

Starkville
High School
Course Directory
&
Information Guide
2017-2018



Proud to be a Yellow Jacket!!

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SHS COURSE DESCRIPTIONS

Department of Business and Technology

Business Law

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.

Prerequisite: Students enrolled can be 9-12th grade, however being a Sophomore is recommended

Credit: ½ Fee: \$10.00

Graphic Design I

Graphic Design I is designed to provide the student an introduction to various graphic and image editing programs. Students will learn to consider standard design guidelines while developing their projects.

Prerequisite: Must be at least a Sophomore

Credit: ½

Fee: \$10.00

Graphic Design II

Graphic Design II is a continuation of Graphic Design I. In this course, students will learn to use additional advanced features not covered in Graphic Design I. Students will continue exploring the design guidelines for creating effective and visually appealing projects.

Prerequisites: Graphic Design I; must be at least a Sophomore

Credit: ½

Fee: \$10.00

Personal Finance

Personal Finance allows the student to explore personal financial decision-making. It also helps individuals use skills in money management, record keeping, banking, and investing. The course accomplishes this by the study of basic concepts involving economics, insurance, banking, credit, stocks and bonds, and other related topics through the use of business research tools and technological resources. Activities will include preparation of budgets, consumer skills, checking accounts, investment applications, comparison-shopping, advertising research, standard of living analysis, and comparison of housing options.

Prerequisite: Students enrolled can be 9-12th grade, however being a Sophomore is recommended

Credit: ½ Fee: \$10.00

Web Design and Media Rich Content

Web Page Design and Media Rich Content is an introductory and continuation course that examines basic HTML editors and Web publishing software. Course skills for the introductory portion will include learning HTML code and the essential ways to develop a web page. The continuation portion of the course is designed to expand on the material taught in the introductory section of Web Page Design. *Prerequisite: None*

Credit: 1

Fee: \$10.00

ACT Prep

Preparatory course for high school sophomores, juniors, and seniors is designed to develop the skills necessary to improve ACT scores. This course emphasizes test-taking techniques in addition to providing the preparation in each portion of the test in English, mathematics, reading, and science.

Prerequisite: Student must be a Sophomore, Junior, or Senior Credit: ½

Department of English

Learning Strategies

The Learning Strategies course uses the Fast ForWord program to help with building basic skills and knowledge needed for passing the Mississippi Subject Area Tests. The course offers remediation for those who are working toward successful completion of the state tests required for graduation.

Credit: ½

Fast ForWord

Fast ForWord is a series of computer-delivered brain fitness exercises designed to produce dramatic language and reading improvement in a variety of student populations by improving memory attention and processing skills.

Credit: ½ Prerequisite: Based on test data

English I

This course emphasizes basic language concepts such as vocabulary, grammar, and composition. In grammar, emphasis is placed on recognition of the parts of speech, the parts of the sentence, correct usage, and mechanics. In composition, emphasis is placed on good sentence structure, mastery of paragraph development, and writing unified, coherent paragraphs. Along with grammar and composition skills, students will study literature and text complexity in a variety of genres.

Credit: 1 Prerequisite: English 8

English I - Honors

This course is for advanced students who have already mastered the basic rules of spelling, grammar, and paragraphing. A special emphasis is placed on vocabulary development. Types of literature studied include short stories, non-fiction, drama, and novels with an emphasis on essential literary elements as well as text complexity. *Prerequisite: English 8 or English 8-Honor Student must score within the advanced range on the Reading and/or Language Sections of the Mississippi Curriculum Test and/or have an "A" average in eighth grade English Credit: 1*

English II

This course is designed to allow students to become more proficient in composition skills and acceptable use of the English Language and to help prepare them for the state-mandated exit test required for graduation. Along with grammar, students study literature in the areas of the short story, poetry, informative texts, biography and autobiography, drama, and novels.

STUDENTS ARE REQUIRED TO TAKE AND PASS THE STATE ENGLISH EXAMS, WHICH ARE REQUIRED FOR GRADUATION IN THE STATE OF MISSISSIPPI.

Credit: 1 Prerequisite: English I

English II -Honors

Since this course is a college preparatory course, students should have mastered the basic rules of spelling, punctuation, grammar, and composition before enrolling in this course. Grammar emphasis is placed on more advanced concepts, along with preparation for the state-mandated exit test. Types of literature studied include short stories, informative texts, poetry, drama, and novels. **STUDENTS ARE REQUIRED TO TAKE AND PASS THE STATE ENGLISH EXAMS, WHICH ARE REQUIRED FOR GRADUATION IN THE STATE OF MISSISSIPPI.**

Credit: 1 Prerequisite: English I or English I Honors

English III

This course will build upon the teaching of grammar, mechanics, vocabulary, usage, and improved sentence structure with the aim of promoting effective oral and written communication. The writing program encourages clear communication, creativity, and greater personal awareness. The reading program focuses on American literature and involves outside reading projects, novels, and a required documented research project IS REQUIRED FOR CREDIT in the course.

