Table of Contents

Language Arts........................................................................................................................................3
Advanced Placement Language Arts.................................................................4
Math ...........................................................................................................................................5
Advanced Placement Math ...............................................................................7
Science .................................................................................................................................8
Advanced Placement Science ...........................................................................9
Social Studies..................................................................................................................10
Advanced Placement Social Studies ...........................................................12
Foreign Language .........................................................................................................13
Physical Education and Health ........................................................................14
Fine Arts..............................................................................................................................15
CTE / Pathways ............................................................................................................19
Courses

9th Grade Literature

9th Grade Literature: This year-long, one credit course focuses on the acquisition of reading, writing, speaking, listening, and language skills. Through extensive reading of literary and informational texts, students develop an understanding of how to cite strong and thorough textual evidence to support analysis, reflection, and research. In conjunction with reading skills, the study of composition includes a focus on argumentative, informative/explanatory, and narrative writing as well as research skills. Speaking and listening skills are acquired through participation in collaborative discussions as well as formal and informal presentations. Language and vocabulary study are integrated within the context of reading, writing, speaking, and listening skills.

10th Grade World Literature

10th Grade World Literature: This course includes a balance of composition, applied grammar, and both literary and informational texts, with a focus on world literature and documents from world and American history. Students will analyze and respond to increasingly complex texts appropriate for 10th graders. Developing vocabulary, speaking, listening, researching, and test-taking skills are integral parts of the course curriculum.

11th Grade American Literature

11th Grade American Literature: This course includes a balance of composition, applied grammar, and both literary and informational texts, with a focus on American historical documents and literature. Developing vocabulary, speaking, listening, researching, and test-taking skills are integral parts of the course curriculum.

12th Grade British Literature

12th Grade British Literature: This course includes a balance of composition, applied grammar, and literary and informational texts, with a focus on American and British authors and historical documents, and a comparative analysis of them. Developing vocabulary, speaking, listening, researching, and test-taking skills are integral parts of the course curriculum.

Elective Option

Journalism: Students in grades 10-12 may enroll in Shiloh’s project-based Journalism class, pending teacher approval. Students will work collaboratively in photography, graphic design, social media, reporting, writing, and marketing, and may specialize in one area of interest. Students will also contribute to the marketing, publication, and distribution of the yearbook. Students with a strong interest in photography, graphic design, creative writing, or marketing will find this course a great place to showcase their talents!
Advanced Placement Courses

**AP Language and Composition:** focuses on the importance of comprehending a writer’s purpose, subject, and audience, while also helping students recognize the rhetorical conventions of language that writers use to create effective writing. Students will become highly skilled readers and effective writers who are able to analyze arguments embedded in the nonfiction masterworks of notable writers, thinkers and orators. AP Language correlates with a typical first semester college Freshman English class. Student will take the AP Language exam at the end of the course.

**AP Literature and Composition:** designed to develop students’ ability to read and understand literature, communicate in writing and in speech, and polish skills students will need in their academic and professional future. The course is a college-level literature course with increased academic rigor and intellectual demands. Students will take the AP Literature exam at the end of the course.
Algebra 1

**Algebra I:** This is the first in a sequence of mathematics courses designed to allow students to complete precalculus in their high school program and enter college at the Calculus level. It includes linear, quadratic, and exponential expressions; functions and their graphs.

(Graduation Requirement)

Algebra 2

**Algebra II:** This is the third in a sequence of mathematics courses designed to prepare students to enter college at the calculus level. It includes exponential and logarithmic functions, polynomial functions of higher degree, rational and radical relationships, mathematical modeling, and normal distributions.

(Graduation Requirement)

Geometry

**Geometry:** This is the second in a sequence of mathematics courses designed to prepare students to enter college at the calculus level. It includes transformations in the coordinate plane, similarity, congruence and proof; right triangles and right triangular trigonometry; properties of circles; and statistical inference.

(Graduation Requirement)

**Accel. Geometry:** This is the second in a sequence of mathematics courses designed to prepare students to take AP Calculus AB or BC in their high school program. The course incorporates 1½ years of content in the standard math sequence. It includes exponential, logarithmic, and higher degree polynomial functions; rational and radical relationships; mathematical modeling; and population means, standard deviations, and normal distributions.

Prerequisite - Accel. Algebra I.

Statistical Reasoning

**Statistical Reasoning:** This course provides experiences in statistics, offering students opportunities to strengthen their understanding of the statistical method of inquiry and statistical simulations. Students will formulate statistical questions to be answered using data, design and implement a plan to collect the appropriate data, select appropriate graphical and numerical methods for data analysis, and interpret their results to make connections with the initial question.

