

# 2022-2023

## High School Course Selection Handbook



**James N. Gamble Montessori High School A Commitment to  
Learning Every Day**



## James N. Gamble Montessori Graduation Requirements Class of 2023 and Beyond

*\*Prior to completing course optioning each year, a student and their caregivers should review these important requirements and considerations:*

### CORE CREDITS – 15 CREDITS

- English Language Arts – 4 credits
- Mathematics – 4 Credits
  - Algebra I
  - Geometry
  - Algebra II
  - Advanced Math
- Science – 3 Credits
  - 1 Physical Science
  - 1 Biological Science
  - 1 Advanced Science
- Social Studies – 3 Credits
  - 1 American History
  - 1 Modern World History
  - 1 Government / Economics
- Health – 0.5 Credits
- Physical Education – 0.5 Credits
  - 2 semesters (each semester counts as 0.25 credit)
  - PE Waiver

### ELECTIVE CREDITS – 9 CREDITS

- Fine Arts – 1 Credit
  - 1 year-long course or 2 semester-long courses
- World Language – 2 Credits
  - Students should complete two years of same language
- Intersession – 2 Credits
- 4 Additional credits including (but not limited to);
  - A 4th year of science and/or
  - A 4th year of social studies and/or
  - 2 additional fine arts units (indicating a major in fine arts) and/or
  - 2 units of college-preparatory work

### NON-CREDIT REQUIREMENTS

- Senior Project
- All required community service (Gators Give Back)
- Additional requirements for Class of 2022 (<http://bit.ly/GradRequirements2022>)
- Additional requirements for Class of 2023 and beyond (<http://bit.ly/GradRequirements2023>)

## Honors Diploma Requirements

The student who completes the high school Academic Pathway for an honors diploma must meet at least **seven of the following** eight criteria:

1. Earn four units of English
2. Earn at least four units of mathematics which shall include algebra I, algebra II, geometry and another higher level course, or a four-year sequence of courses which contains equivalent content
3. Earn at least four units of science including two units of advanced science
4. Earn four units of social studies
5. Earn three units of world languages (must include no less than two units for which credit is sought), i.e., three units of one world language or two units of two different languages\*
6. Earn one unit of fine arts
7. Maintain an overall unweighted high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year\*
8. Obtain a composite score of 27 on the American college testing services' ACT assessment (excluding the optional writing test) or a combined score of 1280 on the College Board's SAT verbal and mathematics sections\* (excluding the required writing section).

*Items marked with an "\*" indicate elective coursework and/or individual achievement standards. All other requirements are met by completing a Gamble Montessori course of study.*

### Agriculture CTE Pathway Information

| Industry Credential  | Required Courses   | Additional Requirements   |
|--|--|---|
| Center for Innovative Food Technology Approved Food Industry Specialist (12 points)<br><a href="https://ciftinnovation.org/services/cift-food-industry-credentials-for-students/">https://ciftinnovation.org/services/cift-food-industry-credentials-for-students/</a> | <ol style="list-style-type: none"> <li>1. Agriculture, Food &amp; Natural Resources</li> <li>2. Science &amp; Technology of Food</li> <li>3. Food Marketing &amp; Research</li> <li>4. Applications of Food Science &amp; Safety</li> </ol>  | <ol style="list-style-type: none"> <li>1. 480 hours of training in courses</li> <li>2. 500 hours of hands-on experience documented through journaling</li> <li>3. Minimum proficiency scores on WebXams</li> </ol>  |
| Ohio Agribusiness Association-Agribusiness and Production Systems Certification (12 points)<br><a href="https://www.oaba.net/aws/OABA/pt/s/p/student_credential">https://www.oaba.net/aws/OABA/pt/s/p/student_credential</a>   | <ol style="list-style-type: none"> <li>1. Agriculture, Food &amp; Natural Resources</li> <li>2. Science &amp; Technology of Food</li> <li>3. Environmental Science for Agriculture and Natural Resources</li> <li>4. Business Management for Agricultural and Environmental Systems</li> </ol> | <ol style="list-style-type: none"> <li>1. SAE must be an entrepreneurial, placement, or research-driven project pertaining to the agriculture industry</li> <li>2. 500 hours of hands-on experience documented through journaling</li> <li>3. Identify the Ohio Agricultural &amp; Environmental Systems Career Field Technical Content Standards achieved through their SAE</li> <li>4. Minimum proficiency scores on WebXams</li> </ol> |

