## Bremen High School

## Course Description Guide



## BHS Course Catalog

# Academic Courses for 2023-2024 

## English/Language Arts


#### Abstract

Ninth Grade Literature and Composition - This course gives students the option to explore various genres of literature and modes of composition. Students will be invited to make connections and form a variety of opinions of literature as it serves as a gateway for an exploration of universal themes, and the treatment of such themes in various genres. Students will develop and strengthen the skills necessary to analyze and interpret literature and to evaluate evidence and support claims to build arguments. Ninth grade literature is divided into four units to explore the following themes: Trials and Triumphs: The Hero's Journey, Mask of Humanity, Paradoxes of Life and Literature, and The Importance of Places in Life and Literature. The required state EOC test will count at $20 \%$ of the final grade.


Honors Ninth Grade Literature - This course gives students the option to explore various genres of literature and modes of composition. Students will be invited to make connections and form a variety of opinions of literature as it serves as a gateway for an exploration of universal themes, and the treatment of such themes in various genres. Students will develop and strengthen the skills necessary to analyze and interpret literature and to evaluate evidence and support claims to build arguments. Reading outside of class is a workload requirement during the semester along with learning an extensive list of vocabulary words in context. Honors ninth grade literature explores the following themes: Trials and Triumphs: The Hero's Journey and Exploring the "Dys" in Dystopia, Mask of Humanity, Paradoxes of Life and Literature, and The Importance of Places in Life and Literature.

British Literature and Composition - In this course, students develop an understanding of chronological context and the relevance of period structures within British Literature. Students will explore the early forms of written English and the British tradition in literature. Students will critically read and evaluate various forms and types of texts including novels, poetry, informational texts, and visual texts, developing an understanding of literature as both a culture's product and a culture-bearer.

Honors British Literature and Composition - In this course students will explore various genres of literature and modes of composition. Students will be invited to make connections and form a variety of opinions of literature as it serves as a gateway for an exploration of universal themes, and the treatment of such themes in various genres. Students will develop and strengthen the skills necessary to analyze and interpret literature and to evaluate evidence and support claims to build arguments.

## BHS Course Catalog

## English/Language Arts - continued


#### Abstract

American Literature and Composition - This course focuses on the study of American Literature, embracing its rhetorical nature and recognizing the literature as a platform for argument. Students will develop an understanding of how historical context in American Literature affects its structure, meaning, and rhetorical stance. The required state EOC test will count at $20 \%$ of the final grade.


Honors American Literature and Composition - This course focuses on the chronological study of American Literature, embracing its rhetorical nature and recognizing literature as a platform for argument. Students will develop an understanding of how historical context in American Literature affects its structure, meaning, and rhetorical stance. This course includes reading novels, plays, poems and nonfiction and an extensive focus on writing in response to literature. The required state EOC test will count $20 \%$ of the final grade.

Advanced Composition - This senior course focuses on the process of research, writing, and presentation. Students will focus on different writing genres and organizational structures: expository, persuasive, narrative, descriptive, comparison-contrast, exemplification, process analysis, classification, cause and effect, and definition.


#### Abstract

AP Language - This course is a challenging collegiate style course emphasizing critical reading of various prose styles and an analysis of the standard rhetorical modes. Active reading will be objective with a variety of both open-ended and focused questions. Regular daily assignment, class discussions, oral presentations and independent reading will follow a framework of selected American literature. Students should plan on an already intense concentration of language use that will provide sophistication to their current writing style. There will also be a concentration on elevated vocabulary study. At the end of the semester students are eligible to take the College Board AP exam; however, this is not a requirement for the course. The American Literature EOC test is a requirement to earn credit and will count as $20 \%$ of the final grade.


AP Literature - This senior, college level course focuses on an intensive study of representative works from various literary genres and periods. Students will explore the social and historical values that works reflect and embody. At the end of the semester students are eligible to take the College Board AP exam; however, this is not a requirement for the course. Prior to taking this course, students should have successfully followed the honors level track in previous English courses with a final grade of at least 85, or the non-honors track with a 95 or higher. Completion of AP Lang with a minimum average of 88 and at least a 3 on the AP Lang exam are required.