Required - Completion of 2 Semesters of Algebra II
Precalculus

**Pre-calculus**: This is the fourth in a sequence of mathematics courses designed to prepare students to enter college at the calculus level. It includes trigonometric and inverse trigonometric functions; basic trigonometric identities and the laws of sines and cosines; sequences and series; vectors; conics; matrices; the central limit theorem; and confidence intervals.

**Prerequisite**: Algebra II.

**Accel. Pre-calculus**: This is the third in a sequence designed to prepare students to take AP Calculus AB or BC. It includes circular trigonometric and inverse trigonometric functions; basic trigonometric identities and the laws of sines and cosines; sequences and series; polar and parametric equations; vectors; conics; matrices; the central limit theorem; and confidence intervals.

**Accelerated Track required** Prerequisite - Accel. Geometry or Algebra II.

4th Year Math

**College Readiness Mathematics**: This course is designed for students who have completed Algebra I, Geometry, and Algebra II, but are still struggling with high school mathematics standards that are essential for success in first-year college mathematics courses required for non-STEM majors. The course focuses on key content and practice standards to ensure that students will be ready for postsecondary academic courses and career preparation in non-STEM fields. Emphasis is placed on numeracy, algebra and functions, geometry, and statistics in a variety of contexts.

**Advanced Mathematical Decision Making**: This course will give students further experiences with statistical information and summaries, methods of designing and conducting statistical studies, an opportunity to analyze various voting processes, modeling of data, basic financial decisions, and use of network models for making informed decisions.

**Calculus (non-AP)**

**Calculus (non-AP)**: Topics include functions, limits and continuity, derivatives, applications of derivatives, integrals, and applications of the integral. Additional process skills include problem-solving, estimating, analyzing, and reasoning.

**Required** - 2 Semesters Precalculus.
Advanced Placement Courses

**AP Calculus AB**: Topics include 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.

Prerequisite - Accel. Pre-calculus.

**AP Calculus BC**: Topics include 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, methods of integration, graphing, and integrating in polar coordinates, infinite sequences and series, power series, vectors, and differential equations. The objectives for this course follow the College Board syllabus, preparing students for the optional Advanced Placement exam.

Prerequisite - Accel. Pre-calculus.

**AP Statistics**: This course includes in-depth experience in statistical concepts and methods, including data collection and exploration, experimental and theoretical probability, probability distributions, and descriptive and inferential statistics. Projects involve planning a study, anticipating patterns, producing models, and confirming models. The objectives for this course follow the College Board syllabus, preparing students for the optional Advanced Placement exam.

Prerequisite - Pre-calculus.

Higher Level

**Multivariable Calculus**: Topics include three-dimensional coordinate geometry; matrices and determinants; eigenvalues and eigenvectors of matrices; limits and continuity of functions with two independent variables; partial differentiation; multiple integration; the gradient; the divergence; the curl; Theorems of Green, Stokes, and Gauss; line integrals; integrals independent of path; and linear first-order differential equations.

Prerequisite - AP Calculus BC

Dual Enrollment

**College Algebra**: Emphasizes techniques of problem solving using algebraic concepts. Topics include fundamental concepts of algebra, equations and inequalities, functions and graphs, and systems of equations; optional topics may include sequences, series, binomial theorem, probability, and analytic geometry.

Optional: Prerequisite - Pass Acuplacer Exam and full credit for Algebra 1, Geometry and Algebra 2.

**Statistics Intro**: Emphasizes the concepts and methods fundamental to utilizing and interpreting commonly used statistics. Topics include descriptive statistics, basic probability discrete and continuous distributions, sampling distributions, hypothesis testing chi square tests, and linear regressions.

Optional: Prerequisite - Pass Acuplacer Exam and full credit for Algebra 1, Geometry and Algebra 2.
### Courses

#### Biology

**Biology**: sets the foundation for future scientific studies by allowing students to investigate biological concepts through experience in laboratories and field work. Concepts for the course include the interdependence of organisms; the relationship of matter, energy, and organization in living systems; the classification of organisms; and biological evolution. Students are required to take the GA Milestones assessment at the end of the course. *(Graduation requirement)*

#### Chemistry

**Chemistry**: shifts students’ focus to 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 using the process of inquiry. *(Graduation requirement)*

#### Physics

**Physics**: students will engage in an in-depth study of matter in motion. The course places an emphasis on mechanics, sound, light, electricity, magnetism, and modern physics. *(Graduation requirement)*

### Science Electives

#### Astronomy

**Astronomy**: Topics studied in this in-depth study of astronomy include the history of astronomy; the relationship between the Earth, Moon, and Sun; and the study of the solar system, stars, galaxies, and the universe.

#### Earth Systems

**Earth Systems**: This course is an in-depth study of geology. Topics studied include the Earth’s place in the universe, forces affecting land form structures, geologic time table, biochemical cycles, changes in the Earth’s crust, and Georgia’s geologic resources.