#### Workkeys

WorkKeys is a system of assessments and curriculum that build and measure essential workplace skills that can affect your job performance and increase opportunities for career changes and advancement. By completing the assessments, students can earn the National Career Readiness Certificate® (NCRC®). This test is administered by the same organization that runs ACT testing.

<http://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Industry-Recognized-Credentials/Integrating-Industry-Recognized-Credentials-and-Workkeys>

#### CTAG & CCP

Earning college credit through agriculture classes is a great way to jumpstart your secondary education career.

Learn more by emailing Kelly Mills at [millske@cpsboe.k12.oh.us](mailto:millske@cpsboe.k12.oh.us) and by researching this website:

<https://www.ohiohighered.org/transfer/ct2/earning-college-credit>



|                           |  |
|---------------------------|--|
| Advanced<br><br>2022-2023 | <p><b>Environmental Science for Agriculture and Natural Resources (010720)</b></p> <p>Students will study relationships between organisms and their environment. Principles of biogeochemical cycles, air-water-land relationships, non-point pollution, and wetlands will be applied. Students will examine fundamentals of resource development, agriculture sustainability, energy needs and pollution control. They will analyze and interpret data gathered from studies on the ecosystem. Throughout this course, students will develop responses to environmental problems and develop management strategies for responsible conservation and resource development.</p> <p>- Prerequisite: Agriculture, Food and Natural Resources<br/>-Additional opportunity to retake WebXam for Agriculture, Food and Natural Resources if needed</p> |
|---------------------------|--|

## UC Information Technology CTE Pathway Information

| Course Level<br>Years Offered | Course Descriptions   |
|-------------------------------|---|
| Foundational<br><br>2022-2023 | <p><b>Information Technology (UC) Year–1 credit (HS)</b></p> <p>The Fundamentals of IT is an introductory course to the University of Cincinnati’s Information Technology major; the course also serves as an elective course for other programs at the university, and is a core course for students in the Early IT Program. To serve as a building block of each of these roles, the course is designed to introduce students at all levels to the field of information technology. In addition to the learning objectives of the course, students who complete the Fundamentals of IT should have: an elevator speech to answer the question “what is IT?”, have a solid understanding of core areas of specialization with IT, know of several IT career paths, and have a conversational understanding of fundamental concepts related to hardware, software, networking, and collaborative IT design processes relevant to industry. Successful participants will gain automatic entry to UC's IT program after graduation and be eligible to participate in a UC Co-op (employment!) during the summer prior to their freshman year of college.</p> |
| Advanced<br><br>2023-2024     | <p><b>Web Design (UC) Year –1 credit (HS) PreRequisite= UCIT Intro to IT (see above)</b></p> <p>UC course “Fundamentals of Web Development” This is a foundation course in Web Technology that covers the underpinnings of the technology and a variety of modern standards. The course covers modern web standards, well-formed and valid documents, semantic XHTML/HTML, user-centered design of static web sites, styling and layout of Web documents with CSS, common tools for Website development. Emphasis is on coding syntactically correct Web documents which are also visually appealing, and accessible to users using assistive technologies. This course covers material up to the use of scripting which is introduced in the next course in the sequence. You will learn HTML5, CSS3, responsive and user-centric design, XML, and SVG. Hands-on active learning required.</p>   |
| Advanced<br><br>2023-2024     | <p><b>Computer Programming I Semester .5 credit (HS) PreRequisite=UCIT Yr 1 and Yr 2</b></p> <p>This course introduces students to object- oriented computer programming and problem solving. Students will learn about the basic elements of a computer program such as data types, basic control structures, graphical interface, event-driven programming, and program debugging. Hands-on learning active learning required</p>   |
| Advanced<br><br>2023-2024     | <p><b>Database Management I Semester .5 credit (HS) PreRequisite=UCIT Yr 1 and Yr 2</b></p> <p>This is an introductory course to the technology used for database development. Topics include the key database concepts, writing queries to retrieve, insert, update, and delete data from databases, and additional database features. Enterprise database management system will be used. Ands-on active learning required.</p>   |