## BHS Course Catalog

## Mathematics

Foundations of Algebra - This course is a first-year high school mathematics course option for students who have completed mathematics in grades $6-8$ yet will need substantial support to bolster success in high school mathematics. The objective of the course is to expand and build on fundamental algebra concepts, to offer focused interventions, and incorporate varied instructional strategies to prepare students for future required high school mathematics courses. Upon completion students will be prepared to take Algebra 1.


#### Abstract

Algebra I - This is the first course in a sequence of mathematics courses designed to prepare students for college and/or career mathematics. Topics include the real number system; algebraic expressions; equations; inequalities; systems of equations and inequalities; interpret, build, and model with linear, quadratic, and exponential functions; statistics and data analysis. The state required Algebra EOC will count $20 \%$ of the final grade. Upon completion students will be prepared to take Geometry.


Geometry - This is the second course in a sequence of mathematics courses designed to prepare students for college and/or career mathematics. Topic includes congruence; similarity; constructions; proofs; circles; area; volume; right triangles; quadratics; modeling with geometry; statistics and probability. The state required Geometry EOC will count $20 \%$ of the final grade. Upon completion students will be prepared to take Algebra II.


#### Abstract

Algebra II - This is the third course in a sequence of mathematics courses designed to prepare students for college and/or career mathematics. Topics include polynomial, rational, radical, exponential, and logarithmic functions; geometric sequences and series; the unit circle; trigonometric graphs; transforming and comparing functions; function operations; and inverses. This course does not have a state required EOC. Upon completion students will be prepared to take a fourth option math course.


Pre-Calculus - This is a fourth course option intended to prepare students for college mathematics. Topics include matrices; conics; trigonometric functions; graphs of trigonometric functions; trigonometric. Identities; vectors; and logarithms. This course does not have a state required EOC. Upon completion students will be prepared to take a college-level math course or AP Calculus.

AP Pre-Calculus - This is a fourth course option developed by the College Board to potentially earn college pre-calculus credit upon completion of the course and the AP exam offered at the end of the course. This course doe does not have a state mandated EOC. Pre-requisites: Algebra 1, Geometry, and Algebra 2. Topics include polynomial, rational, exponential, logarithmic, trigonometric, and polar functions. Students interested in STEM majors will develop a strong foundation for calculus. Upon completion, students will be prepared for Calculus or AP Calculus.

## BHS Course Catalog

## Mathematics-continued

Advanced Mathematical Decision Making - This is a fourth mathematics course option for students who have completed Algebra II. The course will give students further experience with statistical information and summaries, methods of designing and conducting statistical studies, and opportunity to analyze various voting processes, modeling of data, basic financial decisions, and use network models for making informed decisions. This course does not have a state required EOC.

Calculus - This is a fourth course option for students who have completed Pre-Calculus. It includes problem solving, reasoning and estimation, functions, derivatives, application of the derivative, integrals, the application of the integral. This is not an AP course and does not have a state required EOC. Upon completion, students will be prepared to take a college-level math course.

AP Calculus A/B - This rigorous college level course includes topics such as limits, derivatives, and integrals of algebraic and transcendental functions, continuity, applications of derivatives to related rates, maxima and minima, curve sketching, integration formulas, applications of the definite integral, and methods of integration. The objectives for this course follow the College Board syllabus, preparing students for the optional Advanced Placement exam. This course does not have a state required EOC. Upon completion students will be prepared to take a Calculus 2 course in college.

AP Statistics - This rigorous college-level statistics course is a fourth mathematics course option for students who have completed Algebra II or are taking Algebra II concurrently with AP Stats. Students in this course will develop analytical and critical thinking skills as they learn to describe data patterns and departures from patterns, plan and conduct studies, use probability and simulation to explore random phenomena, estimate population parameters, test hypotheses, and make statistical inferences. The objectives for this course follow the College Board syllabus, preparing students for the optional Advanced Placement exam. This course does not have a state required EOC.