#### Environmental Science

**Environmental Science**: Topics included in this course 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.

#### Forensic Science

**Forensic Science**: Forensic Science is the study of the application of science to the law. This integrated science course is designed to explore the scientific and technological aspects of criminal investigations. Topics will include the study of DNA, glass, blood, fingerprinting, chemical residues, and evidence collection as it relates to forensic issues. Application to court cases, literature, psychology, and criminology will be examined.

**ELECTIVE OPTIONS**: All students are required to earn a science elective credit in order to graduate from high school. These courses are typically taken in a student’s junior or senior year.
Advanced Placement

**Biology**

**AP Biology:** This is a college-level biology course that challenges students’ abilities to understand problems, design, and implement controlled experiments, manipulate data, draw conclusions, think analytically, and develop hypotheses within the realm of biological science. Students are required to complete summer assignments aligned with the content in order to prepare for the rigor and demanding course load and are expected to take the Advanced Placement exam at the end of the course.

**Chemistry**

**AP Chemistry:** This college-level course stresses theoretical aspects of chemistry and is designed to build upon the foundations of a first year Honors or Gifted course. Laboratory experiences in AP Chemistry are especially intense and the AP Exam includes questions based on experiences and skills students will acquire in the laboratory. Successful completion of this course gives students an excellent preparation for a broad range of careers in science or medicine.

**Environmental Science**

**AP Environmental Science:** This course provides students with the scientific principles, concepts, methodologies, and laboratory components necessary to understand the interrelationships of the natural world. The objectives of the course are to identify and analyze environmental problems both natural and human-made, evaluate the relative risks associated with these problems, and examine solutions for resolving and/or preventing them.

**Physics**

**AP Physics:** This first-year college course is a rigorous approach to an in-depth study of matter in motion. Emphasis is placed on mechanics, sound light, electricity, magnetism, and modern physics. The objectives for this course follow the College Board syllabus, preparing students for the Advanced Placement exam.
World Geography

*World Geography:* This course provides the content knowledge and skills necessary to understand the roles, responsibilities, and relationships of people and places throughout the world, both past and present. The course will prepare students for the three-year required Social Studies sequence. Topics will include the themes of historical, political, and economic geography. Students are instructed on efficient and effective methods and strategies to read, write, think, organize, take notes, and demonstrate what they have learned throughout the course.

World History

*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. (*Graduation requirement*)

US History

*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, Jeffersonian and Jacksonian democracy, 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. (*Graduation requirement*)

Political Systems

*Political Systems:* Political Systems is a required course designed to provide students with a fundamental understanding of their rights and responsibilities as citizens by examining the American political structure and process. Topics of study include the origin and growth of representative democracy, the development of the U.S. Constitution founded on the concept of federalism, landmark legal decisions and their impact on constitutional government, the adaptive nature of the political process as influenced by political parties, special-interest groups and media coverage, as well as a comparison of our political system with other forms of government throughout the world. (*Graduation requirement.*)

Economics

*Economics:* Economics 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. (*Graduation requirement.*)
## Electives

### Controversial Issues

**Controversial Issues:** This class is designed for mature, upper-level students who are able to confront controversial issues in an analytical manner. The readings and subject matter are at a high level and will challenge students to use a studious approach to investigate views on issues that are controversial in nature. No particular viewpoint or agenda is taught. Rather, the student has the opportunity to develop and employ critical-thinking skills when considering his or her personal evaluation of current events and issues of social relevance.

### Financial Literacy

**Financial Literacy:** This course will inform students of how your choices will directly influence occupational goals and future earnings potential. Students in this course will discuss a range of important topics from how to finance their first home and car to how to best finance their college education. In this course, students will cover real-world topics which will include income, money management, spending, and credit, as well as saving and investing. Students will design personal and household budgets utilizing checking and savings accounts, gain knowledge in finance, debt and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding of making informed personal financial decisions leading to financial independence.

### Law

**Law:** Want to know how the American Legal system works then this is the class for you. This course develops an understanding of the basic components of the legal and criminal justice system in the United States. Students are offered an overview of civil and criminal law in this country as well as an examination of various legal institutions and processes such as the police, the courts, and rehabilitation systems, etc.

### Psychology

**Psychology:** This class introduces students to basic psychological concepts and principles as well as the rules, laws, and theories of psychology. Topics of study include: determiners of personality (heredity and environment), theories of the development of intelligence, and testing characteristics of basic needs. A study of self-concept (theories of development) also is included. With this knowledge of themselves and others, students should be able to make informed decisions which are affected by changing environments and situations.

