

Gulfport High School

ACADEMIC GUIDE



Gulfport High School Academic Institutes

In elementary and middle schools, students in the Gulfport School District begin learning about career pathways through focused career awareness and development activities. As students reach high school, they continue the process of examining and identifying career paths that connect with their interests and skill sets, while focusing on mastery of a rigorous academic curriculum with an emphasis on ACT preparedness. As students reach their junior year, they will begin experiencing structured opportunities to receive real-world exposure to their area of interest through assigned opportunities such as: seminars, project-based learning, clinical observations, internships, and job shadowing. Students continue to attend academic, career-related and college course offerings, as well as participate in extracurricular activities and school events.

The Academic Institutes at Gulfport High allow students the opportunity to discover and develop their passions, while empowering them to choose an educational pathway that integrates their skills, aptitude, and interests. We are committed to partnering with students, parents, faculty, community and business leaders, and institutes of higher learning to foster a supportive and holistic educational environment. We strive to present an experience that strengthens the chance of success as students transition from high school to traditional college, technical college, the military or the job market.

CAB INSTITUTE

Communications, Arts and
Business

Business management and
administration
Marketing, sales and service
Finance
Hospitality and tourism
Arts, audio-visual technology
and communications

STEM INSTITUTE

Science, Technology,
Engineering and Mathematics

Engineering and mathematics
Architecture and construction
Transportation, distribution
and logistics
Manufacturing
Agriculture, food and natural
resources
Information technology

HHS INSTITUTE

Health and Human Services

Health sciences
Education and training
Government and public
administration
Law, public safety,
corrections and security

The following 32 courses are designated Honors:

Honors English 1,2
Honors World Literature
Honors Algebra 1,2
Honors Geometry
Honors Biology
Honors Chemistry
Algebra 3
Advanced Physics
Microbiology
Genetics
PSAT prep/skills
Sociology
Psychology
Advanced World Geography
French I,II,III
Spanish I,II,III
Mandarin Chinese I, II
Calculus
Advanced Math Plus Honors
Advanced Anatomy and
Physiology
Advanced Marine Biology
Advanced Zoology
Spatial Technology Remote
Spatial Technology Remote A/B

The following 17 courses are designated Advanced Placement:

AP Calculus
AP Statistics
AP Music Theory
AP Art Studio
AP Art History
AP Biology
AP Chemistry
AP Physics
AP World History
AP US History
AP American Government
and Politics
AP Comparative
Government/Field Studies
AP Macro Economics
AP English 11
AP English 12
AP French IV
AP Spanish IV

Grading Scale:

A 3.60-4.0
B 3.20-3.59
C 2.80-3.19
D 2.40-2.79
F 0-2.39

The following 4 courses are designated Dual Credit:

English Language Composition
I,II
College Algebra
College Biology
World Civilization I, II

Class Rank and GPA:

Grades are weighted using the
following factors:

Honors Courses:

$(\text{Grade}) \times (1.05) = 5\% \text{ Gain}$

Advanced Placement Courses:

$(\text{Grade}) \times (1.10) = 10\% \text{ Gain}$

Dual Credit Courses:

$(\text{Grade}) \times (1.05) = 5\% \text{ Gain}$

Other Courses:

$(\text{Grade}) \times (1.00) = \text{No Change}$

ENGLISH

ENGLISH LANGUAGE I CCSS

1 credit

Prerequisite: None **Course length:** 1 term

This course combines a study of English grammar usage, writing, speaking, reading, listening, and viewing skills into the study of literature and language. Students are introduced to research skills, critical thinking skills, analysis of literature, and the writing process. These skills are emphasized through a variety of writing assignments and projects in conjunction with the reading of various literary forms and styles. Students enrolled in this course will be preparing for the state English assessment given after English Language II.

HONORS ENGLISH LANGUAGE I CCSS

1 credit/5% weight

Prerequisite: Review of 8th grade English grade and Aspire score **Course length:** 1 term

This course is designed for the motivated and responsible student who has displayed a high level of mastery in seventh and eighth grade language arts. In addition to the regular ninth grade language arts course work, students will participate in units both in and out of class including projects, reading and writing assignments, and vocabulary designed to challenge the student in areas of composition, literary analysis, and critical thinking. Strong motivational skills and excellent attendance are a must for this class. Students enrolled in this course will be preparing for the state English assessment given during English Language II and AP course work if students choose to continue on this pattern.

WORLD LITERATURE

1 credit

Prerequisite: None **Course length:** 1 term

World Literature is typically taken in the 9th grade after a student finishes English Language I. World Literature is an examination of literary works that have contributed significantly to the thinking of humankind and have contributed greatly to various cultures. In this course, students will read a variety of masterpieces and influential literary works. This course will require reading of literature from the ancient classical period to the twentieth century and it will cover such readings as plays, poetry, novels, and short stories.

HONORS WORLD LITERATURE

1 credit/5% weight

Prerequisite: Review of 8th grade English grade and Aspire score **Course length:** 1 term

World Literature is typically taken in the 9th grade after a student finishes English Language I. World Literature is an examination of literary works that have contributed significantly to the thinking of humankind and have contributed greatly to various cultures. In this course, students will read a variety of masterpieces and influential literary works. This course will require reading of literature from the ancient classical period to the twentieth century and it will cover such readings as plays, poetry, novels, and short stories. This honors course will prepare students for AP course work if students choose to continue on this advanced pattern.

ENGLISH LANGUAGE II CCSS

1 credit

Prerequisite: Eng I and/or World Literature **Course length:** All year

This course combines a study of English grammar usage, writing, speaking, reading, listening, and viewing skills into the study of literature and language. Students continue developing research skills, critical thinking skills, analysis of literature, and the writing process. These skills are emphasized through a variety of writing assignments and projects in conjunction with the reading of various literary forms and styles. Students enrolled in this course must take and pass the state English II state assessment.

HONORS ENGLISH LANGUAGE II CCSS

1 credit/5% weight

Prerequisite: Review of 9th grade English grade and Aspire score. Eng I and/or World Literature.

Course length: All year

This course is designed for the motivated student who has displayed high mastery of language skills in Eng. I. In addition to the regular Eng. II course work, students will complete advanced units to develop both oral and written communication skills with emphasis on composition and literary analysis. Students enrolled in this course must take and pass the state English II state assessment. This honors course will prepare students for AP course work if students choose to continue on this advanced pattern

ENGLISH LANGUAGE III CCSS

1 credit

Prerequisite: Eng Language II **Course length:** 1 term

The structure of this third year English course includes further studies in grammar, composition, United States Literature, and oral language skills. Students will also be introduced to MLA and APA guidelines. Research and documentation skills and techniques will be evaluated through a research paper assignment. Students will be taught the influence of historical events on literature.

AP ENGLISH 11 - LANGUAGE AND COMPOSITION

1 credit/10% weight

Prerequisite: Eng Language II **Course length:** 1 term

This course is an in-depth study of rhetoric with an intensive writing program. It is a college level course designed to prepare students for the Advanced Placement Language and Composition exam. Advanced composition and grammar skills are necessary, as students will be required to write critically.

ENGLISH IV CCSS

1 credit

Prerequisite: Eng Language III **Course length:** 1 term

The curriculum of this course includes a survey of British Literature. This course combines a study of English grammar usage, writing, speaking, reading, listening, and viewing skills into the study of literature and language with an even more emphasis on writing. Students continue developing research skills, critical thinking skills, analysis of literature, and the writing process. These skills are emphasized through a variety of writing assignments and projects in conjunction with the reading of various literary forms and styles.

ENGLISH 12 SREB

1 credit

Prerequisite: ACT English subscore of 15-18

This course utilizes a disciplinary literacy approach that teaches students strategies for reading and understanding complex texts in different subject areas. Students learn to develop and defend ideas from textbooks and write about them in college-level formats for English, history and biology. The unit structure conforms to the framework of the Literacy Design Collaborative, which addresses college- and career-readiness standards.

AP ENGLISH 12 - LITERATURE & COMPOSITION

1 credit/10% weight

Prerequisite: Eng Language III **Course length:** 1 term

This course is designed as an in depth study of literature with an intensified writing program. It is a college level course preparing students for the Advanced Placement Literature and Composition exam. This course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Students will consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. The course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. This course prepares students for the Advanced Placement Literature and Composition exam. Passing this exam can result in receiving college credit.