***\*The following courses are elective offerings related to Information Technology.***

### Drone Technology & Application

*Gr: 11/12 Dur: Sm Cr: 0.5 Prerequisite: None*

The Drone Technology and Application course will help prepare students for the evolving skills that are needed in the future workplace through hands-on Montessori instruction. As we work toward developing 21st-century skills, students will be learning about drone technology and how it can be applied to future career opportunities. Throughout the course, students will be working with their classmates and their teacher to understand how drone technology can be used throughout several business industries.

# Gamble Montessori High School Course Descriptions

## English/ELA Courses

### English 9

*Gr: 9 Dur: Yr Cr: 1.0 Prerequisite: None*

This course provides a survey of various text types and genres. Students have the opportunity to engage in reading, writing, research, & technology. There is an emphasis on listening and speaking skills. Students will make connections to real-world experiences while demonstrating proficiency of the writing process through routine writing tasks and larger works.

### English 10

*Gr: 10 Dur: Yr Cr: 1.0 Prerequisite: English 9*

This course for tenth grade students will incorporate major works from a variety of genres and styles. Students will examine both literary and informational texts to further develop their critical thinking skills. Analysis and synthesis play a central role in the experience of this course. Students will be challenged to use evidence from texts in their written and oral responses. The course selections will engage students in gaining a deeper understanding of the society across cultures.

### English 11

*Gr: 11 Dur: Yr Cr: 1.0 Prerequisite: English 9 and English 10*

Integrated Language Arts Instruction addresses the content and skills in Ohio's Learning Standards for English Language Arts. Instruction should be based on the standards for grade 11. Students will read a variety of texts for different purposes, utilize the writing process, write for different purposes and different audiences, research self-selected or assigned topics, use an appropriate form to communicate their findings, and continue to use effective communication techniques.

### English 12

*Gr: 12 Dur: Yr Cr: 1.0 Prerequisite: English 9, English 10, English 11/AP* Integrated Language Arts Instruction addresses the content and skills in Ohio's Learning Standards for English Language Arts. Instruction should be based on the standards for grade 12. Students will read a variety of texts for different purposes, utilize the writing process, write for different purposes and different audiences, research self-selected or assigned topics, use an appropriate form to communicate their findings, and continue to use effective communication techniques.

### AP English Language and Composition

*Gr: 11 Dur: Yr Cr: 1.0 Prerequisite: English 9 and English 10*

This advanced course is centered around the reading and writing standards in Ohio's Learning Standards for English Language Arts. It is designed to develop the writing and language skills students need for success in their secondary school program, in their daily lives, and in a global society. Students will compose oral, written, and media text consisting of organized subject matter and experiences emphasized in English. The course prepares students to take the national AP exam.

### College Credit Plus English Composition 1

*Gr: 12 Dur: Sem Cr: 1.0 Prerequisite: English 9 and English 10 and English 11/AP English \*MUST BE ACCEPTED INTO CCP PROGRAM\**

Writing and revising process, academic and argumentative essays; literary examples of descriptive, narrative, expository, and persuasive modes; language issues and library skills. Writing intensive. Primary focus on formal, written work, composed for a variety of audiences. Students who are successful in this course will receive high school and college credit

***\*The following courses are elective offerings and do not count toward ELA graduation requirements***

### Creative Writing

*Gr: 9-10 Dur: Sem Cr: 0.5 Prerequisite: None*

This course will provide instruction in writing. Students will develop their writing with a focus on expository and persuasive techniques. Journals will be kept and portfolios will be maintained throughout the class. Instruction will be centered around the writing standards in Ohio's Learning Standards for English Language Arts.