### Sociology

**Sociology:** This course helps students understand and appreciate people as independent agents in cooperative activities with others. Topics to be covered are the organized way people fulfill basic needs (institutions); the setting of social rules and their enforcement (social control); and the possessions people have, the way they think, and their actions as members of society (culture). Students will use the social scientific method as a mode of research.
### Advanced Placement Courses

**AP Human Geography:** The Advanced Placement program in Human Geography is a college-level course designed to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth’s surface. Students employ spatial concepts and landscape analysis to interpret human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. The objectives for this course follow the College Board syllabus, preparing students for the optional Advanced Placement exam to earn college credit. AP Human Geography also prepares students for the required High School Gateway.

**AP World History:** Focusing primarily on the past thousand years of the global experience, this course builds on an understanding of cultural, institutional, and technological foundations that, along with geography, set the human stage prior to the year 1000. Specific time periods form the organizing principle for dealing with change and continuity from that point to the present. Historical themes provide further organization to the course, along with the consistent attention to contacts among societies that form the core of world history as a field of study. The objectives for this course follow the College Board syllabus, preparing students for the optional Advanced Placement exam. *(Satisfies World History graduation requirement)*

**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. The objectives for this course follow the College Board syllabus, preparing students for the optional Advanced Placement exam. *(Satisfies U.S. History graduation requirement)*

**AP Macroeconomics:** Advanced Placement Macroeconomics 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. *(Satisfies Economics Graduation Requirement.)*

**AP American Government:** The purpose of this Advanced Placement program is to provide 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. The objectives for this course follow the College Board syllabus, preparing students for the optional Advanced Placement exam. *(Satisfies Political Systems graduation requirement.)*

**AP Psychology:** Advanced Placement Psychology provides students with the opportunity to examine the scientific nature of psychology and to determine the relevance of the behavioral sciences in our lives today. Students will examine the issues leading to the development of psychology as a science as well as the issue currently being addressed in the field of human behavior. The objectives for this course follow the College Board syllabus, preparing students for optional Advanced Placement exam.
Languages

**German**

*German I,II,II,IV* - Students study the German language and culture from the novice level in German I through the intermediate levels, culminating in German IV.

**French**

*French I,II,II,IV* - Students study the French language and culture from the novice level in French I through the intermediate levels, culminating in French IV, AP French, or IB French.

**Spanish**

*Spanish I,II,II,IV* - Students study the Spanish language and culture from the novice level in Spanish I through the intermediate levels, culminating in Spanish V, AP Spanish Language and Culture, or IB Spanish.

**Spanish for Native Speakers**

*Spanish for Native Speakers* - This course provides native speakers of Spanish with the opportunity to maintain oral competency in the Spanish language and to acquire a more sophisticated level of competency in Spanish reading and writing. Students refine their writing proficiency, engage with authentic texts, and gain a deeper understanding of both their native culture and the cultures of other Spanish-speaking countries. This course may culminate in Spanish for Native Speakers II, Spanish IV, or AP Spanish Language and Culture.
### Health

**Health:** This single-semester course is a graduation requirement and a prerequisite to all advanced PE electives. This class is designed to offer a practical approach to health topics that concern adolescents and covers knowledge and skills necessary for personal health/well-being and the prevention and treatment of injury. This course is scheduled for all freshman. Satisfactory of the course prior to Freshman year is needed to remove the course. *(Graduation Requirement)*

### Physical Education

#### Personal Fitness (PE)

**Personal Fitness:** This single-semester course is a graduation requirement and a prerequisite to all advanced PE elective. The course provides the students with sound, basic knowledge and understanding of how to obtain a healthy level of physical fitness. This course is scheduled for all freshman. Satisfactory of the course prior to Freshman year is needed to remove the course. *(Graduation Requirement)*

#### Sports Medicine

**Sports Medicine:** Sports Medicine is an elective course designed as an introduction to the fields of sports medicine, athletic training, and physical therapy. It will provide the student with the basic information relevant to the prevention, recognition, first aid, referral and rehabilitation of athletic injuries. Students also learn the basics of training room organization and function. This course is not part of the Sports Medicine Pathway.

#### Weight Training

**Weight Training:** This represents a series of courses that provide a student with the opportunities to develop muscular strength and endurance with weight training and conditioning principles.

#### Body Sculpting

**Body Sculpting:** This weight training course includes intense weight lifting that will increase in difficulty throughout the year. This class may include power training exercises, stretching, calisthenics, running for speed development/conditioning, stations to develop quickness, and plyometric.

#### Team Sports

**Team Sports:** Students will have an opportunity to learn the history, rules, and basic skills of two to three of the following team sports: basketball, volleyball, soccer, speedball, touch or flag football, field hockey, floor hockey, ultimate Frisbee, and softball. As the course progress, students will have an opportunity to experience team play, strategy development, and officiating techniques.
# Visual Arts

## Visual Arts I

### Comprehensive I (2D Design): A variety of two-dimensional designs are created using techniques in drawing, printmaking, lettering, painting, and collage. Students will build a portfolio that demonstrates an array of two-dimensional design techniques. Historical and contemporary achievements in two-dimensional art are explored as well as the study of aesthetics and art criticism.

