evolution; Growth and Reproduction; Response to Stimuli; and Interaction to Biological Systems. Essential knowledge for each big idea ranges from the cellular level all the way to habitats and ecosystems. Emphasis on science practices and designing testable explanations— laboratories are mandatory.

MARINE BIOLOGY (Offered 11,12. One year. Prerequisite: Pass biology. Provides and overview of the ocean and the habitats within. Examines the function of the ocean, how it relates to the life of humans and the organisms that are found in the sea. Course has a laboratory component

MARINE BIOLOGY HONORS (Offered 11 12. One year. Prerequisite: C in Bio or Bio honors. Suggested co-requisite: Chemistry I) A detailed study of the world's oceans. Lab based class that studies waves, tides, ocean energy, the sea floor, oceanic habitats, and animal diversity. Units covered include ocean environment, the organisms of the sea, structure and function of marine ecosystems and humans and the sea.

ENVIRONMENTAL SCIENCE (Offered 9th One year.) Learn about environmental issues at the local, state, regional, and global levels. Exercise critical thinking skills on topics ranging from agriculture, industry, and pollution, to human population growth and development, invasive species, and climate change.

ENVIRONMENTAL SCIENCE HONORS (Offered 9th One year.) Rigorous, in-depth study of environmental issues at the local, state, regional, and global levels. Exercise critical thinking skills on topics ranging from agriculture, industry, and pollution, to human population growth and development, invasive species, and climate change.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE (Offered 9, 10, 11, 12. One year. Prerequisite: Algebra I Honors.) A rigorous, college-level science course that stresses both the application of scientific principles and analysis of the environment that surrounds us. Includes topics of Chemistry, Thermodynamics, Ecosystems, Biodiversity, Biomes, Food Production, Geology, Solid and Hazardous Waste, Air and Water Pollution and Global Warming. Independent labs, essays, and projects are required. Having a strong science and writing background is essential to your success in this course. Upon successful completion of this course, students will take the College Board Exam (AP Test), and if passed, may receive college credit of 3 credit hours.

CHEMISTRY I (Offered 10, 11, 12, One year. Prerequisites: C or above in Algebra I or recommendation from 9th grade teacher.) Classifications and structures of matter, atomic theory, periodic table, bonding, chemical formulas and reactions, balanced equations, behavior of gases, physical changes, acids, bases and salts, and energy associated with physical and chemical changes.

CHEMISTRY I HONORS (Offered 10, 11, 12. One year. Prerequisites: A in Algebra I, or B or above in Algebra I Honors or recommendation from 9th grade teacher.) Rigorous, in-depth study of matter and energy, its form and interactions. Laboratory investigations are an integral part of the course.

ADVANCED PLACEMENT CHEMISTRY (Offered 11,12. One year. Prerequisites: A in Chemistry I or B in Chemistry I Honors and teacher recommendation.) A college- level chemistry class. Studies include matter and energy from several directions. Labs are more extensive than Honors or Chemistry I and are a required part of this class. Students may take this course by recommendation only. Prepares students seeking credit and/or advanced placement in college chemistry courses. Requires a good work ethic, the ability to comprehend difficult topics, problem solve, and apply knowledge to laboratory results.

ADVANCED PLACEMENT PHYSICS 1 (Previously B) (Offered 10, 11, 12. One year. Prerequisites: B in Algebra II Honors or Geometry Honors and teacher recommendation.) College Board approved physics course covering Newtonian mechanics and fluid mechanics. This course is equivalent to a first-year, algebra-based college physics course. Prepares students for the AP Physics 1 examination. Projects and lab activities are integral to this course.

ADVANCED PLACEMENT PHYSICS 2 (Previously B) (Offered 10, 11, 12. One year. Prerequisites: B in Algebra II Honors or Geometry Honors and teacher recommendation.) College Board approved physics course covering Thermal physics, electricity and magnetism, waves and optics, and modern physics. This course is equivalent to a first-year, algebra-based college physics course. Prepares students for the AP Physics 2 examination. Projects and lab activities are integral to this course.

ADVANCED PLACEMENT PHYSICS C (Offered 11, 12. One year. Prerequisites: Physics 1 and Calculus AB or Co-requisite Calculus BC in place of previous Calculus AB.) College Board approved calculus-based physics course covering Newtonian mechanics, electricity and magnetism. This course is equivalent to a first-year, calculus- based college physics course and is intended for students interested in engineering or the physical sciences. Prepares students for both AP Physics C examinations. Projects and lab activities are integral to this course.