## BHS Course Catalog

## Science

Environmental Science - This freshmen level course is an in-depth study of environmental science. Topics studied include ecology; effects of natural and human activity on land, water, and air; energy resources and conservation; food production, preservation, and storage; waste management; pollution and human health; and biotechnology.

Physical Science - This course is an in-depth study of basic chemistry and matter in motion. Emphasis is placed on conservation of matter, mechanics, sound, light, electricity, magnetism, and modern physics. The required state EOC test will count at $20 \%$ of the final grade.

Honors Physical Science - This course will study the State of Georgia standards but will take the standards a step further in order to prepare students for Chemistry, Physics, and Advanced Placement science courses. There will be a heavy emphasis on using models and experiments to illustrate and reinforce concepts learned. Students will learn to gather, synthesize, and share experimental data, and draw valid conclusions from that data. This course is math heavy; students wishing to take Honors Physical Science should be proficient in math. Students will be expected to be able to mathematically illustrate/prove concepts learned. Independent work will be required, and you should plan to spend several hours working outside of class. Honors Physical Science is a rigorous course intended for students capable of managing their time well and who exhibit self-motivation and self-discipline.

Biology - This course includes the interdependence of organisms; the relationship of matter, energy, and organization in living systems; the behavior of organisms; and biological evolution. Students will investigate biological concepts through experience in laboratories and field work using the processes of inquiry. The required state EOC test will count at $20 \%$ of the final grade.

AP Biology - This is a college-level biology course based upon a College Board approved syllabus studying the in-depth concepts of organisms, the organization of living systems, biological evolution, genetics, and ecology. At the end of the semester students are eligible to take the College Board AP exam; however, this is not a requirement for the course. The Biology EOC test is a requirement to earn credit and will count as $20 \%$ of the final grade.

Chemistry - This course addresses the structure of atoms, the structure and properties of matter, and the conservation and interaction of energy and matter. Students will investigate chemistry concepts through experience in laboratories and field work using the processes of inquiry.

## BHS Course Catalog

## Science-continued

AP Environmental Science -This course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

Earth Science - This course is about the study of Earth and its place in the universe. Concepts include mapping, rocks and minerals, plate tectonics, weathering, and erosion and how they shape the surface of the Earth, the history of the Earth, Earth's waters, Earth's atmosphere, weather and climate, Earth's natural resources and astronomy. Students will investigate Earth Science concepts through experience in laboratories and field work using the process of inquiry.

Conceptual Physics - This course is a hands-on approach to basic concepts of physics. Students will learn the history behind popular scientific discoveries and behind physics theories.

Zoology - This course encompasses many areas of life sciences. Topics include basic concepts of general zoology including the origin of animal life, animal reproduction and development, classification of major phyla of animals and the major classes of vertebrates, structure, and function of animals, and basic concepts of animal behavior and ecology.

## BHS Course Catalog

## Social Studies

Government - This course provides an overview of government, politics, and political behavior at the local, state, and national levels. Topics include an examination of the structure, functions, and inter-relationships of various levels of government; political socialization; elections and the party system; and the role of the individual in American government. Students will be exposed to specific information about government and how government affects their daily lives.

AP Government - This is a college-level course and examination offered to high school students through the College Board's Advanced Placement Program. This course surveys the structure and function of American government and politics that begins with an analysis of the United States Constitution, the foundation of the American political system. Students study the three branches of government, administrative agencies that support each branch, the role of political behavior in the democratic process, rules governing elections, political culture, and the workings of political parties and interest groups.

World History - This course provides a comprehensive, chronological survey of the significant conditions, challenges and accomplishments that have influenced the progress of humankind. Beginning with prehistory, students examine topics associated with the growth of early civilization, classical contributions of Greece and Rome, regional civilizations, and the rise of medieval Europe. Other topics of study include emergence of the modern world, age of revolution, growth of industry and nationalism, world wars in the 20th century, and development of the contemporary world.