### Comprehensive II (3D Design): A variety of two-dimensional designs are created using techniques in drawing, printmaking, lettering, painting, and collage. Students will build a portfolio that demonstrates an array of two-dimensional design techniques. Historical and contemporary achievements in two-dimensional art are explored as well as the study of aesthetics and art criticism.

## Ceramics

### Ceramics I: Design of clay pottery forms are explored. Students will create hand-built and wheel-thrown pottery and will explore various glazing and firing techniques such as raku and pit firing. *(Pre-Requisite Visual Arts Comprehensive I and II)*

### Ceramics II: Students will build on knowledge gained in Ceramics I. Students will continue to explore a variety of hand building and wheel throwing techniques. Students will focus on building a cohesive body of work that exhibits advanced understanding of clay techniques. *(Pre-Requisite Visual Arts Comprehensive I and II)*

## Draw/Paint

### Draw/Paint I: A variety of drawing and painting techniques are explored, including the use of contour line, gesture line, value, and color. The development of a painting style will be introduced with the emphasis on constructing personal visual statement that communicates personal exploration. *(Pre-Requisite Visual Arts Comprehensive I and II)*

### Draw/Paint II: Students will build on knowledge gained in Drawing & Painting I. Students will continue to explore a variety of processes, media and techniques. Students will focus on building a cohesive body of work that exhibits advanced understanding of Drawing and Painting. *(Pre-Requisite Visual Arts Comprehensive I and II, and Draw/Pain I)*

## Sculpture

### Sculpture I: A variety of 3D forms are explored through combinations of media and the resolution of 3D design problems. The course emphasizes solving problems, incorporating basic additive, subtractive, and manipulative methods. Related history and contemporary developments will be explored and career opportunities will be examined. *(Pre-Requisite Visual Arts Comprehensive I and II)*

### Sculpture II: Students will build on knowledge gained in Sculpture I. Students will continue to explore a variety of 3D sculpting methods. Students will focus on building a cohesive body of work that exhibits advanced understanding sculpture techniques. *(Pre-Requisite Visual Arts Comprehensive I and II)*

## Printmaking

### Printmaking I: Various printmaking processes are explored, including relief, monotypes, screen printing and intaglio. *(Pre-Requisite Visual Arts Comprehensive I and II)*

### Printmaking II: Students will build on knowledge gained in Printmaking I. Students will continue to explore a variety of printmaking processes, media and techniques. Students will focus on building a cohesive body of work that exhibits advanced understanding of printmaking. *(Pre-Requisite Visual Arts Comprehensive I and II)*
**AP Studio Art 2D Design:** A variety of drawing and painting techniques are explored, including the use of contour line, gesture line, value, and color. The development of a painting style will be introduced with the emphasis on constructing personal visual statement that communicates personal exploration.  
*Prerequisite: Visual Arts Comprehensive I and II*

**AP Studio Art Drawing:** A variety of drawing and painting techniques are explored, including the use of contour line, gesture line, value, and color. The development of a painting style will be introduced with the emphasis on constructing personal visual statement that communicates personal exploration.  
*Prerequisite: Visual Arts Comprehensive I and II*

**AP Art History:** AP Art History is an introductory college-level art history course. Students cultivate their understanding of art history through analyzing works of art and placing them in historical context as they explore concepts like culture and cultural interactions, theories and interpretations of art, the impact of materials, processes, and techniques on art and art making, and understanding purpose and audience in art historical analysis.
Dance/Chorus/Music

Dance

Modern Dance I, II, III: This course is designed for the beginning to intermediate advanced level dancers. Students will study Ballet, Modern, and Jazz technique. Other areas of concentration may include dance fundamentals, skeletal system above/below the waist, contemporary dance, vocabulary, improvisation, yoga, conditioning, and choreography.

In accordance with the Gwinnett County Public School’s Academic Knowledge & Skills (AKS) handbook, all dance classes are required to participate in a dance production in a public performance. There are three mandatory after school rehearsals and two performances the week of the dance concert. Each student also will be required to participate in dance show. $75 annual fee associated with this course.

Chorus

Chorus I, II, III: The choral program of Shiloh High is designed to develop the student’s skill in vocal performance various genres of music and to teach choral knowledge acquired through music history, terminology, and performing various genres of music. Students will gain valuable skills needed to perform on a local, district, state, national, and international level.

Each choral student is responsible for $100 dues to cover gowns/tuxedos, registrations for festivals, trips, and operational costs associated with the SHS choral program. After-school rehearsals are kept at a minimum of once every two weeks and increasing as we get closer to performances. We have a total of 4 main performances at Shiloh High School along with various performances throughout the community.