### Leaders in Literacy (Rds/Wrt Prof)

*Gr: 9-12 Dur: Sem Cr: 0.5 Prerequisite: Teacher Recommendation*

An opportunity to tutor 4th grade students in reading and writing. Each week we travel to Dater Elementary, where each student is paired with a "tutoring buddy" to work through writing exercises, participate in read-alouds, and foster relationships. Our focus is on increasing literacy while fostering a love for reading.

## Mathematics Courses

### Algebra I

*Gr: 9/10 Dur: Yr Cr: 1.0 Prerequisite: None*

The first course in a four-year sequence that addresses the high school portion of the Ohio Learning Standards for Mathematics. Algebra is the study of unknown quantities. This course will further develop the student's understanding of the properties of real numbers. The concept of a function will be formalized in mathematical language. Properties of functions will be explored numerically, graphically, analytically, and verbally. Students will be expected to use technology to discover relationships, test conjectures, and solve problems. Students will communicate their understanding of linear, quadratic, exponential functions (both formally and informally) through expressions, equations, modeling and contextual application.

### Geometry

*Gr: 9/10 Dur: Yr Cr: 1.0 Prerequisite: None*

The second course in a four-year sequence that addresses the high school portion of Ohio's Learning Standards for Mathematics. Geometry is a branch of mathematics that deals with the measurement, properties, and relationships of points, lines, angles, surfaces, and solids. There are 6 critical areas of focus: applications of probability; congruence, proof, and constructions; similarity, proof, and trigonometry; connecting Algebra & Geometry through coordinates; circles; and extending to three dimensions.

### Algebra II

*Gr: 11 Dur: Yr Cr: 1.0 Prerequisite: Algebra I & Geometry*

The third course in a four-year sequence that addresses the high school portion of the Ohio Learning Standards for mathematics. In Algebra 2, students build on Algebra 1 and Geometry experiences, both deepening their understanding of relations and functions and expanding their repertoire of familiar functions. Students will analyze contextual situations involving functions. They will examine functions using graphic, numeric, analytical and verbal models. Students will further investigate the properties of logarithmic, exponential, polynomial and rational functions including end behavior, asymptotes, intercepts and transformations. Students will apply this knowledge to geometric and statistical concepts.



### Pre-Calculus

*Gr: 11/12 Dur: Yr Cr: 1.0 Prerequisite: Algebra II*

The fourth course in a four-year sequence which addresses advanced content in Number and Quantity, Algebra, Functions, Geometry and Statistics and Probability, and/or the conceptual underpinnings of calculus. Pre-calculus is designed to prepare students for calculus. Students will gain an introductory understanding of convergence and divergence. They will collect, analyze and draw conclusions from data. Pre-calculus will deepen the student's algebraic foundation to solve complex problems involving polynomial, rational, logarithmic, and trigonometric functions. Those skills will help students develop an intuitive understanding of limits and continuity.

### Probability & Statistics

*Gr: 11/12 Dur: Yr Cr: 1.0 Prerequisite: Algebra II*

In-depth study of probability, data analysis, and statistics including applying the concept of random variables to generate and interpret probability distributions, transforming data to aid in interpretation and prediction, and testing hypotheses using appropriate statistics.

### AP Statistics

*Gr: 11/12 Dur: Yr Cr: 1.0 Prerequisite: Algebra II*

There is a lot of data thrown at us by media outlets and on social media, about the pandemic, politics, and so many other things, but what are we to believe? How can we trust this data? In this class, we will examine data and draw our own conclusions, instead of allowing the media to do it for us. We will also answer questions like, "Are the distribution of the colors of M&M's really as equal as the company claims?", "How do I win the Mega Millions?", "Do chip companies really put the correct amount of chips in the bag or are they shorting us?" To take this course, you must be a Junior or Senior who has passed Algebra II. This course is equivalent to an introductory, non-Calculus based college course in Statistics, and if you receive a C or higher it can improve your GPA. So join me in answering the questions we have about the world around us! It's going to be fun and interesting!