Economics - This course offers students the opportunity to study the issues of scarcity and choices related to the use of limited resources. Students learn how to apply the tools of economic analysis to personal, community, national, and international issues. Economic preparedness enables students to make choices relying on past historical and geographical knowledge to actively and successfully engage in our complex society. The required state EOC test will count at $20 \%$ of the final grade.

AP Microeconomics - This course gives students a thorough understanding of the principles of economics that apply to functions of individual decision-makers, both consumers and producers, within the larger economic system. The course places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. The objectives for this course follow the College Board syllabus is to prepare students for the optional Advanced Placement exam in May. The required Economics EOC test will be taken in December counting as $20 \%$ of the final grade.

AP Macroeconomics - This course gives students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price determination, and also develops students' familiarity with economic performance measures, economic growth, and international economics. The objectives for this course follow the College Board syllabus, preparing students for the optional Advanced Placement exam.

## BHS Course Catalog

## Social Studies - continued


#### Abstract

US History - This course provides a comprehensive, chronological survey of the history of the United States. Students examine topics beginning with the period of exploration and colonization, and then continue through independence and revolution, constitutional debate between the Federalist and Republicans, sectionalism and civil war, reconstruction and industrialization, immigration and urbanization, imperialism and the progressive era, World War I and the Great Depression, World War II, and the Cold War. The course concludes with a study of the emergence of modern America. The required state EOC test will count at $20 \%$ of the final grade.


AP US History - The Advanced Placement program in U.S. History provides students with factual knowledge and analytical skills in the interpretation of the history of the United States from the 1600s through the 1990s. Political, economic, and social issues are stressed through the following topics: The Colonial Period; the American Revolution; the Jacksonian Period; Civil War and Reconstruction; Populism and Progressivism, the New Deal; and International Affairs and Domestic Changes in the Post-1945 Period. At the end of the semester students are eligible to take the College Board AP exam; however, this is not a requirement for the course. The US History EOC test is a requirement to earn credit and will count as $20 \%$ of the final grade.

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

## BHS Course Catalog

# Elective Courses for 2023-2024 

## Engineering

Foundations of Engineering and Technology - This is the introductory course for all Georgia Engineering and Technology Education pathways. This course provides students with opportunities to develop fundamental technological literacy as they learn about the history, systems, and processes of invention and innovation. An Introduction to Engineering Design with SolidWorks introduces students to the engineering design process utilizing 3D Computer Aided Design (CAD) software applications. Emphasis on 3D Skills and relevant applications in engineering principles, technology, mathematics, and science is explored. Learning 3D design skills is an interactive process applied with the Engineering Design Process, a series of iterative steps to solve a problem.

Engineering Concepts - This course introduces students to the fundamental principles of engineering. Students learn about areas of specialization within engineering and engineering design and apply engineering tools and procedures as they complete hands-on instructional activities. 3D CAD design skills learned in the prior course are enhanced and used to design real prototypes.

Engineering Applications - This course gives students the opportunities to apply engineering design as they develop a solution for a technological problem. Students use applications of mathematics and science to predict the success of an engineered solution and complete hands-on activities with tools, materials, and processes. They will use 3D CAD SolidWorks analysis tools to test their models digitally before an actual prototype is developed.

## BHS Course Catalog

## Physical Education


#### Abstract

Health/Personal Fitness - The goal of this course is to encourage students to live a healthy life and participate in various types of physical activities on a regular basis. The students will be exposed to various physical fitness activities. In addition, the health class will focus on the relationship that exists among the physical, mental, \& social aspects of health. Students learn that their decisions affect all areas of health. They discover that the decisions made can affect their health and their enjoyment of life now and in the future. THIS COURSE IF REQUIRED FOR FRESHMEN.


Weight Training - This course is designed to maximize muscle and body mass through the use of free weights and physical activity.