Music Theory / Technology

Music Theory: This course offers students an opportunity to learn and utilize the concepts of basic music theory. Reading and writing musical notation, rhythms, and key signatures combined with using proper musical terminology will allow students to better understand and appreciate music, as well as give them the tools necessary to write and compose simple songs.

Music Technology

Beginning Music Technology: Students learn computer basics and are introduced to MIDI sequencing applications in addition to tracing their historic development. Students will create original multi-track sequences, original musical compositions, learn the electronic keyboard (synthesizer), and MIDI sequencing techniques by creating a multi-track sequence of background music for a specific setting, such as movie/ TV score, computer game, commercial, etc. Students apply MIDI editing features and drum kits. Prerequisite: 2 semesters of Music Theory or passing of basic Music Theory proficiency test.

Intermediate Music Technology: Students will learn advanced MIDI sequencing software and notation software. Students will create original multi-track sequences and original musical compositions. Advanced music theory techniques are introduced in this course. Student will utilize basic microphone applications. Prerequisite: 2 semesters of Beginning Music Technology.

Advanced Music Technology: Students will be arranging, recording, and printing music, including an overview of synthesizers/controllers, software, and sound production to create music and other media utilizing a computer workstation. Students will create a musical portfolio utilizing computer technology and advanced level music theory.
Theater

Acting

**Acting I:** This is the perfect course for the young actor, the first time performer, or a student who has performed but never had formal acting training. Through game play and fun collaborative exercises, students will learn a variety of acting strategies, techniques and essential skills for stage, all while exploring story and character.

**Acting II:** In Advanced Drama I students will learn set, costume, and lighting design, as well as the elements necessary to cast a play, create properties, sound design, and basic play writing. Students must actively participate in this project-based class.

**Acting III:** This course provides students opportunities to develop an appreciation and respect for the craft of acting as well as for the collaborative effort of all involved in producing works of theater/film. Attention is also given to improvement of personal and interpersonal skills through collaborative work and dramatic activities including improvisation and scene work.

**Acting IV:** Students will develop a greater appreciation for the aesthetics of the dramatic arts, and criteria of an effective performance, and awareness of the historical influences and contributions of the theater by producing and performing the school’s theatrical productions. Through reading of the textbook and scripts, all aspects of the design process, and participating in the acting and directing aspects of productions, students will have an opportunity to become keenly aware of the theater world and the performing arts as a profession while preparing the school’s plays!

**Musical Theater:** This class focuses primarily on ensemble work with group numbers and scenes in musical theatre. Practice integrating acting, singing and movement skills while preparing to perform a showcase of musical numbers, scenes and acting exercises for family and friends on the final class. *(Audition class)*

Band

**Band I, II, III, IV:** This class focuses primarily on ensemble work with group numbers and scenes in musical theatre. Practice integrating acting, singing and movement skills while preparing to perform a showcase of musical numbers, scenes and acting exercises for family and friends on the final class. *(Audition class)*

Orchestra

**Intermediate I:** Open to any student with three or more years of class instruction. Most freshmen will be placed in this orchestra. Students will build their technique working towards mastery of three octave scales, upper positions, vibrato, tone, and intonation. Performs Level III and IV music in concerts.

**Intermediate II, III:** Open to any student who has completed one year of concert orchestra or by teacher recommendation. Most upper classmen will be placed in these orchestras. Students will build their technique working towards mastery of: three octave scales, upper positions, vibrato, tone, and intonation. Performs Level IV music in concerts.

**Advanced Orchestra:** Open to any student by who have completed one year in concert and symphonic orchestras or by teacher recommendation. Students will build their technique working towards mastery of: three octave scales, upper positions, vibrato, tone, and intonation. Performs Level IV and V music in concerts. **Private lessons are strongly recommended.** Students are strongly encouraged to own an advanced step-up instrument and bow and keep it maintained with professional quality strings and bows re-haired as needed.
Audio/Video Technology and Film

Audio, Video, Technology and Film I (AVTF I): This course covers video pre-production, production, and post-production. Students will participate in the planning, shooting, and editing of video projects. AVTF I provides an introduction to video production from the perspective of careers in television journalism, sports broadcasting, and film production. Upon completion of all three courses in the AVTF pathway, students will have the opportunity to take an End of Pathway Assessment.

Audio, Video, Technology and Film II (AVTF II): This course covers program formats, advanced editing, and graphics design for video. Students will participate in a studio production that includes advanced lighting and staging, and blocking. AVTF II teaches intermediate video production from the perspective of careers in television journalism, sports broadcasting, and film production. Upon completion of all three courses in the AVTF pathway, students will have the opportunity to take an End of Pathway Assessment.