CREATIVE WRITING

1/2 credit

Prerequisite: None **Course length:** 1-9 weeks

The Creative Writing elective English course will provide the student practices in the processes of composing poems, personal descriptive and narrative essays, and short fiction. The course affords an opportunity for self-expression, promotes critical thinking, expands the imagination, and develops the use of figurative and literal language.

ORAL COMMUNICATION

1/2 credit

Prerequisite: None **Course length:** 1-9 weeks

This course includes instruction in how to acquire, analyze, and evaluate information in order to make decisions and establish satisfying relationships. Skill in oral communication helps the student to think logically, clearly, and creatively

ALGEBRA II CCSS

1 credit

Prerequisite: Algebra I and Geometry (if transferring to GHS, Algebra II can be taken before Geometry)

Course length: 1 term

In this Algebra II course students build on their work with linear, quadratic, and exponential functions and students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The four critical areas of this course include (1) working extensively with polynomial operations; (2) building connections between geometry and trigonometric ratios; (3) understanding of a variety of function families; and (4) explore statistical data.

HONORS ALGEBRA II CCSS

1 credit/5% weight

Prerequisite: Algebra I and Geometry and a review of these grades and the Aspire score (if transferring to GHS, Algebra II can be taken before Geometry) **Course length:** 1 term

In this Algebra II course students build on their work with linear, quadratic, and exponential functions and students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The Mathematical Practice Standards apply throughout this course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. The four critical areas of this course include (1) working extensively with polynomial operations; (2) building connections between geometry and trigonometric ratios; (3) understanding of a variety of function families; and (4) explore statistical data. This honors course will be very rigorous and move at a fast pace.

ALGEBRA III

1 credit/5% weight

Prerequisite: Honors Geometry/Honors Algebra II or advanced mastery of these two courses. This course feeds into Advanced Placement math courses. **Course length:** 1 term

Algebra III includes content standards from the 2007 Mississippi Mathematics Framework Revised Pre-Calculus course and the Common Core State Standards for Mathematics, and covers those skills and objectives necessary for success in courses higher than Algebra II and Integrated Mathematics III. Topics of study include sequences and series, functions, and higher order polynomials. Polynomial functions provide the context for higher-order investigations. Topics are addressed from a numeric, graphical, and analytical perspective.

Technology is to be used to enhance presentation and understanding of concepts. The instructional approach should provide opportunities for students to work together collaboratively and cooperatively as they solve routine and non-routine problems. Communication strategies should include reading, writing, speaking, and critical listening as students present and evaluate mathematical arguments, proofs, and explanations about their reasoning.

Advanced Technical Mathematics

1 credit

Prerequisites: Algebra I, Geometry, and enrolled in CTE pathway. **Course length:** 1 term

This course is an introduction to the mathematical understanding and skills used in career and technical education pathways and entry-level positions in technical jobs. Course consists of 10 hours of online work per week with the RCU at Mississippi State University.

CCSS ADVANCED MATH PLUS

1 credit/5 % weight

Prerequisite: Algebra III or Geometry with high mastery level or SREB or 19 or higher on Math sub score on ACT

Course length: 1 term

Advanced Mathematics Plus specifies the mathematics that students should study in order to be college and career ready. The Advanced Mathematics Plus Course includes additional mathematics from the Common Core State Standards for Mathematics indicated by a (+). These “plus standards” will help students in advanced courses such as Calculus. This course was designed to be a fourth year Common Core math course. Throughout the duration of this course, the Standards for Mathematical Practice are addressed.

CCSS ADVANCED MATH PLUS Honors

1 credit/5 % weight

Prerequisite: Algebra III in fall of Junior year **Course length:** 1 term

Advanced Mathematics Plus specifies the mathematics that students should study in order to be college and career ready. The Advanced Mathematics Plus Course includes additional mathematics from the Common Core State Standards for Mathematics indicated by a (+). These “plus standards” will help students in advanced courses such as Calculus. This course was designed to be a fourth year Common Core math course. Throughout the duration of this course, the Standards for Mathematical Practice are addressed.

CALCULUS

1 credit/5% weight

Prerequisite: Advanced Math Plus Honors or Algebra III **Course length:** 1 term

This Calculus course includes content standards from the 2007 Mississippi Mathematics Framework Revised. This course focuses on the mathematics of change. The major focus is on differential and integral calculus. The use of graphing calculators and other technologies are major components of the course. The instructional approach should provide opportunities for students to work together collaboratively and cooperatively as they solve routine and non-routine problems. Communication strategies should include reading, writing, speaking, and critical listening as students present and evaluate mathematical arguments, proofs, and explanations about their reasoning.

AP CALCULUS

1 credit/10% weight

Prerequisite: Calculus **Course length:** 1 term

This is a college level calculus course designed for those students who wish to earn college credit and/or advanced placement from institutions of higher learning. This course fulfills the criteria for the Calculus AB Examination offered by the College Board. Students will cover differential and integral calculus. Emphasis will be on the College Board outline of the Calculus AB Exam. Topics will include functions, limits, continuity, derivatives, applications of derivatives, methods of integration, and applications of integration.

AP STATISTICS

1 Credit/10%weight

Prerequisite: Algebra III or Advanced Math Plus strongly recommended **Course length:** 1 term

This is a college level course. It covers exploratory analysis; observations and departures from patterns; planning a study, deciding what and how to measure; probability, producing models using probability simulation; and statistical inference, selecting appropriate models to help draw conclusions from data. It is taught using calculators and a great deal of manual manipulation as well. The AP exam will be offered at this end of this course and a passing score can result in college credit.

Science

Biology

1 credit

Prerequisite: Integrated Science I **Course length:** 1 term

Integrated Science II is an introductory laboratory-based course designed to study living organisms and their physical environment. Students should apply scientific methods of inquiry and research in examining the following topics: biochemistry, cell structure, function and reproduction, cell energy, molecular basis of genetics, natural selection and diversity, and ecology. Students will take the Biology state test at the end of this course and receive their biology credit.

HONORS Biology

1 credit/5% weight

Prerequisite: Honors Integrated Science I or advanced mastery in Integrated Science I **Course length:** 1 term

Integrated Science II is an introductory laboratory-based course designed to study living organisms and their physical environment. Students should apply scientific methods of inquiry and research in examining the following topics: biochemistry, cell structure, function and reproduction, cell energy, molecular basis of genetics, natural selection and diversity, and ecology. Students will take the Biology state test at the end of this course and receive their biology credit.

Chemistry

1 credit

Prerequisite: Integrated Science 1 and 2 **Course length:** 1 term

Integrated Science III is a lab-based Chemistry course which allows students to construct and use scientific models to describe, to explain, to predict and to control physical phenomena of chemistry. Students model physical objects and processes using diagrams, graphs, and algebraic representations. Laboratory activities explore how matter is viewed, how matter behaves, and the role of energy in how matter changes.

HONORS Chemistry

1 credit/5% weight

Prerequisite: Advanced mastery of Integrated Science 1 and 2 **Course length:** 1 term

Integrated Science III is a lab-based Chemistry course which allows students to construct and use scientific models to describe, to explain, to predict and to control physical phenomena of chemistry. Students model physical objects and processes using diagrams, graphs, and algebraic representations. Laboratory activities explore how matter is viewed, how matter behaves, and the role of energy in how matter changes.

ENVIRONMENTAL SCIENCE/FIELD EXPERIENCE

½ credit/ ½ credit

Prerequisite: Integrated Science 1,2 and 3 **Course length:** 2- 9 weeks

Environmental Science is a lab-based or field-based course that will explore ways in which the environment shapes living communities. Interactions of organisms with their environment will be emphasized along with the impact of human activities on the physical and biological systems of the Earth. The half credit of Field Experience will allow the students to go deeper with research and out of the classroom experiences.