## Science Courses

### Physical Science

*Gr: 9/10 Dur: Yr Cr: 1.0 Prerequisite: None*

High school level course that satisfies Ohio's science graduation requirements, which requires inquiry-based laboratory experiences that engage students in asking valid scientific questions and gathering and analyzing information. Course includes content found in Ohio's Learning Standards and Model Curriculum for Science, High School Physical Science.

### Biology

*Gr: 9/10 Dur: Yr Cr: 1.0 Prerequisite: None*

Biology enhances scientific literacy through a program that emphasizes the impact of biology on society. Each unit focuses on a science-related technological issue now confronting our society and the world. The topic serves as the basis for introducing the biology needed to understand it. Areas such as the cell, genetics (including genetic engineering), heredity, ecology, molecular biology, structures and functions of both plants and animals and natural resources management are stressed. Decision-making activities and problem-solving opportunities are included. Career opportunities in the biological sciences are examined. Laboratory experiences are required.

### Anatomy & Physiology

*Gr: 11/12 Dur: Yr Cr: 1.0 Prerequisite: None*

In this course, students will demonstrate knowledge of body systems with emphasis on the interrelationships between structure and physical function. Students will analyze and evaluate how the body systems respond to physical activity, disease, and aging. Students will use data acquisition software to monitor abnormal physiology and body functions (e.g., muscle movement, reflex, respiratory, and voluntary actions). Further, students will analyze descriptive results of abnormal physiology and evaluate clinical consequences. Offered 2023-2024

### Chemistry

*Gr: 11/12 Dur: Yr Cr: 1.0 Prerequisite: None*

Chemistry is a laboratory-based course designed to prepare students for advanced study in science. Topics include measurement, classification of matter, chemical reactions, stoichiometry, nuclear reactions, atomic theory, chemical bonding, organic chemistry, gas laws/kinetic theory. Offered 2022-2023

### Environmental Science

*Gr: 11/12 Dur: Yr Cr: 1.0 Prerequisite: None*

This course emphasizes human interactions with the global environment. Topics will include environmental problem solving, ecosystems, population issues, energy and resources. Offered 2022-2023

### Physics

*Gr: 11/12 Dur: Yr Cr: 1.0 Prerequisite: None*

This course is designed to build a conceptual understanding of the physical laws and natural processes needed to appreciate how the science of physics is involved in everything a person experiences every day. This course is recommended for those interested in a well-rounded, liberal arts background in preparation for college. Topics studied include: motion, forces, energy properties of matter, sound, light, electricity and magnetism, and atomic and nuclear physics with applications to environmental and social issues. Laboratory exercises reinforce the concepts developed in class. Offered 2023-2024

### AP Environmental Science

*Gr: 11/12 Dur: Yr Cr: 1.0 Prerequisite: Biology and Physical Science*

This course provides students with scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems and to examine alternative solutions. The course stresses not only scientific principles and analysis, but also emphasizes environmental issues from a social and political perspective. It is expected that students will take the AP exam associated with this course. Offered 2022-2023

## Social Studies

### Modern World History

*Gr: 9/10 Dur: Yr Cr: 1.0 Prerequisite: None*

The study of multiple civilizations outside of the United States. This course is intended to provide a foundation for students to understand the major issues facing the world today. Must cover more than one region of the world to fulfill the Ohio Graduation requirement for World History and Civilizations.

### U.S. History

*Gr: 9/10 Dur: Yr Cr: 1.0 Prerequisite: None*

The study of American history from Reconstruction to the present. Course content may follow the Ohio's Learning Standards and Model Curriculum for American history. Upon completion of this course, students may take the American history end of course exam.

## American Government

*Gr: 11 Dur: Yr Cr: 1.0 Prerequisite: None*

The study of institutions and processes through which decisions are made for the United States. Course may follow Ohio's Learning Standards and Model Curriculum for American government. Upon completion, students may take the American government end of course exam.