EARTH SPACE SCIENCE (Offered 11, 12 One year, Pre-requisites: Completed biology) Earth and Space Science is a course focusing on the study of space, geologic structures and forces, the waters on our planet, and the atmospheric forces that shape our world. Students will explore the Earth's spheres including the geosphere, hydrosphere, cryosphere, atmosphere and the cycles of the Earth such as the water and carbon cycle. Students will learn about scientific inquiry, geologic time, space exploration, the solar system, and the universe. There is EOC exam for this course.

SOCIAL STUDIES

Course Name	Sem (S) Year (Y)	Grd Lvl	Prerequisite
AMERICAN GOVERNMENT	S	12	
AMERICAN GOVERNMENT HONORS	S	12	Honors Teacher Recommendation
AP AMERICAN GOVERNMENT	S	12	AP Teacher Approval
US HISTORY	Y	11	
US HISTORY HONORS	Y	11	Honors Teacher Recommendation
AP US HISTORY	Y	11	Teacher Recommendation
ECONOMICS	S	12	
ECONOMICS HONORS	S	12	Honors Teacher Recommendation
AP MICROECONOMICS	S	12	AP Teacher Approval
WORLD HISTORY	Y	9	
WORLD HISTORY HONORS	Y	9	Teacher Recommendation
AP WORLD HISTORY	Y	9	Teacher Recommendation
AP EUROPEAN HISTORY	Y	10,11,12	AP Teacher Approval
AP CAPSTONE	Y	10,11	Teacher Approval
AFRICAN-AMERICAN HISTORY	S	10,11,12	
AP PSYCHOLOGY	Y	10,11,12	Teacher Approval
AP HUMAN GEOGRAPHY	Y	10, 11, 12	Teacher Approval

Social Studies allows students the opportunity to explore the past and analyze the present. Students are exposed to the democratic process and its evolution over time, as well as the contributions of past civilizations and their impact on the present. Students examine the economic, social, religious, military, scientific, technical, and cultural events of nations.

US HISTORY (Offered 11. One year. Prerequisite: None.) Be an active participant in the drama that is American History. Starting with Reconstruction to the politics of today's fast-changing world, students will understand the chronological development of the American people. Topics include the political, economic, social, religious, military, scientific, and cultural events that have moved our nation forward.

US HISTORY HONORS (Offered 11. One year. Prerequisite: Recommendation of honors level social studies instructor.) Be an active participant in the drama that is American History. Starting with Reconstruction to the politics of today's fast-changing world, students will understand the chronological development of the American people. Topics include the political, economic, social, religious, military, scientific, and cultural events that have moved our nation forward. Students acquire understanding of historical method, inquiry process, historical reasoning and interpretation.

ADVANCED PLACEMENT US HISTORY (Offered 11. One year. Prerequisite: Approval of an AP instructor.) Develops analytical skills and factual knowledge necessary to deal critically with issues related to America's historical development. Focuses on persistent themes and changes in history. Stresses choices made at certain times in history and how these choices influenced future events.

ECONOMICS (Offered 12. One semester. Prerequisite: None.) Studies way in which society organizes limited resources to satisfy unlimited wants. Provides students with understanding of forces of marketplace by examining the effect of their roles as producers, consumers, savers, investors, resources, owners, voters, and taxpayers.

ECONOMICS HONORS (Offered 12. One semester. Prerequisite: Recommendation of honors level social studies instructor.) Provides comprehensive understanding of way in which society organizes to use limited resources to satisfy unlimited wants. Deals with distinguishing characteristics of other types of economic systems. Provides students with tools to examine and analyze implications of market solutions and public policy decisions related to economic problems.

ADVANCED PLACEMENT MICROECONOMICS (Offered 12. One semester. Prerequisite: Approval of AP instructor.) AP Microeconomics is an introductory college-level microeconomics course. Students cultivate their understanding of the principles that apply to the functions of individual economic decision-makers by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like scarcity and markets; costs, benefits, and marginal analysis; production choices and behavior; and market inefficiency and public policy.