BOTANY/BOTANY FIELD

1/2 credit/1/2 credit

Prerequisite: Integrated Science 2 **Course length:** 2 -9 weeks

Botany, a one-half credit course, is a laboratory-based course applying basic biological principles to the study of plants. Topics include morphological characteristics of each division and variation in their reproduction, physiology, taxonomy, evolution, and the interactions of human society and plants. Laboratory activities, research, the use of technology, and the effective communication of results through various methods are integral components of this course.

ADVANCED MARINE SCIENCE/ZOOLOGY

½ and ½ credit/ 5 % weight

Prerequisite: high grade in previous science course and high sub score in science on ACT

Advanced Marine Science is a fast paced course that covers marine chemistry, physical oceanography, fisheries science and marine ecology, with an emphasis on local environments. There are multiple laboratory and field exercises. It is open to 10th-12th grade advanced science students.

Advanced Zoology covers the breadth of the animal kingdom with an emphasis on aquatic life. We cover 11 phyla, or unique body styles and learn movement, respiration, circulation and digestion in each. It is open to 10th-12th grade advanced science students and is the second nine weeks of the Advanced Marine Science course.

ADVANCED CHEMISTRY/AP CHEMISTRY

1 credit/1 credit 10% weight for both courses

Prerequisite: Integrated Science 1, 2 and 3 with advanced mastery of all courses **Course length:** All year
Advanced Chemistry and AP Chemistry are college level Chemistry courses that provides rigorous

study in structure of matter, states of matter, reactions, and descriptive Chemistry. This course contains extensive laboratory time. Students will be able to take the Advanced Placement Exam in the spring for college credit. Students who take these two courses should want to major in a science related field in college.

PHYSICS

1 credit/5% weight

Prerequisites: Integrated Science 1, 2 and 3 **Course length:** 1 term

This course is a laboratory-based course that will investigate matter and energy. Topics emphasized in this class will include mechanical waves, electromagnetic waves, electricity, and energy.

ANATOMY AND PHYSIOLOGY HHS/CAB

1 credit/5% weight

Prerequisites: Integrated Science 1, 2 and 3 **Course length:** 1 term

This course is a laboratory-based course that investigates the structure and function of the human body. Topics covered will include the basic organization of the body and biochemical composition. Relationships between major body systems will be emphasized along with effects of drugs, nutrition, diseases, and biotechnological advances on certain systems. Students taking this course will be prepared for college courses focusing on the health care field.

ANATOMY AND PHYSIOLOGY (Accelerated)

1 credit/5% weight

Prerequisites: Advanced Mastery of Integrated Science 1, 2 and 3 **Course length:** 1 term

This course is a laboratory-based course that investigates the structure and function of the human body. Topics covered will include the basic organization of the body and biochemical composition. Relationships between major body systems will be emphasized along with effects of drugs, nutrition, diseases, and biotechnological advances on certain systems. Students taking this course will be prepared for college courses focusing on the health care field.

SPATIAL INFORMATION Science A/B

1/2 credit/1/2 credit/ 5% weight

Prerequisites: Integrated Science 1, 2 and 3 **Course length:** 2 - 9 weeks for each course

Spatial Information Science encompasses the principles, theories and applications of spatial information systems (SIS). This course includes the use of SIS to explore, investigate, collect and analyze data, and present findings and recommendations on current problems through group and individual activities. Laboratory activities, research, the use of technology, and the effective communication of results through various methods are integral components of this course. Students should be interested in a STEM related field but the applications can be very broad and fit into many different college and career fields.

TECHNOLOGY REMOTE (Spatial Projects)

1 credit/ 5% weight

Prerequisite: Spatial A/B **Course length:** 1 term

This course is an extension of Spatial Information A/B where all of the theories and applications of SIS can be used on specific projects and in out of the class room experiences.

MICROBIOLOGY

1/2 credit/5% weight

Prerequisite: Advanced mastery of Integrated Science 1, 2 and 3 **Course length:** 9 weeks

Microbiology is a lab-based course that investigates microorganisms and the various roles they play in our living world. Topics explored in the class will include: identification of common microbes, culturing and staining microorganisms, host-microbe relationships and disease processes, and uses of microbiology in industry. Lab work involving microscopic investigations and aseptic techniques will be emphasized, along with critical thinking problem solving and research.

GENETICS

1/2 credit/5% weight

Prerequisite: Advanced mastery of Integrated Science 1, 2 and 3 **Course length:** 9 weeks

Genetics is a lab-based course that explores the principles of classical and molecular genetics including the relationship between traits and patterns of inheritance within organisms. Students will investigate population genetics, genetic variations among individuals, and applications of modern advances in genetics.

ADVANCED PHYSICS/AP PHYSICS

1 credit/1credit 10% weight Course length: All year

This lab based science is designed to be the equivalent of a college physics course, emphasizing in-depth studies in mechanics, fluids, waves, thermodynamics, light, optics, elementary particles, and nuclear energy. This course is divided into two semesters. Students are required to complete both semesters. This course is designed to prepare students for the AP Physics assessment.

AP BIOLOGY

1 credit/ 10% weight

Prerequisites: Advanced mastery of Integrated Science 1, 2 and 3 **Course length:** 1 term

This is a lab based preparatory course for students wishing to take the National Advanced Placement Examination in order to earn college credit. The course focuses on conceptual understanding of four Big Ideas and content that supports them. The Big Ideas are designed to enable students to develop advanced inquiry and reasoning skills. These skills include connecting concepts in and across all domains. Topics covered include biochemistry, molecular and cellular biology, genetics, plant and animal tissues, and taxonomy.

SOCIAL STUDIES

INTRO TO WORLD GEOGRAPHY

1/2 credit

Prerequisites: None **Course length:** 1- 9 weeks

This course includes the study of maps, landforms, our physical environment and the impact humans have on the environment and the influence the environment has upon our history and life styles. The design is to help students better understand the nature of the world and the events that take place in the world. Classes will feature lecture, discussion, reading, writing, objective tests and essays.

MISSISSIPPI STUDIES

1/2 credit

Prerequisites: None **Course length:** 1- 9 weeks

The student will understand and develop an appreciation for the geography, history, government, literature, art, and music that contributed to the development of Mississippi as a state.

WORLD HISTORY

1 credit

Prerequisites: None **Course length:** 1 term

World History increases student understanding of how change impacts history and results in improved awareness of the interdependence of the modern world. The goal is to develop rational, humane citizens who can function in the modern world while appreciating the differences of people and cultures and demonstrating respect for the origins and worth of all people.

US HISTORY

1 credit

Prerequisites: World History **Course length:** 1 term

This course focuses on Post-Reconstruction to Present requires students to examine the major turning points in American history. Students will do extensive reading of primary documents and write to defend their personal points of view. There will be debates of major topics where students work on organizing thoughts, speaking and presentation skills.

UNITED STATES GOVERNMENT

1/2 credit

Prerequisites: World History, US History **Course length:** 1 - 9 weeks

U.S. Government provides an understanding of the foundations of the United States government; provides an understanding of the inalienable rights, civil rights, and civil liberties of an American; outlines the American political process; provides a knowledge base of the three branches of United States Government; and relates the study of the United States Government to current issues.

ECONOMICS

1/2 credit

Prerequisites: World History, US History **Course length:** 1 - 9 weeks

Economics provides an awareness of the relationship of world economic systems. The student will study the American economic system and the impact of that system in a global setting. Students will develop an understanding of microeconomics and macroeconomics from individual finances to world economic organizations

ADVANCED WORLD GEOGRAPHY

1 credit/5% weight

Prerequisites: Advanced mastery of World History and Integrated History 2 **Course length:** 1 term

Advanced World Geography focuses on understanding the systems and processes that produce the features and patterns that lie on the Earth's surface and appear on maps and globes. Themes include relationships and interdependencies among countries that are produced by global, political, socio/cultural, economic systems, the dynamic interaction between human activity and the physical environment; human use of resources, and the importance of culture in shaping the unique ways of life in places and regions around the world. This course can be used as an advanced elective for college admission.

AP WORLD HISTORY

1 credit/10% weight

Prerequisites: Advanced mastery of World History **Course length:** 1 term

Advanced Placement World History is an advanced survey of world history, beginning with the Paleolithic Era and continuing through present day. This is a preparatory course for those students wishing to take the National Advanced Placement Examination. It is possible to earn college credit through this examination.