Audio, Video, Technology and Film III (AVTF III): This course covers media law, career preparation, and video portfolio preparation. Students will independently plan, shoot, and edit an original project. AVTF III teaches advanced video production from the perspective of careers in television journalism, sports broadcasting, and film production. Upon completion of all three courses in the AVTF pathway, students will have the opportunity to take an End of Pathway Assessment.

Air Force JROTC

JROTC 100: Introduces cadets to AFJROTC, providing a basis for progression through the rest of the program while instilling elements of good citizenship. As such, it should be the first LE course taken by new cadets. It contains sections on uniform wear, customs, courtesies, and other military traditions, health and wellness, fitness, ethical and moral behaviors, and citizenship.

JROTC 200: Communication, Awareness, and Leadership: Essential component of leadership education for today’s high school students. This course is designed to prepare students for success as cadets, students and members of their communities during their high school years and beyond.

JROTC 300: Life Skills and Career Opportunities. Designed to prepare students for life after high school in the high-tech, globally oriented, and diverse workplace of the 21st century.

JROTC 400: The cadets manage the entire cadet corps. This hands-on experience affords the cadet the opportunity to put the theories of previous leadership courses into practice. All the planning, organizing, coordinating, directing controlling, and decision making, personal interaction, managerial, and organizational
Teaching as a Profession

**Examine the Teaching Profession:** This course covers the career paths in education, instructional planning, and the role of assessment as part of the teaching process. Students will investigate effective learning environments and analyze procedures and strategies to provide differentiated learning opportunities for all students. Examining the Teaching Profession provides an introductory look at becoming an educator. Upon completion of all three courses in the Teaching as a Profession pathway, students will have the opportunity to take an End of Pathway Assessment.

**Contemporary Issues in Education:** This course covers school system enhancement, cultural influences on education, and multiple perspectives of education. Students will understand the meaning of education in diverse contexts and the morals and ethics connected to democracy in schools today. Contemporary Issues Education provides an advanced look at becoming an educator. Upon completion of all three courses in the Teaching as a Profession pathway, students will have the opportunity to take an End of Pathway Assessment.

**Teaching as a Profession Practicum:** This course covers critical thinking and problem solving skills, classroom management techniques, and philosophies connected to education. Students will demonstrate employability skills and the knowledge learned through the Teaching as a Profession Pathway. Teaching as a Profession Practicum provides a real-life look at becoming an educator. Upon completion of all three courses in the Teaching as a Profession pathway, students will have the opportunity to take an End of Pathway Assessment.
**Sports Medicine**

**Introduction to Healthcare Science**: This course covers infection control, CPR/First Aid, and preventive health behaviors. Students will develop both employability and leadership skills. Introduction to Healthcare Science provides an introductory look at becoming a sports trainer. Upon completion of all three courses in the Sports Medicine Pathway, students will have the choice to take the End of Pathway Assessment.

**Essentials of Healthcare**: This course covers structure and functional organization of the body and disease investigation. Students will develop both employability and leadership skills. Essentials of Healthcare provides strengthening of skills and in look at becoming a sports trainer. Upon completion of all three courses in the Sports Medicine Pathway, students will have the choice to take the End of Pathway Assessment.

**Sports Medicine**: This course covers injury classification and evaluation, principles and concepts of healing, monitoring client health and principles of rehabilitation. Students will communicate within the physical medicine setting and demonstrate the process for basic assessment. The Sports Medicine course provides an advanced look at becoming a sports trainer. Upon completion of all three courses in the Sports Medicine Pathway, students will have the opportunity to take an End of Pathway Assessment.

**Pharmacy Technician**

**Introduction to Healthcare Science**: This course covers infection control, CPR/First Aid, and preventive health behaviors. Students will develop both employability and leadership skills. Introduction to Healthcare Science provides an introductory look at becoming a pharmacy technician. Upon completion of all three courses in the Pharmacy Pathway, students will have the choice to take the End of Pathway Assessment.

**Essentials of Healthcare**: This course covers structure and functional organization of the body and disease investigation. Students will develop both employability and leadership skills. Essentials of Healthcare provides strengthening of skills and in look at becoming a pharmacy technician. Upon completion of all three courses in the Pharmacy Technician Pathway, students will have the choice to take the End of Pathway Assessment.

**Pharmacy Operations and Fundamentals**: This course covers employability skills, pharmacy basics, and dosing considerations. Students will investigate compounding and IV Fluids. Pharmacy Operations and Fundamentals provides an introductory look at pharmacy technology professions. Upon completion of all three courses in the Therapeutic Services/Pharmacy career pathway, students will have the opportunity to take an End of Pathway Assessment.
### Marketing

**Marketing Principles:** This course covers the foundations of marketing, promotional activities, and financial knowledge. Students will understand customer behaviors and the economic environment in which they function. They will also evaluate different product development and pricing strategies that businesses use to keep their customers satisfied. Marketing Principles provides an introductory look at becoming a Marketing Director, or even a Sales Consultant. Upon completion of all three courses in the Marketing Management pathway, students will have the opportunity to take an End of Pathway Assessment.