## Psychology/Sociology

*Gr: 12 Dur: Sm (each); Yr (combined) Cr: 0.5 (Sm); 1.0 (Yr) Prerequisite: None*

The study of the human mind and its influence on behavior; The study of social relationships, institutions, and group behavior in societies.

***\*The following courses are elective offerings related to Social Studies***

## African American History

*Gr: 9-12 Dur: Sem Cr: 0.5 Prerequisite: None*

Students of this class will begin their study of the Black experience in America before this country even existed - during the age of strong African empires. We will follow the Black perspective of American history from the shameful times of slavery and segregation to the hopeful times of the civil rights movement and into the modern era of activism and backlash where race is as important to the American experience as it has been at any other time in our collective history. This will be a study of the history that doesn't show up in most textbooks.

## Anthropology

*Gr: 9-12 Dur: Sem Cr: 0.5 Prerequisite: None*

Starting with early hominids and moving into various cultures, we will explore humanity's origins and our place in an ever-changing world in this introductory course. And, along the way, we may find out what it means to be human.

## Law/Public Issues

*Gr: 9-12 Dur: Sm Cr: 0.5 Prerequisite: None*

Students in this class will study how national, state, and local civil and criminal laws impact their daily lives. We will examine the ways in which the legal system is supposed to work, and the ways in which it is fundamentally broken. We will also study constitutional law issues like free speech, freedom of religion, and the rights of people accused of crimes. Students may have the opportunity to participate in a mock criminal or civil trial as well.

## AP Human Geography

*Gr: 10-12 Dur: Yr Cr: 1.0 Prerequisite: Modern World History*

The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

## World Languages

### American Sign Language I

*Gr: 9-12 Dur: Yr Cr: 1.0 Prerequisite: None*

This course develops proficiency in American Sign Language (ASL), a complex visual-spatial language used by the Deaf community in the United States and Canada. Students will build interpretive receptive skills, such as signing and fingerspelling, as well as interpersonal interactive skills, and presentational expressive skills to share information visually.

### American Sign Language II

*Gr: 10-12 Dur: Yr Cr: 1.0 Prerequisite: American Sign Language I*

In ASL II students continue to develop proficiency in American Sign Language (ASL), a complex visual-spatial language used by the Deaf community in the United States and Canada. Students will build interpretive receptive skills, such as signing and fingerspelling, as well as interpersonal interactive skills, and presentational expressive skills to share information visually.

### Korean 1

*Gr: 9-12 Dur: Yr Cr: 1.0 Prerequisite: None*

In Korean I, students will be introduced to the culture and language of Korea. Students will be expected to learn to write and speak Korean, and to participate in a variety of cultural experiences at school and in the field.

### Korean 2

*Gr: 10-12 Dur: Yr Cr: 1.0 Prerequisite: Korean 1*

In Korean II, students will explore the culture and language of Korea. Students will be expected to learn to write, read, and speak Korean, and to participate in a variety of cultural experiences at school and in the field.

### Korean 3

*Gr: 11-12 Dur: Yr Cr: 1.0 Prerequisite: Korean 1 & Korean 2*

This course provides students with the language and cultural experiences necessary to continue developing proficiency. Students will investigate, compare, and reflect upon aspects of their own and others' cultures. While developing this intercultural competence, students will listen, speak, read, and write about familiar topics. Students work toward understanding the main idea in short, simple messages and texts, ask and answer questions in conversation, and present information in a series of simple spoken or written sentences. Earning three units of a world language is a requirement for an Honors diploma from Gamble and ODE.

### Spanish 1

*Gr: 9-12 Dur: Yr Cr: 1.0 Prerequisite: None*

This course provides students with the foundational language and cultural experiences necessary to develop proficiency. Students will investigate and reflect on their awareness of their own and others' cultures. While developing this intercultural competence, students will interact in familiar and everyday contexts by: recognizing some words and phrases they hear and read; asking and answering questions using memorized or practiced words and phrases; and speak and write using words, phrases, and memorized expressions when supported by visuals.