AP UNITED STATES HISTORY

1 credit/10% weight

Prerequisites: Advanced mastery of World History **Course length:** 1 term

Advanced Placement U. S. History is an advanced survey of U.S. history, beginning with colonization and continuing through current issues. This is a preparatory course for those students wishing to take the National Advanced Placement Examination. It is possible to earn college credit through this examination.

AP UNITED STATES GOVERNMENT

1/2 credit/10% weight

Prerequisites: Advanced mastery of World History and US History **Course length:** 1 - 9 weeks

This is a preparatory course for students wishing to earn college credit through taking the National Advanced Placement Examination. The course of study involves the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. Students will increase familiarity with the various institutions, groups, beliefs, and ideas that form the political reality in our nation.

AP MACRO ECONOMICS

1/2 credit/10% weight

Prerequisites: Advanced mastery AP US Government

Course length: 1 - 9 weeks

A course in economics will explore basic economic concepts, measurement of economic performance, national income and price determination, International economics and growth. This is a college level course to help prepare seniors for the macroeconomics portion of the AP Exam. Many colleges grant college credit to students who make acceptable scores on the AP Exam. Classes will feature lectures, discussions, simulations, outside readings, objective essay exams.

AP COMPARATIVE GOVERNMENT

1 credit/10% weight

Prerequisites: AP United States Government and AP Macro Economics

This is a college-level course, which provides students with the conceptual tools necessary to develop an understanding of some of the world's diverse political structures and practices. The course encompasses the study of both specific countries and their governments and the general concepts used to interpret political relationships and institutions. Colleges may award college credit based upon a student's score on the Comparative AP Exam.

PSYCHOLOGY

1/2 credit/5% weight

Prerequisites: mastery of English courses **Course length:** 1- 9 weeks

This course focuses on the history, advances in technology, and both internal and external influences that affect human mental development. The student will learn the various elements of human behavioral development that emphasize concepts such as "self-esteem" and "self-responsibility."

SOCIOLOGY

1/2 credit/5% weight

Prerequisites: mastery of English courses **Course length:** 1- 9 weeks

Sociology engages in the study of people and their life in groups. This will be done by examining how people behave in groups and how interaction shapes both individual and group behaviors. The analysis of the rules, organizations, and value systems that enable people to live together will also be an area of emphasis.

PROBLEMS OF AMERICAN DEMOCRACY/LOCAL CULTURE

1/2 credit and 1/2 credit

Prerequisites: World History and US History **Course length:** 1 term

This course provides students with the background necessary to discuss, analyze, and take action on important social, technological, political, and economic issues facing our democratic form of government. The course is designed to help young people fulfill their responsibilities as citizens. These half credit courses will be paired together so the student will complete a full term.

Fine Art

ART I

1 credit

Prerequisite: None **Course length:** 1 term

Art I provides an opportunity for creative development. Principles and elements of art and design, art history, artists and techniques will be studied throughout the course.

ART II

1 credit

Prerequisite: Art I **Course length:** 1 term

Art II builds on student's understanding and application of the principles of design and elements of art, art history and artists.

ART III

1 credit

Prerequisite: Art I and Art II, or Drawing **Course length:** 1 term

This program of study focuses on the creation and study of more advanced works of art and beginning of the development of a body of work for inclusion in a portfolio. Building on concepts and skills acquired in prerequisite courses, students will work at a more advanced level applying their knowledge of production, critical analysis, history and culture, aesthetics, and connections among the visual arts, other content areas, and everyday life. Prerequisite requirement may be waived upon teacher recommendation based on a review of a body of work demonstrating accomplishment of Art I and II competencies. Work will encompass both two and three dimensional media, techniques, and processes.

ART IV

1 credit

Prerequisite: Art III **Course length:** 1 term

The student will develop individual complex drawings, paintings, prints, clay, and sculptural artwork. Emphasis on interpretations and critical thinking skills as they relate to artists, art history, and contemporary art will be mastered. This course explores the combination of different media through assemblage, collage, and layering using the elements and principles of art. Each student will develop a variety of artwork in preparation for college.

DRAWING I/II

1/2 credit/1/2 credit

Prerequisite: None **Course length:** 2- 9 weeks

This course involves a broad range of drawing media, techniques, and processes. In this course, students will continue to develop prior knowledge and skills in the creation and study of works of art and design, building on concepts and skills acquired in the prerequisite course Visual Arts Level I. Work will encompass two-dimensional art forms rendered in wet and dry drawing media with an emphasis on working in black and white and an introduction to color techniques. Drawing II will also use wet and dry drawing media but will have an emphasis on working in color with a continuation of skill development in black and white processes.

CERAMICS I

1/2 credit

Prerequisite: Art I **Course length:** 1- 9 weeks

This course focuses on knowledge and skills in three-dimensional design with clay and/or other plastic media. Work will be limited primarily to three-dimensional media, techniques, and processes.

CERAMICS II

1/2 credit

Prerequisite: Ceramics I **Course length:** 1- 9 weeks

This course builds on introductory level concepts and skills from Ceramics I. Work will be limited to three-dimensional media, techniques, and processes.

AP ART HISTORY

1 credit/10% weight

Prerequisites: Success in other Honors/AP courses **Course length:** 1 term

Learn to critically analyze works of art within diverse historical and cultural contexts, considering issues such as politics, religion, patronage, gender, and ethnicity. Explore major forms of artistic expression including architecture, sculpture, painting and other media from across a variety of cultures. Learn about the purpose and function of art as you develop your ability to articulate visual and art historical concepts in verbal and written form. The AP exam will be given at the end of this course and a passing score can allow the student to earn college credit.

AP ART STUDIO

1 credit/10% weight

Prerequisites: Art I, II **Course length:** All year

Explore drawing issues including line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth and mark-making through a variety of means, such as painting, printmaking or mixed media. Develop technical skills and familiarize yourself with the functions of visual elements as you create an individual portfolio of work for evaluation at the end of the course.

CHORUS/CHORAL ENSEMBLE

Girl's Ensemble, Varsity Choir

1 credit/1 credit

Prerequisite: Audition **Course length:** All year

Choral Music provides students experiences in listening to, analyzing, describing, creating, and evaluating music within the constraints of the choral rehearsal situation. There will be mandatory performances and fees that go along with this course.

MADRIGALS/CHAMBER CHOIR

1 credit/1 credit

Prerequisite: Audition **Course length:** All year

These courses require auditions to be admitted. Madrigals is a highly competitive performing arts program that provides instruction to students in singing, choreography, acting, and stage presence. The skills gained in class give students a competitive edge when applying for performing arts scholarships for colleges and universities. Each year the group competes nationally showcasing the incredible talent and success of the students at Gulfport High. There is a fee for participation to cover the necessary expenses that accrue each year for uniforms and travel.

AP MUSIC THEORY

1 credit 10% weight

Prerequisites: Have to have completed 1 year of a musical program (Band, strings, choir) **Course length:** 1 term
This course is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. The achievement of these goals may best be approached by initially addressing fundamental aural, analytical, and compositional skills using both listening and written exercises. Building on this foundation, the course should progress to include more creative tasks, such as the harmonization of a melody by selecting appropriate chords, composing a musical bass line to provide two-voice counterpoint, or the realization of figured-bass notation.

THEATRE I

1 credit

This course will explore the relationships of theatre history, structure, literature, acting, producing, and critiquing. This course meets the Art requirement for graduation.

THEATRE II

1 credit

Prerequisite: Theatre I and Instructor Approval **Course length:** 1 term

Theatre II is designed to provide students with a broad-based in-depth learning experience through independent study and increasingly demanding levels of analysis and practical application. Students will continue to explore theatre history and dive deeper into play production.

THEATRE PRODUCTION

1 credit

Prerequisite: Instructor Approval **Course length:** 1 term

This program of study is designed to provide students with specialized, in-depth instruction in theatre to meet the individual needs of advanced students, working at a sophisticated level, as they pursue specialty areas in dramatic production. Students will apply their knowledge of production, critical analysis, history and culture, aesthetics, connections among the arts, other content areas, and everyday life in the production of a theatrical work. This course is designed for the students who have successfully completed Theatre I and Theatre II.