Team Sports - This course is designed to promote an active, healthy lifestyle incorporating topics such as fitness, nutrition, cardio, and lifetime sports.

## Allied Health and Medicine

Intro to Healthcare Science - This course is designed to explore the many careers in the medical field. It introduces the fundamentals of healthcare science, basic CPR, and a foundation of medical terminology. Anyone interested in medical field can take this course.

Essentials of Healthcare - This course is an intermediate course for the Therapeutic Services Career Pathway and is designed to provide an overall framework of basic skills utilized in direct client care. Students will learn human anatomy, physiology, and pathophysiology, utilize technology, increase knowledge and application of medical terminology, become advanced CPR certified, and develop critical thinking skills. Students must receive a grade of 80 or higher to take the next course.

> Allied Health and Medicine - This course is the third course in the Medical Services Pathway. It is designed to offer junior and senior students the opportunity to become effective and efficient multiskilled healthcare providers as they develop a working knowledge of each of the major departments of the average acute care setting/hospital. This includes but is not limited to: Orthopedics, Cardiology, Diagnostic Imaging, Medical-Surgical, Gastroenterology, Urology, and Customer Care Services. Students focusing on a career path in medicine (pre-med), nursing or on a career in one of the departments noted above will apply classroom/lab knowledge and skills in the clinical setting as they participate in direct client care. Direct patient care (bathing, grooming, toileting, etc.) is an essential component of this course, and all students are required to care for live patients during clinical experiences. Failure to do so will result in failure of the course. Students will be required to purchase scrubs to wear to clinical experiences as well as pay for screenings and immunizations to participate in this course.

## BHS Course Catalog

## Allied Health and Medicine - continued

Nursing Essentials (Prerequisites-Intro and Essentials of Healthcare) - This class may be taken at WGTC as part of the dual enrollment program. Students who take Intro, Essentials and the CNA classes will complete the nursing pathway. Students will provide direct patient care (bathing, grooming, feeding, toileting, etc.) to patients in the nursing home and will not pass if they do not participate! This course provides an opportunity for students to become a Certified Nursing Assistant (CNA). (Students will be required to pay for scrubs, immunizations, tuition at WGTC, and the state CNA examination.)

## Foreign Language

Spanish I - This is an introductory course of the Spanish language and culture.

Spanish II - This course is an intermediate study of the Spanish language.
**Two consecutive units of a foreign language are required for admittance into a 4-year college or university.

Spanish III - This course is an advanced, elective course for students who desire to build stronger communication skills within the Spanish Language.

## Band

Band - This course offers students the opportunity to learn to play various instruments, gain discipline, and other valuable skills through the playing of music. Band class is set up in a progressive format where students are continually challenged to improve and gain more understanding of music theory and history, as well as improving in selected instrument playing.

## BHS Course Catalog

## Chorus

Beginning Chorus - This is a non-auditioned course. Students learn how to perform vocal music, fundamentals of music including choreographed, dramatic skills and movement in performances. Students study various musical theatre productions, popular music, Broadway musicals, movie music and other vocal art forms. All students are expected to participate in performances each semester. Ensemble groups and solos are often included with more advanced students.

Advanced Chorus - This is a non-audition course. Students will enhance and develop vocal performance skills within a choral ensemble. All students are expected to participate in performances each semester. Ensemble groups and solos are often included with more advanced students.

## Drama

Beginning Drama - This course is designed to introduce students to the theatre and its basic elements. The class is primarily participation-based and is designed to help beginners become more comfortable with speaking and performing in front of others.

Advanced Drama - This course is for students who wish to have more performance experience. Advanced Drama will cover ensemble work/teamwork, movement, voice, scene and play analysis, scene work including an emphasis on objectives, obstacles, and acting techniques, improvisational skills, character analysis and performance, monologues, audition skills, career paths and theatre history.

## Musical Theatre

This class is for students who are interested in participating in the one-act play and spring musical in the cast or crew. Musical Theatre is a course in which students will build upon and use their skills in acting, singing, and stage performing. Techniques will include character development, stage movement and choreography, and tech theatre to prepare and present a large ensemble musical for an audience.