AMERICAN GOVERNMENT (Offered 12. One Semester. Prerequisite: None.) Enables students to acquire an understanding of American government and political behavior. Fosters an understanding of how and why citizens should become involved in politics and government in a democracy.

AMERICAN GOVERNMENT HONORS (Offered 12. One semester. Prerequisite: Recommendation of honors level social studies teacher.) Enables students to develop comprehensive understanding of American government and political behavior. Specific content includes: understanding the concepts and foundations of government; the United States Constitution, powers and duties of the legislative, executive and judicial branches; state and local governments; political participation and influence; and the American legal process.

ADVANCED PLACEMENT AMERICAN GOVERNMENT (Offered 12. One semester. Prerequisite: Approval of AP instructor.) AP US Government is comparable to an entry level college course on US Government and Politics and is organized into five major units: Foundations of American Democracy; Interaction Among Branches of Government; Civil Liberties and Rights; American Political Ideologies and Beliefs; and Political Participation. Students will learn the content and practice the analytical and writing skills necessary for success on the exam and optimally will earn college credit.

WORLD HISTORY (Offered 9, 10. One year. Prerequisites: None.) Studies chronological development of civilization by examining political, economic, social, religious, military, scientific, and cultural events that have affected humanity.

WORLD HISTORY HONORS (Offered 9, 10. One year. Prerequisite: Recommendation of honors level social studies instructor.) Comprehensive study of past, interrelations of change or processes in the history of humanity. Analyzes political, economic, social, religious, military, dynastic, scientific, and cultural events shaping and molding humanity. Gives understanding of historical method, inquiry process, and historical reasoning and interpretations.

ADVANCED PLACEMENT WORLD HISTORY (Offered 9, 10, 11, 12. One year. Prerequisite: Teacher recommendation.) Comprehensive study of past, interpretations of change or process in the history of humanity. Analyzes political, economic, social, religious, scientific, and cultural events shaping and molding human societies. Gives an understanding of historical method, inquiry process, historical reasoning. Requires advanced reading skills.

ADVANCED PLACEMENT EUROPEAN HISTORY (Offered 10, 11, 12. One year. Prerequisite: Approval of AP instructor.) Develops analytical skills and factual knowledge necessary to deal critically with problems, content, and materials of European history. Focuses on persistent themes and change in history by applying historical reasoning to seek solutions to contemporary problems.

ADVANCED PLACEMENT HUMAN GEOGRAPHY (Offered 10, 11, 12. One semester. Prerequisite: None.) Introduces students to the study of human understanding, use, and alteration of the Earth's surface. Students will learn how humans have impacted the Earth and each other. Students will learn about geography, human population, world cultures, how political organizations function, the effects of industrialization, economics, and how cultural landscapes have changed over time. Upon successful completion of this course, students will take the College Board AP Exam.

ADVANCED PLACEMENT PSYCHOLOGY (Offered 10, 11, 12. One year. Prerequisite: Approval of AP instructor.) Provides students with the opportunity to acquire an understanding of human behavior and interactions. Content includes theories and methods employed by psychologists, human growth and development, self-concept development, adjustment, motivation and desire, intelligence, human interaction, conditioning and learning, memory, personality, emotion and frustration, abnormal behavior, stress, mental health, psychological testing, and therapy. Also includes an introduction to the study of human interaction and group behavior. Topics include familial relationships, crowd behavior, and the variations among societies.

AFRICAN AMERICAN HISTORY (10, 11, 12) This course kicks off with a unit in which we explore why we need a course called African American history and debates when this history should begin. We then trace the history forward through the following units: African History; From Africa to the Middle Passage; Slavery and Resistance; Civil War, Emancipation, and Reconstruction; the Jim Crow Era; the Long Movement for Civil Rights; and from Eyes on the Prize to Black Lives Matter. The class is flexible in its approach and features new resources and themes each year, for example, one year we incorporated "Things Fall Apart" and another we incorporated a unit on Racial Violence and participated in a writing contest from the Equal Justice Initiative. Anyone willing to learn is welcome!