THEATRE PERFORMANCE

1 credit

Prerequisite: Instructor Approval **Course length:** 1 term

This program of study is designed to enable students who are interested in the theatre arts to pursue an in-depth exploration of the interrelationships of aesthetics, criticism, and performance. This course is designed for the students who have successfully completed Theatre I and Theatre II.

BAND

1 credit

Prerequisite: Ability to play an instrument **Course length:** 1 term

Band gives the student the opportunity to develop instrumental musical skills and to acquire a deep appreciation for music. Band is offered during the regular school day. This course will incorporate the marching component of band.

INSTRUMENTAL ENSEMBLE

1 credit

Prerequisite: Ability to play an instrument **Course length:** 1 term

This is the spring portion of band. Students will work with their instruments in the large group setting and prepare for competitions and performances.

STRINGS I/II

1 credit/1 credit

Prerequisite: Instructor Approval **Course length:** All year

This performance based art course takes place during the school day for our students who play stringed instruments. Basic skills are taught and as the year progresses these skills are fine tuned to enable students to perform many times across the Mississippi Gulf Coast.

FOREIGN LANGUAGE

ENGLISH AS A SECOND LANGUAGE (ELL)

1 credit

Prerequisite: Determination of ESL Status **Course length:** Students will take this course in the fall and spring and receive a credit for each course

This course is for preparation of ESL students to function adequately in regular education classes.

FRENCH I

1 credit/5% weight

Prerequisite: Honors English or advanced mastery of English courses **Course length:** 1 term

This course introduces students to the French language, as well as the geography and culture of France. Students develop abilities in listening, speaking, reading and writing in this Romance language.

FRENCH II

1 credit/5% weight

Prerequisite: French I **Course length:** 1 term

French II stresses grammar and composition as well as more advanced study in comprehension, conversational skills, and general fluency in the French language. Language behavior moves from imitative to reflective.

FRENCH III

1 credit/5% weight

Prerequisite: French II **Course length:** 1 term

This course stresses conversational and cultural skills within the context of a wide variety of materials (expository, descriptive, narrative, and poetic).

AP FRENCH IV

1 credit/10% weight

Prerequisite: French III **Course length:** 1 term

The AP French Language and Culture course is designed to promote proficiency in French and to enable the student to explore culture in contemporary and historical contexts. Instructional content will reflect interests shared the student and teacher (the arts, current events, literature, sports, and so forth). In addition to textbooks, materials might include websites, podcasts, films, newspapers, magazines, and literature. The course helps you develop language skills that can be applied beyond the French course in further French study and everyday life. Students will take the AP exam at the end of the course and a passing score can earn students college credit.

SPANISH I

1 credit/5% weight

Prerequisite: Honors English or advanced master of English courses **Course length:** 1 term

This course introduces students to the language and culture of Spanish-speaking countries. Emphasis is placed on vocabulary, simple conversational skills, and basic grammar structures.

SPANISH II

1 credit/5% weight

Prerequisite: Spanish I **Course length:** 1 term

This course continues study of the fundamentals of Spanish grammar and composition. Students will engage in advanced conversations using more advanced vocabulary than in Spanish I. Translation of Spanish literature will be assigned. Language behavior moves from imitative to reflective.

SPANISH III

1 credit/5% weight

Prerequisite: Spanish II **Course length:** 1 term

Spanish III stresses conversational and cultural skills. Major areas of study are Spanish literature, history and customs. Emphasis is placed on speaking and writing in Spanish.

AP SPANISH IV

1 credit/10% weight

Prerequisite: Spanish III **Course length:** 1 term

AP Spanish emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). To best facilitate the study of language and culture, the course is taught exclusively in Spanish. Students will take the AP exam at the end of the course and a passing score can earn students college credit.

AP SPANISH LITERATURE AND CULTURE

1 Credit/10% Weight

Prerequisite: Spanish I, II, III **Course length:** 1 term

AP Spanish Literature is a course is equivalent to a third year college course in Peninsular and Latin American Literature and is conducted entirely in Spanish. The course gives students the opportunity to explore major works of literature in all of the principal literary genres — short stories, drama, novels, essays, and poetry — by authors from Spain, Latin America and the United States of America.

Mandarin Chinese I

1 credit/5% weight

This course is the study of the fundamentals of Chinese language and culture of China. Emphasis is placed on vocabulary, simple conversational skills and learning how to speak this language.

Mandarin Chinese II

1 credit/5% weight

This course continues study of the fundamentals of Chinese grammar and composition. Students will engage in advanced conversations using more advanced vocabulary than in Chinese I. Translation of Chinese literature will be assigned. Language behavior moves from imitative to reflective.

BUSINESS AND TECHNOLOGY

TECHNOLOGY FOUNDATIONS

1 credit

Prerequisites: None **Course length:** 1 term

Students in Technology Foundations will utilize Internet Tools as well as Microsoft Office Suite to gain experience with these tools in a business setting. Social Media and Career Exploration also play a large part in this modernized curriculum.

ENTREPRENEURSHIP

1 credit

Prerequisites: None **Course length:** 1 term

Entrepreneurship is designed to equip students with introductory skills, which help prepare them to organize and run a business. Business terminology, basic entrepreneurship concepts, and fundamental operating principles are emphasized. Through this course, students are involved with activities such as developing market plans and applying global economic concepts. They will analyze supply and demand and understand how it affects price and profit. They will also learn to calculate operational expenses in determining profit. Finally, they will be exposed to ethical problems related to the workplace and discuss solutions for some of these problems.

ACCOUNTING FUNDAMENTALS

1 credit

Prerequisite: Algebra II **Course length:** 1 term

Accounting Fundamentals will expose students to basic principles, concepts, and procedures of accounting necessary for competent tracking of business affairs.

BUSINESS FINANCE (Accounting II)

1 credit

Prerequisite: Accounting Fundamentals **Course length:** 1 term

This course is a review and expansion of topics covered in Accounting Fundamentals. Business Finance will incorporate accounting principles and procedures in managerial, intermediate, and cost accounting with an emphasis on corporate accounting. Advanced concepts and practices are integrated with related computer skills. Business Finance is designed to prepare students who plan to pursue a career in accounting or business. Use of accounting-based computer applications are recommended in meeting the course competencies.

COMPUTER SCIENCE PRINCIPLES

1 credit

Prerequisites: High Level Math beyond Algebra II **Course length:** 1 term

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. This course can be a student's first in computer science. CSP helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cyber-security, and simulation

BUSINESS LAW

1/2 credit

Prerequisites: None **Course length:** 1- 9 weeks

Business Law provides the basic foundations of law as it relates to business. The origin of the law, ethics, the structure of the court systems, procedural and employment law, and legislation that applies real and personal property are all studied within this course. Business Law will equip the student with a working knowledge of the law as it is applied to various legal situations that are encountered in personal and business situations.

PERSONAL FINANCE

1/2 credit

Prerequisites: None **Course length:** 1-9 weeks

Personal Finance is designed to develop skills in money management, record keeping, and banking. Activities will include preparation of budgets, comparison shopping, advertising research, standard of living analysis, and comparison of housing options.

WEB DESIGN AND MEDIA RICH CONTENT

1 credit

Prerequisites: None **Course length:** 1 term

Web Design and Media Rich Content emphasizes real-world, hands-on practice. Content related to Web design, building a basic client Web site, media rich content for Web design, and planning a digital narrative and creating a script. During the course of this class are projects that are useful in post -secondary educational settings and in the workplace.

CAREER AND TECHNICAL EDUCATION

Business Fundamentals I (BMT I)

2 credits

Prerequisites: Selection **Course length:** All year

This year long course begins with an introduction to business and marketing fundamentals, communication and interpersonal skills, and professional development for continued education, training, and careers in business management. Major topics of study in this course are economics, business, management, and entrepreneurship, business law, and personal finance. Participation in student organizations is ongoing. Students will develop skills toward meeting requirements for the Microsoft Project Skill Standards for Microsoft Office Specialist Certification.

Business Marketing (BMT(Marketing) II)

2 credits

Prerequisites: BMT I **Course length:** All year

Marketing includes basic business skills including introduction to business, communication and interpersonal skills, professional development, and economics. Business Management, Law, and Operations provides opportunities for students to apply management and entrepreneurship skills. Marketing Essentials encompasses introductory marketing concepts. Sales and Distribution provides advanced marketing skills.