### Spanish 2

*Gr: 9-12 Dur: Yr Cr: 1.0 Prerequisite: Spanish 1*

This course provides students with the language and cultural experiences necessary to continue developing proficiency. Students will investigate and reflect on their awareness of their own and others' cultures. While developing this intercultural competence, students will interact in familiar and everyday contexts by using words, phrases, simple sentences, and memorized language to listen, speak, read, and write. Students work toward identifying some details and sometimes the main idea, asking and answering simple questions, and presenting information.

### Spanish 3/4

*Gr: 11-12 Dur: Yr Cr: 1.0 Prerequisite: Spanish 1 & Spanish 2*

Spanish 3/4 focuses on conversational Spanish and developing fluency in reading and speaking. Recommended for college-bound students. Earning three units of a world language is a requirement for an Honors diploma from Gamble and ODE.

## Physical Education/Health

### Physical Education (P.E.)

*Gr: 9-12 Dur: Sm Cr: 0.25 Prerequisite: None*

A comprehensive subject area which incorporates fundamental motor skills, body control and balance, physical fitness, leisure sports and games skills, cognitive skills, as well as stress management skills. Gym shoes and appropriate attire are required.

### Weight Training

*Gr: 11/12 Dur: Sm Cr: 0.25 Prerequisite: PE 1 and teacher recommendation*

This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of weight training, strength training, aerobic training, and overall fitness training and conditioning. Course includes both lecture and activity sessions. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

### Senior High Health

*Gr: 9-12 Dur: Sm Cr: 0.5 Prerequisite: None*

This health education course provides students with the knowledge and skills needed to make healthy lifetime decisions.

## Fine Arts

### (Performing Arts)

#### Beginning Band

*Gr: 9-12 Dur: Sm Cr: 0.5 Prerequisite: None*

Interested in learning a wind band instrument? Start here. Prerequisite for Advanced High School Band

#### Advanced Band

*Gr: 9-12 Dur: Yr Cr: 1.0 Prerequisite: Previous participation or comparable experience (speak with Band director)*

HS Advanced Band is an advanced-level performing ensemble in which students continue to develop the skills they learned in Junior High Band. Students practice their instruments at home to prepare to work together in class as we rehearse a variety of music in preparation for evening concerts, which are scheduled once per quarter.

#### Beginning Steel Drum Band

*Gr: 9-12 Dur: Sm Cr: 0.5 Prerequisite: None*

Learn the basics and easy steel band tunes. Students should have 1 or less sem. experience with Steel Band.  
Prerequisite for Advanced Steel Band

#### Advanced Steel Drum Band

*Gr: 10-12 Dur: Sem Cr: 0.5 Prerequisite: two or more semesters in steel band or director approval*

Performance group that will be performing in the community outside of the school day. Advanced level music.

#### Choir

*Gr: 9-12 Dur: Yr Cr: 1.0 Prerequisite: Must have at least one year of choir at Gamble OR speak with the director for approval.*

A performance class focusing on vocal production, score reading, and performance skills with a variety of music spanning 400 years! Community Outreach, and evening school performances will be required. Previous experience preferred.

## Fine Arts

### (Visual Arts)

#### 2-D Design

*Gr: 9-12 Dur: Sm Cr: 0.5 Prerequisite: None*

This course emphasizes study of the elements and principles of art and design. Students explore, organize, and use the elements and principles to create two- and three-dimensional original work in various forms and media.

#### Advanced Studio Art/Art XX

*Gr: 10-12 Dur: Sm Cr: 0.5 Prerequisite: 2-D design or Painting; Ceramics or Textiles AND teacher recommendation*

This course is for students who desire to work at a more in depth level to develop stronger art skills. The course will focus on design, drawing and painting, with an opportunity for independent study. Written reflections and class critiques will help further develop critical thinking and creative expression.

#### AP Art History

*Gr: 11/12 Dur: Yr Cr: 1.0 Prerequisite: None*

The AP Art History course welcomes students into the global art world to engage with its forms and content as they research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the students develop in-depth, holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, developing understanding of individual works and interconnections across history. AP Art History is the equivalent of a two-semester introductory college or university art history survey course.