**Marketing and Entrepreneurship:** Marketing and Entrepreneurship begins an in-depth and detailed study of marketing while also focusing on management with specific emphasis on the launch of a small business. Students will learn how to recognize business opportunities, understand the fundamental concepts of business ownership, prepare a marketing and financial plan, and present a visual presentation for startup investment funding. Upon completion of all three courses in the Marketing and Management pathway, students will have the opportunity to take the end of pathway assessment.

**Marketing Management:** This course covers business ethics, pricing strategies, and market research skills. Students will develop their selling skills as they work in the school-based enterprise each day during their class time and gain hands-on experience. Additionally, they will collaborate with the teacher to identify the factors affecting product/service planning. Marketing Management provides an advanced look at becoming a store merchandiser, or an owner of a retail store. Upon completion of all three courses in the Marketing and Management pathway, students will have the opportunity to take an End of Pathway Assessment.

### Graphic Design

**Introduction to Graphic Design:** This course covers available careers in the industry of graphic design, identifies the main elements of design, and the utilization of different digital formats. Students will execute the process creating custom graphics that identify with a central purpose and incorporate the basic elements of design. Introduction to Graphic Design provides an introductory look at becoming an entry level Graphic Designer. Upon completion of all three courses in the Graphic Design pathway, students will have the opportunity to take an End of Pathway Assessment.

**Graphic Design and Production:** This course covers employability skills, illustrating, and file management. Students will explore the different career opportunities of package design and explore methods for creating graphics for print. Graphic Design and Production provides an introductory look at becoming a Package Designer. Upon completion of all three courses in the Graphic Design pathway, students will have the opportunity to take an End of Pathway Assessment.

**Advanced Graphic Design:** This course covers Employability Skills, Portfolio Production and Project Development. Students will create a professional portfolio which displays their work and growth over the past 3 years. Advanced Graphic Design provides an introductory look at becoming an Art Director/ Project Manager and an advanced look at becoming a Senior Graphic Designer. Upon completion of all three courses in the Graphic Design pathway, students will have the opportunity to take an End of Pathway Assessment.
# Marketing

## Sports and Entertainment Marketing

**Marketing Principles:** This course covers the foundations of marketing, promotional activities, and financial knowledge. Students will understand customer behaviors and the economic environment in which they function. They will also evaluate different product development and pricing strategies businesses use to keep their customers satisfied. Marketing Principles provides an introductory look at becoming a Marketing Director, or even a Sales Consultant. Upon completion of all three courses in the Marketing Management pathway, students will have the opportunity to take an End of Pathway Assessment.

**Marketing and Entrepreneurship:** Marketing and Entrepreneurship begins an in-depth and detailed study of marketing while also focusing on management with specific emphasis on the launch of a small business. Students will learn how to recognize business opportunities, understand the fundamental concepts of business ownership, prepare a marketing and financial plan, and present a visual presentation for startup investment funding. Upon completion of all three courses in the Marketing and Management pathway, students will have the opportunity to take the end of pathway assessment.

**Marketing Management:** Advanced Sports and Entertainment Marketing is the third course in the Sports and Entertainment Marketing pathway. This course covers legal and ethical behaviors as they relate to sports and entertainment, the purpose of sports and entertainment marketing research, and the elements of risk associated with the industry. Students will develop promotional plans for sporting events and evaluate the economic impact the sports and industry market has on a city or community. Advanced Sports and Entertainment Marketing provides an advanced look at becoming a sports agent or event planner. Upon completion of all three courses in the Sports and Entertainment Marketing pathway, students will have the opportunity to take an End of Pathway Assessment.

## NEW!! Human Resources Management

**Human Resource Principles:** is the third course in the Human Resources Management Pathway. This course covers human resources principles, employment law, and employee benefits. Students will apply the basic human resources principles as they relate to managing an effective and efficient organization and examine employment law and ethics as they refer to contemporary issues in Human Resources Management. Human Resource Principles provides and advanced look at becoming a career in Human Resource Management. Upon completion of all three courses in the Human Resource Management pathway, students will have the opportunity to take an End of Pathway Assessment.

## Business and Technology

**Business Communications:** is the third course in the Business and Technology pathway. This course is designed to expose students to the value of communication in their personal and professional life. Students will learn how to create, edit, and publish professional-appearing business documents with clear and concise communications. Leadership and teamwork skills will be stressed as students work independently and collaboratively to master presentation software, as well as mastering professional presentation skills. Upon completion of all three courses in the Business and Technology pathway, students will have the opportunity to earn the Microsoft Office Specialist (MOS) Certification in either Word Expert or PowerPoint.