Business Management (BMT (Management) II)

2 credits

Prerequisites: BMT I **Course length:** All year

This course focuses on business management and the development of an extensive business plan that encompass all areas of business, including communication, procedures, operations and security, information, and applications, needed in order to operate a successful business. Students will continue to develop educational, career, and professional plans in the area of business management. Participation in student organizations is ongoing. Students will develop skills toward meeting requirements for the Microsoft Project Skill Standards for Microsoft Office Specialist Certification.

CULINARY ARTS I

Open to: Grades 11-12 - **2 credits**

Prerequisite: Selection **Course length:** Full Year

This course is designed to develop skills used in commercial food service jobs and to introduce students to careers available in the industry. Students in the program are involved in planning menus, preparing, and serving meals on a regular basis at GHS. Emphasis is placed on cost and portion control, the value of safety and sanitation, human relations and general quality as well as quantity food production.

CULINARY ARTS II

Open to: Grades 11-12 - **2 credits**

Prerequisite: Culinary I **Course length:** Full Year

This course is structured to further develop skills in menu planning, costing, ordering, receiving, and food storing; quality food production, how to improve and advance in the job market, customer service techniques, and employee employer relations. Students completing this course are prepared to enter junior or senior college and/or enter the job market at the intermediate level. Many junior and senior colleges offer scholarships in Hotel-Motel Restaurant Management and other related areas.

DIGITAL MEDIA TECHNOLOGY I

Open to: Grades 11-12- **2 credits**

Prerequisite: Instructor Approval **Course Length:** Full Year

Digital Media Technology I encompasses the foundation skills necessary in the digital media industry. Content such as safety, ethical issues and production, photography, graphic design, and print production will be offered to students. The Audio Production and Media Rich Content portion of the course emphasizes real-world, hands-on practice.

DIGITAL MEDIA TECHNOLOGY II

Open to: Grades 11-12 - **2 credits**

Prerequisite: Digital Media I **Course length:** Full Year

Digital Media Technology II focuses on the process of video production and editing as well as career opportunities in audio and video technology. Another component of the course is motion graphics. This two-Carnegie unit course should only be taken after students successfully pass Digital Media Technology I.

CONSTRUCTION TRADES I

Open to: Grades 11-12 - **2 credits**

Prerequisite: Selection **Course length:** Full Year

Construction Trades I is a hands on class that teaches students the beginning skills of the construction field. Students interested in learning about the areas of carpentry, masonry, electrical wiring, or plumbing would benefit from this course. If you would like to learn to use hand tools, power tools and learn to build projects with wood this course is designed for you. You will be introduced to safety in a shop setting, proper tool use, and teamwork. Student projects that develop the skills covered in the curriculum are encouraged. Students are encouraged to join the student organization Skills USA to further develop their skills and leadership ability at the local, state and national level.

CONSTRUCTION TRADES II

Open to: Grades 11-12 - **2 credits**

Prerequisite: Const. Trades I **Course length:** Full Year

Construction Trades II is a continuation of Construction Trades I. Skills in the various areas of the construction field are further developed. Second year students are encouraged to work independently and as a team on various projects both large and small.

AUTOMOTIVE SERVICE TECHNOLOGY I

Open to: Grades 11-12 - **2 credits**

Prerequisite: Selection **Course length:** Full Year

Automotive Service Technology is the entry-level course of the secondary automotive program. Students in the course will gain mechanical experience with a variety of vehicles in the following areas: safety, tool and equipment usage, measurement, basic vehicle service, brakes, and basic electrical service. Customer service, teamwork and work ethic are highly stressed.

AUTOMOTIVE SERVICE TECHNOLOGY II

Open to: Grades 11-12 - **2 credits**

Prerequisite: Auto Service Technology I, **Course length:** Full Year

Automotive Service Technology II is the second and final course in the automotive program. Students enrolled in this course will receive additional experiences related to service of gasoline and diesel powered vehicles. Emphasis areas include engine performance, drive trains, steering and suspension systems, air conditional and heating, and hydraulics. A student completing two years of automotive service technology is prepared to enter the automotive industry at an entry-level position or attend a 2-year technical school that offers an automotive service technology program. Some of the related careers are: automotive technician, diesel service technician, auto parts sales, equipment service, small engine repair, aircraft mechanics, and marine mechanics.

HEALTH SCIENCE I

Open to: Grades 11-12 - **2 credits**

Prerequisite: Biology, Selection **Course length:** Full Year

The class covers health career exploration, safety, standard precautions, and medical, legal, and ethical responsibilities of the health care provider. Students are introduced to medical terminology and medical documentation. Health care provider CPR and heart saver first aid certification is provided. An introduction to anatomy and disease states is covered. Basic patient care procedures are included in this course. Membership in the student organization Health Occupations Students of America (HOSA) is encouraged.

Group visits to the hospital and local elementary schools are scheduled.

This course will meet the health requirement.

HEALTH SCIENCE II

Open to: Grades 11-12 - **2 credits**

Prerequisite: Selection, Med Tech I, **Course length:** Full Year

This year focuses more specifically on various careers in health care. Content covers safety, infection control, growth and development, personal care, mental health, food and nutrition, reproduction, pharmaceutical agents, medical imaging, physical exams, health informatics, and employment skills. Extensive time is spent in several health care facilities shadowing various health care professionals. Field trips and HOSA competitions are planned.

Students must have a completed TB test.

HEALTH SCIENCE ORIENTATION

Open to: Grades 11-12 **1 credit**

Elective course for students interested in the nursing field or medical technologies.

TEACHER ACADEMY I

Open to: Grades 11-12 - **2 credits**

Prerequisite: Selection **Course length:** Full Year

Teacher Academy is a pathway for students in the Human Science, Art, and Humanities career cluster. The Teacher Academy program is a high school course designed to attract students to the field of education, to provide information and field experiences relevant to pursuing a degree in education, and to prepare students for the rigors of a career in education so they will remain long-term educators. The Teacher Academy pathway includes classroom and hands-on experiences that will prepare students for employment or continuing education in the education field.

TEACHER ACADEMY II

Open to: Grades 11-12 - **2 credits**

Prerequisite: Teacher Academy I **Course length:** Full Year

This course provides students with the opportunity to gain advanced skills needed to enhance them as learners, teachers, and communicators. Areas of study include safety, instructional strategies, planning instruction, professional learning, and assessing teaching and learning.

ENGINEERING I

Open to: Grades 11-12 - **2 credits**

Prerequisite: Selection **Course Length:** Full year

Robotics and Engineering I is a year-long class which focuses on various engineering topics and robotic development and programming. The purpose of the engineering component is to provide students with expanded knowledge of the use of technological skills and to enable them to solve problems by applying knowledge in a technological context. The program is designed to provide students with hands-on experiences related to the application of engineering concepts in the workplace. These topics include CAD, 3D printing, milling, physics, electronics, graphic design, pneumatics and hydraulics. The focus of the robotics component is for students to design and maintain robots, to explore various applications for them, and to exhibit their programming knowledge and skills to students, other schools and related industry. Students will earn two high school credits: one science/physics credit and one elective credit.

ENGINEERING II

Open to: Grades 11-12 - **2 credits**

Prerequisite: Engineering I **Course Length:** Full year

Robotics and Engineering II is the second part of a two year program which focuses on further investigation of engineering topics and robotic development and programming. The purpose of the engineering component is to provide students with expanded knowledge of the use of technological skills and to enable them to solve problems by applying knowledge in a technological context. The program is designed to provide students with hands-on experiences related to the application of engineering concepts in the workplace. These topics include CAD, 3D printing, milling, physics, electronics, graphic design, pneumatics and hydraulics. The focus of the robotics component is for students to design and maintain robots, to explore various applications for them, and to exhibit their programming knowledge and skills to students, other schools and related industry. Students who complete the program will be better prepared to enter and succeed in engineering programs offered by Mississippi community and junior colleges and institutions of higher education.