#### Ceramics 1

*Gr: 9-12 Dur: Sm Cr: 0.5 Prerequisite: None*

Students will work regularly with clay and associated tools, and a kiln, students will learn to make pottery for aesthetic and practical purposes.

#### Ceramics 2

*Gr: 10-12 Dur: Sm Cr: 0.5 Prerequisite: Ceramics 1*

Students will work regularly with clay and associated tools, and a kiln. Students will learn the advanced skills to make pottery for aesthetic and practical purposes.

#### Painting

*Gr: 9-12 Dur: Sm Cr: 0.5 Prerequisite: None*

Acrylics, oils, and watercolors are explored to create original personal images. Paintings by culturally and historically representative artists are examined for their formal, expressive, and technical qualities. Students may only earn credit for this course once.

#### Textiles

*Gr: 9-12 Dur: Sm Cr: 0.5 Prerequisite: None*

In this course students will explore a broad range of topics relating to the various aspects and career opportunities available in the field of textiles and design. The emphasis will be given to textiles project development and developing strategies to maintain the home. Additional topics will include project collaboration, design techniques and environmental sustainability.

## Other Gamble Program Components

### Credit Recovery

*Gr: 9-12 Dur: Sm Cr: Based on course Prerequisite: Counselor Recommendation*

A dedicated course for students to have a chance to earn core credit that they previously failed and need to graduate.

### Fall Intersession

*Gr: 9-12 Cr: .25 Prerequisite: None*

### Freshman Advisory + (Freshman Focus)

*Gr: 9 Dur: Yr Cr: 1.0 Prerequisite: None*

The jump from junior high to high school is a major transition in a student's academic career, and it presents a diverse set of challenges. This class is designed to help freshmen navigate their first semester of high school so they can develop the skills and habits needed to thrive academically and socially. Students will also participate in the #WinAtSocial program from *The Social Institute*. This program seeks to empower students to navigate their social world positively — including social media and technology — to fuel their health, happiness, and future success.

### Senior Advisory + (Life Planning with Career Mentorship)

*Gr: 12th Dur: Yr Cr: 1.0 Prerequisite: None*

This class will provide post-secondary planning support, work towards completion of graduation pathway requirements, and credit recovery and/or academic progress support. Students will also participate in the #WinAtSocial program from *The Social Institute*. This program seeks to empower students to navigate their social world positively — including social media and technology — to fuel their health, happiness, and future success.

### Junior Advisory + (Career Planning)

*Gr: 11th Dur: Yr Cr: 1.0 Prerequisite: None*

This class will provide ACT Bootcamp, work towards completion of graduation pathway requirements, and credit recovery and/or academic progress support. Students will receive instruction in strategies to improve learning and develop study skills; e.g., tips to improve study habits and test performance. Students will also participate in the #WinAtSocial program from *The Social Institute*. This program seeks to empower students to navigate their social world positively — including social media and technology — to fuel their health, happiness, and future success.

### Senior Project

*Gr: 12 Dur: Yr Cr: 1.0 Prerequisite: None*

Research Project for all seniors including Gators Give Back requirements

### Sophomore Advisory + (Strategies for Academic Success)

*Gr: 10th Dur: Yr Cr: 1.0 Prerequisite: None*

This class will provide post-secondary planning support, work towards completion of graduation pathway requirements, and credit recovery and/or academic progress support. Students will receive instruction in strategies to improve learning and develop study skills; e.g., tips to improve study habits and test performance. Students will also participate in the #WinAtSocial program from *The Social Institute*. This program seeks to empower students to navigate their social world positively — including social media and technology — to fuel their health, happiness, and future success.

### Spring Intersession

*Gr: 9-12 Dur: Intersession Cr: .25 Prerequisite: None*

### Study Skills

*Gr: 9-12 Dur: Yr Cr: 1.0 Prerequisite: IEP/Other (teacher recommendation)*

A class for students on IEPs. This class provides a dedicated time for students to work with their assigned intervention specialist for additional class support and organization.