## BHS Course Catalog

## Guitar

Beginning Guitar - This course introduces basic guitar techniques, performance, and collaboration. This is a hands-on learning environment that encourages creative aspects and appreciation of music.

Advanced Guitar - This course allows students to independently further their opportunities to advance in skill and technique.

## Music History \& Literature

Music History \& Literature - This course is designed for upperclassman to familiarize the student with the history of Rock and Roll music. Prominent players and groups of each era will be covered, as well as sociological, economic, and cultural factors that shaped the many styles of Rock music. Students will have extensive discussions and listening sessions to fully understand the genre, its origins, and progression to its modern form.

## Entrepreneurship

Introduction to Business and Technology - This course provides an introduction to how most businesses work and how to manage your employees and your personal life, designed to help students decide if they want to continue in the Entrepreneurship Pathway where they can earn College Credit in Business by passing the End of Pathway Assessment and earn their Microsoft Certification in MS Word 2016.

Business Law - This course lets students learn about their RIGHTS AND RESPONSIBILITIES where the law is concerned! This course takes a case-study approach to studying the legal system and how law affects individuals and businesses. Students will research famous trials and decisions, as well as current events. Students will also study the effects of judge's decisions on businesses.

## BHS Course Catalog

## Entrepreneurship - continued

Entrepreneurship - This course lets students learn the ins and outs of owning your own business. Students will participate in a semester-long experience in business through establishing and running the first-ever Bremen High School Store. Partnering with Engineering and Technology, we'll advertise, market, sell, produce, and deliver many products to our customers, actively practicing the art of customer service, market research and serving our community.

## Visual Arts

Visual Art I - This course is designed as an introduction to the visual arts with a concentration on the 2-D elements and principles of design. Students will explore a variety of art mediums at the beginner level. This course will include such areas of study as drawing, painting, color theory, art appreciation, collage and stippling. Students in this course must hold a semester average of 85 or higher to sign up for Drawing and Painting I level class.

Visual Arts II - This course is designed as the first advanced level 2-D class for students that are interested in developing their art appreciation, drawing, and painting skills. Students in this course must hold a semester average of 85 or higher to sign up for Drawing and Painting II level class.

Visual Arts III - This course is designed as the second advanced level 2-d class for students that are interested in developing their art appreciation, drawing, and painting skills. Students in this course must hold a semester average of 85 or higher to sign up for the Advanced Drawing class.

Visual Arts IV - This course is designed as the upper level 2-D class for students that are interested in developing there drawing skill, art appreciation skill and are working on a college art portfolio. Students in this course must hold a semester average of 85 or higher to sign up for the independent study level class.

## BHS Course Catalog

## Teaching As A Profession

Examining the Teaching Profession - This course examines the Teaching Profession and prepares candidates for future positions in the field of education. Teaching Profession candidates' study, apply, and practice the use of current technologies, effective teaching and learning strategies, the creation of an effective learning environment, the creation of instructional opportunities for diverse learners and students with special needs, and plan instruction based on knowledge of subject matter, students, community, and curriculum performance standards.

Contemporary Issues in Education - This course engages the candidate in observations, interactions, and analyses of critical and contemporary educational issues. The candidate will investigate issues influencing the social and political contexts of educational settings in Georgia and the United States and actively examines the teaching profession from multiple vantage points both within and outside of the school.

Teaching Practicum - This course is an internship that offers a candidate in the Teaching as a Profession career pathway a field experience under the direct supervision of a certified teacher (mentor teacher). The internship stresses observing, analyzing, and classifying activities of the mentor teacher and comparing personal traits with those of successful teachers. The candidate intern will develop a portfolio of their skills.

## Forensic Science

Intro to Law \& Public Safety - This course examines the basic concepts of law related to citizens’ rights and the responsibilities, and students will receive instruction in critical skill areas including communicating with diverse groups, conflict resolution, ethics, CERT (Citizens Emergency Response Training, or similar program), basic firefighting, report writing, terrorism, civil and criminal law.