LAW AND PUBLIC SAFETY I

Open to: Grades 11-12, **2 credits**

Prerequisite: Instructor Approval **Course length:** Full Year

This course focuses on the history of law and legal systems in the United States. Students will leave the class with a firm foundation of knowledge in these areas. Additionally, students will learn the importance of personal health and safety in the work environments associated with law and public safety. Students will also be introduced to the emergency services found in local communities. Additionally, students will focus on corrections in the state of Mississippi, studying specifically how jails and prisons function.

LAW AND PUBLIC SAFETY II

Open to: Grades 11-12, **2 credits**

Prerequisite: Instructor Approval **Course length:** Full Year

This course focuses on specialized areas and topics within the law and public safety arena. Students will learn about these particular areas and examine the daily tasks and responsibilities of the professionals associated with them. The course will offer students the opportunity to examine all areas of the military and the professions associated with each. Additionally, students will learn about emergency management and workplace skills and will have meaningful, relevant job-shadowing experiences with professionals.

Gulfport High School Career & Technical Education (CTE) Center does not discriminate on the basis of race, color, religion, national origin, sex, age, or disability in the provision of educational programs and services or employment opportunities and benefits.

Dual Credit

The Mississippi Gulf Coast Community College Dual Credit Program allows academically talented students of junior or senior high school classification who meet the following requirements to enroll in college courses. The requirements are as follows: successful completion of 14 core units and/or high school junior status, 3.0 or higher grade point average (unweighted), MGCCC admissions application, and completed verification form by the students' counselor or principal. **Students must meet these requirements for all dual credit courses plus any ACT prerequisite scores listed below. The Gulfport School District will pay the tuition for the following courses if the student has a 20 or higher on the ACT and if the student takes the course on the GHS campus.**

Additionally, students should also check with their future college to ensure that the course will transfer and count towards their degree. Dual credit will not impact your status as an entering freshman for our public in-state schools; however, students attending private and out of state schools should check with the admissions office at the school of their choice to ensure that credits earned through dual credit will not impact their status as an entering freshman. The offering of the courses listed below are contingent upon student demand.

DUAL CREDIT ENGLISH LANGUAGE COMPOSITION I

1 credit High School/ 3 hours College/5% weight

Prerequisites: Must meet MGCCC enrollment qualifications and have 17 ACT subscore on **both English and Reading Section** **Course length:** 1-9 weeks

Eligible juniors may take this course and receive credit for English III as well as college credit for English Composition I. Eligible seniors may take this course and receive credit for English IV as well as college credit for English Composition I. This is a college level course, so students should expect rigor in the course. Excellent attendance is necessary for success. English Composition I is designed to prepare the student for writings required in college and the workplace with an emphasis on effective paragraph and essay development.

DUAL CREDIT ENGLISH LANGUAGE COMPOSITION II

1 credit High School/ 3 hours College/5% weight

Prerequisites: Must meet MGCCC enrollment qualifications and have 17 ACT subscore on **both English and Reading Section** **Course length:** 1-9 weeks

Eligible juniors/seniors may take this course and receive credit for English IV as well as college credit for English Composition II. This is a college level course, so students should expect rigor in the course. Excellent attendance is necessary for success. English Composition II is designed to prepare the student for writings required in college and the workplace with an emphasis on effective paragraph and essay development.

DUAL CREDIT COLLEGE ALGEBRA

1 credit High School/ 3 hours College/5% weight

Prerequisites: Must meet MGCCC enrollment qualifications and have 19 ACT subscore on Math Section **Course length:** 1-9 weeks

This course includes inequalities; functions; linear and quadratic equations, circles, and their graphs; rational, radical, and higher-order equations; applications; polynomial and rational functions; logarithmic and exponential functions; systems of equations.

DUAL CREDIT WORLD CIVILIZATIONS I

1 credit High School/ 3 hours College/5% weight

This course provides a general survey of European history from ancient times to the mid-seventeenth century.

DUAL CREDIT WORLD CIVILIZATIONS II

1 credit High School/ 3 hours College/5% weight

Prerequisites: Must meet listed requirements for the college and completed World Civ I **Course length:** 1- 9 weeks

This course provides a general survey of modern global civilizations from the mid-fifteenth century to the present.

DUAL CREDIT COLLEGE BIOLOGY

1 credit High School/ 4 hours College/5% weight

Prerequisites: Must meet listed requirements for the college **Course length:** 1 term

A lecture and lab course for science majors that includes study of the scientific method, chemistry relevant to biological systems, cell structure and physiology, cell processes including photosynthesis and cellular respiration, cell division, genetics, and molecular genetics.

PHYSICAL EDUCATION

PHYSICAL EDUCATION, GRADE 9

Open to: Grade 9 - 1/2 credit or 1 credit

Prerequisite: None **Course length:** 1-9 weeks or 1 term

This introductory Physical Education course is designed to teach recreational and sports skills while providing the knowledge, skills, and activity opportunities to acquire a desirable level of physical fitness. The course familiarizes students with various ways to condition and maintain a healthy lifestyle. This course occasionally touches on topics such as nutrition that can help with weight control, toning, and stress management. Information acquired from personal fitness assessments will be used to assist students in the planning of personal fitness programs to meet their current and future fitness needs. Evaluation in all classes is based upon daily participation, skills observation, and journal entries. This course will be grouped by females and males.

PHYSICAL EDUCATION, GRADES 10-12

Open to: Grades 10-12 - 1/2 credit or 1 credit

Prerequisite: None **Course length:** 1-9 weeks or 1 term

This introductory Physical Education course is designed to teach recreational and sports skills while providing the knowledge, skills, and activity opportunities to acquire a desirable level of physical fitness. The course familiarizes students with various ways to condition and maintain a healthy lifestyle. This course occasionally touches on topics such as nutrition that can help with weight control, toning, and stress management. Information acquired from personal fitness assessments will be used to assist students in the planning of personal fitness programs to meet their current and future fitness needs. Evaluation in all classes is based upon daily participation, skills observation, and journal entries. This course will be grouped by females and males.

ATHLETIC WEIGHT TRAINING

Open to: Grades 9-12 **Credit:** 1 credit

Prerequisite: Coach's Recommendation **Course length:** 1 term

These courses are offered to student-athletes participating in football, basketball, soccer, baseball, and softball. These sports require a maximum level of strength, fitness and conditioning. Student athletes are required to be an active member of a varsity sport at GHS to be eligible. Student Athletes will also be loaded for their sport if it is taught during the school day. These sports include: Football, Basketball, Baseball, Softball, Soccer, Golf, Tennis and Cheerleading.

COMPREHENSIVE HEALTH

1/2 credit

Prerequisite: None **Course length:** 1- 9 weeks

Contemporary Health includes classroom and hands-on experiences that help students acquire the knowledge, attitudes, and skills necessary for making health-promoting decisions, achieving health literacy, adopting health-enhancing behaviors, and promoting the health of others. In this course of study, emphasis is placed on personal, social, and mental health in today's society. It includes instruction on human growth and development, disease prevention and control, substance abuse and prevention, community and environmental health, nutrition and wellness, and safety and first aid. Students will be provided with instruction that is clearly relevant to today's rapidly changing world. Successful completion of this course meets the comprehensive health requirement for graduation.

MILITARY SCIENCE

JROTC I

1 credit

Prerequisites: None **Course length:** 1 term

The Marine Junior ROTC program introduces students to the basics involved in assuming leadership roles. Cadets are challenged mentally on topics, which include marksmanship and safety, map reading, first aid, and communication techniques. Physical challenges are also involved to build self-awareness.

JROTC II

1 credit

Prerequisite: JROTC I **Course length:** 1 term

This course is a continuation of JROTC I and involves Intermediate leadership training. Cadets will learn basic Management skills, become physically conditioned, and practice problem solving in practical situations. The course will discuss career opportunities and the role of the marine and technology.

JROTC III

1 credit

Prerequisite: JROTC II **Course length:** 1 term

This course is a continuation of JROTC II. Cadets will progress into an applied leadership situation with responsibilities of command and administrative duties including planning and execution of JROTC activities.

JROTC IV

1 credit

Prerequisite: JROTC III **Course length:** 1 term

JROTC IV is a continuation of JROTC III and involves advanced leadership training. Completion of this level may lead to advanced rank at the college level and/or a JROTC college scholarship. Topics studied include; drug awareness/prevention, military history, command and staff procedures, marksmanship, and career opportunities.