ADVANCED PLACEMENT CAPSTONE (offered 10, 11) Are you interested in exploring a real-world problem and arguing in favor of a solution for it? Do you want to learn useful skills that will benefit you in college and beyond? Are you looking for a way to stand out in the college admissions process? If you answered yes to any of these questions then AP Seminar and the Capstone Program may be right for you. AP Seminar is NOT a social studies course but it does incorporate a lot of topics related to social studies, science, technology and a host of other disciplines. In AP Seminar and the Capstone Program you will learn useful skills related to research, argumentation and communications which will help you stand out in the college admissions process. For more information, feel free to e-mail Mr. McNickle. Capstone applications can be found in the front office.

VISUAL ARTS

Course Name	Sem (S) Year (Y)	Grade Levels	Prerequisite
ART 2D/COMP I	Y	9,10,11,12	
DRAWING I	Y	10,11,12	ART 2D/COMP I
PAINTING I	Y	10,11,12	ART 2D/COMP I
INTERMEDIATE PORTFOLIO	Y	10,11	Teacher Recommendation
AP 2D DESIGN/DRAWING PORTFOLIO	Y	10, 11,12	Teacher Recommendation
AP PHOTOGRAPHY	Y	10,11,12	Teacher Recommendation & Digital Camera/High quality cell phone camera
CERAMICS I	Y	10, 11,12	ART 2D/COMP I or 11 th or 12 th grade
CERAMICS II	Y	11,12	Ceramics I and Teacher Recommendation
CERAMICS III	Y	11,12	Ceramics I and II and Teacher Recommendation

The visual arts courses are designed to meet students' varied interests and skill levels. Students develop skills and techniques necessary to produce their own artwork.

ART 2-D/COMP I (Offered 9, 10, 11, 12. One Year. Prerequisite: None.) Entry-level course introduces various designing, drawing, and painting activities. No previous art experience needed.

DRAWING I (Offered 10, 11, 12. One year. Prerequisite: ART 2-D/COMP I) Entry-level course where basic design and compositional skills are introduced through drawing; uses pencil, oil pastel, pen, and mixed medias. No previous art experience needed.

PAINTING I (Offered 10, 11, 12. One year. Prerequisite: ART 2-D/COMP I) Entry-level course where students develop basic painting skills in a range of subject matter, symbols, ideas, and concepts. Students will use a variety of media, processes, and techniques. No previous art experience needed.

INTERMEDIATE PORTFOLIO (Offered 10, 11. One year. Prerequisites: Teacher Recommendation. Honors Weighted Course) Pre-AP level course where students expand their understanding of art elements and principles. Students will develop skills and techniques through exposure to a variety of media including paint, watercolors, pen and ink, oil pastel, Prismacolor pencil, collage, and mixed media. Personal expression and an artistic voice are emphasized. The culminating body of work is the foundation for the individual student's AP Art Portfolio.

ADVANCED PLACEMENT 2-D DESIGN/DRAWING PORTFOLIO (Offered: 10, 11, 12. One year.

Prerequisites: Teacher Recommendation. AP Weighted Course) Courses are designed for the serious, self-motivated art student. Students develop a personal art portfolio. Students create artwork in their choice of media including paint, watercolors, pen and ink, oil pastel, Prismacolor pencil, collage, digital drawing and mixed media. Personal expression and an artistic voice are required. This collection of art work is submitted as a portfolio to the College Board in Spring.

ADVANCED PLACEMENT PHOTOGRAPHY (Offered: 10, 11, 12. One year. Prerequisites: Teacher

Recommendation. AP Weighted Course) Students will learn photography basics through Digital Photography. Through teacher directed assignments, students will create a photography portfolio focusing on the elements and principles of art. As students develop skills and expertise, they also will demonstrate their knowledge and skills by creating a personalized portfolio based on a central idea. Personal expression and an artistic voice are required. This collection of photographs is submitted as a portfolio to the College Board in Spring. Students will need a digital camera (or high-quality phone camera.)

CERAMICS I (Offered 10, 11, 12. One year. Prerequisite: ART 2-D/COMP I or 11th or 12th grade)

Entry-level course where students will create functional and sculptural artwork in clay. Students will learn various hand-building techniques such as pinch, coil, slab, and drape construction, and finish techniques including glaze and paint.

CERAMICS II (Offered 11, 12. One year. Prerequisites: Teacher recommendation.) Intermediate level course where students continue hand-building techniques using clay.

CERAMICS III Honors (Offered 12. One year. Prerequisites: Teacher recommendation.) Advanced level course where students continue hand-building techniques using clay.