Criminal Justice Essentials - This course provides an overview of the criminal justice system. Starting with historical perspectives of the origin of the system, the course reviews the overall structure. Students will become immersed in criminal and constitutional law and will review basic law enforcement skills. The course has elements which cover tactics, methods, and skills utilized by law enforcement.

## BHS Course Catalog

## Forensic Science - continued

Forensic Science - This is a course designed to contextualize scientific principles within the career studies of students interested in criminal justice. Students will utilize chromatography, electrophoresis, microscopic observation, and other scientific techniques in their studies. Students will also learn some investigative techniques and crime scene investigation skills through the lens of the scientific method.

## Fibers

Fibers I - This course is designed for the student who is interested in working with 3-D materials. Introduction to fiber and fabric designs, quilting, stitchery, and other fiber arts using a variety of design techniques materials and supplies. Students will complete a full-size quilt as one of the projects. Students in this course must hold a semester average of 85 or higher to sign up for the Fiber II class.

Fibers II - This course is designed as the first advanced level for the student who is interested in working with fiber as their medium. Students will take techniques learned in Fibers I and go to the next ability level. Students will complete a parallelogram quilt in this class, as well as other advanced level fiber art projects. Students in this course must hold a semester average of 85 or above to sign up for the Fibers III level class.

Fibers III - This course is designed for the most advanced level of fiber art.
Students will complete a hexagon quilt in this class, as well as other advanced level fiber art projects.

## Audio-Video Technology \& Film

Audio - Video Technology and Film I - This class will introduce students to terminology, safety, equipment, script writing, production, programming, lighting, and editing from the AVT/Film industry.

Audio - Video Technology and Film II - This class will build on the students' knowledge of the ACVT/Film industry by covering planning, writing, directing, field equipment, operational set-up and maintenance, studio productions, control systems and graphics.

## BHS Course Catalog

## Audio-Video Technology \& Film - continued

Audio - Video Technology and Film III - This class is designed to facilitate student-led projects using the knowledge in the first two level classes. Students work cooperatively and independently in all phases of production to create a news show and individual film projects.

## Technology

Graphic Design - This course is designed as the foundational course for both the Graphics Production and Graphics Design pathways. The Graphics and Design course provides students with the processes involved in the technologies of printing, publishing, packaging, electronic imaging, and their allied industries. In addition, the Graphics and Design course offers a range of cognitive skills, aesthetics, and crafts that includes typography, visual arts, and page layout.

## Computer Science

Computer Science Principles - In this course, you will engage your creativity, demonstrate and build your problem-solving ability all while connecting the relevance of computer science to society. The focus of this course will fall into computational thinking practices, connecting computing, developing computational artifacts, abstracting, analyzing problems, communication and collaborating.
(This is a senior level class only and is offered in the following ways: Dual Enrollment, Edgenuity or GaVS)

## Mythology

Mythology - This course is intended to educate students about legends, myths, and the beliefs of the past and to show how mythology has influenced literature, arts, religion, and culture. Students will discover how archetypal patterns and similarities link cultures. Students will also discover and analyze the common themes and ideas that are constants in human thought. Students should be able to identify these trends, patterns, and influences in the world around them and make connections between the past, the present, and the future.

## BHS Course Catalog

## Financial Literacy

## REQUIRED FOR GRADUATION

Financial Literacy - Are you ready for the future? Do you plan on making money? Financial Literacy will teach you how to earn, save, and spend your money wisely. You will be introduced to the basics of personal finance, credit, savings, insurance, and your financial future.

## Work-Based Learning

Work-Based Learning - Real world experiences in employment situations. Students must be juniors or seniors and an application is required. Availability is based on student record, eligibility, and first comefirst serve basis. Applications can be obtained in Mrs. McBride's office.

## Dual Enrollment

Dual Enrollment - Text @mcbde to 81010 to receive information and updates.