All JROTC classes are taught in the fall and the lab portion is taught in the spring. The JROTC classes are taught all year long for 1 credit in the fall and 1 credit in the spring.

SPECIAL EDUCATION DEPARTMENT

Eligibility for special education is determined only after an in-depth study has been conducted and the school assessment team has completed a comprehensive evaluation. An Individual Education Plan must be developed before a student may be enrolled in special education classes. The student will be assisted in the selection of the appropriate classes by his/her parents, counselor, and teachers from the special education department.

LEARNING STRATEGIES:

1 credit

Prerequisites: I.E.P. placement **Course length:** 1 credit in the fall and 1 credit in the spring

This program focuses on individual tutorial assistance for academic deficits experienced by the special education student in regular education classes. Strategies and accommodations are presented in an effort to help students be more successful in all subject areas. Only identified students working toward a high school diploma may take these classes.

COMMUNITY SKILLS PROGRAM:

This program is designed for students with significant academic challenges. The intent is to prepare students for the transition from school environment into the work environments. The goal of this program is to enable the student to complete objectives stated in the student's IEP as requirements for school completion. These classes lead to school completion with a certificate of completion.

CS Functional Academics:

Prerequisite: I.E.P. **Course length:** 1 term

Incorporates academic pre-requisite skills including reading, writing, science, and math.

CS Domestic:

Prerequisite: I.E.P. **Course length:** 1 term

Daily living skills necessary for students to function independently and safely in the home.

CS Health Awareness

Prerequisite: I.E.P. **Course length:** 1 term

Skills related to knowing oneself, establishing and maintaining satisfactory interpersonal relationships, living a healthy lifestyle, reporting illnesses and accessing health care, problem solving, independent functioning and other qualities necessary for living and working.

CS Employability Skills

Prerequisite: I.E.P. **Course length:** 1 term

Daily living skills that relate to independent living and occupational functioning.

MISSISSIPPI OCCUPATION DIPLOMA

The Mississippi Occupational Diploma option is designed primarily for students with mild to moderate disabilities that, in the opinion of the IEP Team, are appropriate candidates. This option will provide for meaningful inclusion of students with disabilities in the community and the workplace, thereby achieving increased independence, citizenship, and post-school employment.

EMPLOYMENT ENGLISH I

EMPLOYMENT ENGLISH II

EMPLOYMENT ENGLISH III

APPLIED EMPLOYMENT ENGLISH IV

Prerequisite: I.E.P. **Course length:** 1 term

Employment English delineates functional content standards necessary for achieving reading, writing, and language competency in the workplace and in community life. Reading focuses on decoding and comprehending essential information for successful community inclusion; writing emphasizes comprehending and using written information to communicate with others effectively; and language competencies focus on receptive and expressive communication modes, and the mechanics, grammar, and usage conventions of Standard English.

JOB SKILLS MATH I

JOB SKILLS MATH II

JOB SKILLS MATH III

APPLIED JOB SKILLS MATH IV

Prerequisite: I.E.P. **Course length:** 1 term

Job Skills math engages the student in acquisition of functional math concepts designed to equip the individual with math skills needed for successful employment and independent living. Content standards include basic math skills such as numerical operations, decimals and fractions, basic geometric concepts, and basic calculator and computer skills. Essential workplace competencies and applications are emphasized as well as independent living needs such as budgeting, personal finance, and banking skills.

LIFE SKILLS SCIENCE I

LIFE SKILLS SCIENCE II

LIFE SKILLS SCIENCE III

APPLIED LIFE SKILLS SCIENCE IV

Prerequisite: I.E.P. **Course length:** 1 term

Life Skills Science prepares students for independent living by providing awareness and acquisition of health care knowledge, personal self-care skills, and basic scientific concepts relevant to productive independent living and employment.

CAREER PREP SOCIAL STUDIES I & CAREER EXPLORATION I

CAREER PREP SOCIAL STUDIES II & CAREER EXPLORATION II

CAREER PREP SOCIAL STUDIES III & CAREER EXPLORATION III

APPLIED CAREER PREP SOCIAL STUDIES IV & CAREER EXPLORATION IV

Prerequisite: I.E.P. **Course length:** 1 term

Career Preparation includes community-based instruction, which will enable students to practice previously learned concepts in an authentic setting. Skills to be developed and applied include community orientation skills, mobility skills, basic geographical concepts, governmental concepts, and the individual's role as a citizen in a democratic republic.

READING LITERATURE I

READING LITERATURE II

READING LITERATURE III

READING LITERATURE IV

Prerequisite: I.E.P. **Course length:** 1 term

Reading Literature is designed to help students improve fundamental reading skills, including word-attack skills, vocabulary development, reading comprehension, fluency, and interpretation.

ELECTIVE COURSES

PSAT PREP

1/2 credit/5% weight

Prerequisite: Top scorer on the PSAT taken in 10th grade **Course length:** 1 - 9 weeks

This course is to help students prepare for the PSAT/NMSQT. The PSAT is a national test developed by the College Board and co-sponsored by the National Merit Scholarship Corporation. Its results are used to identify junior students as National Merit Semifinalists. This national test is given each October and measures critical reading skills, math problem-solving skills, and writing skills

PSAT SKILLS

1/2 credit/5% weight

Prerequisite: Top scorer on the PSAT taken in 10th grade **Course length:** 1 - 9 weeks

This course is in addition to the PSAT Prep course. This course will help students prepare for the PSAT and the SAT.

ACT PREP

1/2 credit

Prerequisite: Have taken the ACT Course **length:** 1 quarter

This course is to help students prepare for the ACT. The ACT is a national test that consists of four multiple-choice tests: English, Mathematics, Reading, and Science. The ACT Plus Writing includes the four multiple-choice tests and a writing test. Results are frequently used by colleges and universities to evaluate prospective students in the admission and scholarship processes.

HIGH TECH VIDEO (GTV)

Prerequisite: Instructor Approval **Course length:** 1 term (students can take this all year for 2 credits)

High Tech Video provides the student with quality academic instruction in television and video production by providing training in equipment operation, reporting, and scriptwriting, as well as planning, directing, and producing video projects. In this course, the student will be a part of the GTV news production staff that is aired each week school wide as well as posted on our school website.

JOURNALISM (Annual Staff)

1 credit fall and 1 credit spring

Prerequisites: Application and selection **Course length:** 1 credit fall 1 credit spring

Journalism a course in which students create a business to earn funds necessary for the production of the school's yearbook. The students on yearbook staff work as a team to conduct yearbook sales and ad sales. The members of this staff are also responsible for using desktop publishing to create the ad section of the yearbook. The students develop organizational skills and responsibility as they learn to deal with the public in each of these activities.

FAMILY DYNAMICS

½ credit fall/spring

Prerequisite: None

Course length: 1 quarter

Family Dynamics is a course that develops skills related to personal, family, and social issues. It includes instruction in dimensions of adolescent development, family decisions and responsibilities, social decisions and responsibilities, and management of family systems in today's society.

RESOURCE MANAGEMENT

½ credit fall/spring

Prerequisite: None

Course length: 1 quarter Resource Management is a course that addresses the identification and management of personal resources and family finances to meet the needs and wants of individuals and families throughout the family life cycle, considering a broad range of economic, social, cultural, technological, environmental, and maintenance factors.

NUTRITION AND WELLNESS

½ credit fall/spring

Prerequisite: None

Course length: 1 quarter

Nutrition and Wellness is a course that develops skills related to proper nutrition and the concept of overall wellness. It includes instruction in nutrition, exercise and diet, healthy food choices, meal preparation, and components for a healthy lifestyle.

CHILD DEVELOPMENT

½ credit fall/spring

Prerequisite: None

Course length: 1 quarter

Child Development is a course that develops skills related to physical, social, intellectual, and emotional development of the child. It includes instruction on considerations for parenthood, prenatal care, child growth and development, behavior management, needs of exceptional children, and career opportunities.

Gulfport High School does not discriminate on the basis of race, color, religion, national origin, sex, age, or disability in the provision of educational programs and services or employment opportunities and benefits.