Credit: 1 Prerequisite: English II

English III - Honors

This course briefly reviews the basic elements of grammar and usage while placing emphasis on more advanced concepts such as vocabulary enhancement. In composition, emphasis is placed upon creative writing, expository writing, literary analysis, and a documented research project. The documented research project IS REQUIRED FOR CREDIT in the course. The course is a survey of American literature, which means that it coincides with content covered in the U.S. History course. Outside readings are required, and classic American novels are studied in this class.

Credit: 1 Prerequisite: English II or English II-Honors

English IV

This course offers instruction in English grammar and usage, practical writing skills, and literature. The writing is aimed primarily at strengthening communication skills. Writing paragraphs and essays of an expository, narrative, argumentative and critical text complexity is required. Literature studies emphasize reading for understanding of both content and form. A documented research paper IS REQUIRED for a student to receive credit for this course, as is a visual aid and an oral presentation.

Credit: 1

Prerequisite: English III

English IV – Honors

Selection of this course indicates the student's intention to continue his/her education at the college level; thus, the objective of This course is preparation for college proficiency in the language arts. The student should have already mastered formal grammar concepts and have knowledge of standard usage. To achieve college proficiency, the student reads and writes extensively. Sentence style, structure, and vocabulary are emphasized in expository, argumentative, narrative, and critical writing. A documented research paper IS REQUIRED for a student to receive credit in this course. A survey of British Literature with related readings, including informational text, is pursued.

Credit: 1

Prerequisite: English III or English III-Honors, Teacher Recommendation

Creative Writing

This course provides the student an opportunity to express himself/herself through original fiction, poetry, non-fiction, and drama. Repeated use of the "writing process" promotes the student's proficiency in writing. The course attempts to refine the writing process by developing critical thinking skills, by expanding the imagination, by promoting the use of figurative and literal language, and by creating plausibility. Publishing procedures are also reviewed during the process. Students who elect to take this course should be enthusiastic writers. The students will create a personal writing portfolio, which serves as the final exam.

Credit: ½

Prerequisite: English II or English II Honors

African-American Literature

This course includes a wide variety of writings, including, but not limited to, short stories by both early and recent authors and extensive poetry study by African-American authors. Writing assignments and various projects are required throughout the course. Students should keep in mind that the reading in this class is in addition to that required in their core English classes in which they may be enrolled.

Credit: ½

Prerequisite: English II or English II Honors

Advanced Placement English Language and Composition

This is a college-level course focusing on critical reading, interpretation, and writing. The course is designed to give students multiple opportunities to display effective writing techniques in a variety of styles for a wide range of audiences. Students will analyze expository, analytical, personal and argumentative texts including essays, letters, speeches, images, and literature. Students enrolled in the course are EXPECTED to take the College Board Advanced Placement examination, which is administered in May each year. The fee for this exam is between \$85.00 - \$90.00. Financial assistance is available for those who qualify.

Credit: 1

Prerequisites: At least a "B" average or better in the last two English courses

Advanced Placement English Literature (Literature and Composition)

The object of this course is to develop analytical reading and writing skills equivalent to college proficiency. The course concludes with the American College Board Advanced Placement Test, which when successfully completed may result in the awarding of college credit. With concentration on analytical reading and writing, students continue the development of essay styles used in honors English classes. The literature studied is presented by genre and theme through the analysis of drama, poetry, short stories, essays, and novels. Reading and writing in this course is EXTENSIVE. Students enrolled in the course are EXPECTED to take the College Board Advanced Placement examination, which is administered in May each year, and there is a fee between \$85.00 - \$90.00. Financial assistance is available for those who qualify.

Credit: 1

Prerequisites: English III Honors and/or Advanced Placement English Language and Composition and English IV Honors

Print Journalism

The students enrolled in this course comprise the editorial staff of *The Jacket Buzz* student newspaper and *The Yellow Jacket Yearbook* publications. They will sell, design, and layout advertising for both publications, as well as take photographs of relevant events throughout the school year, produce news copy using computers, design page spreads using professional software. Students will be responsible for the distribution of the previous year's yearbook during the fall term, as well as selling both yearbooks and newspapers for the current year. Grades in this course will be based on meeting deadlines for copy and page layouts, and meeting set quotas for advertising and publication sales. Second year students in this course are eligible to apply for managerial positions such as editor, ad manager, etc.

Prerequisites: Consent of the Journalism Advisor and at least an 85 in English

Credit: 2 This course is a two-semester, full school year course.

Broadcast Journalism

The Broadcast Journalism course provides the students with quality academic instruction in television/radio/video production by providing training in equipment operation, reporting, and scriptwriting, as well as planning, directing, and producing video projects.

Credit: 2 - This course is a two semester full-year course

Pre-requisite: Consent of the Journalism Advisor

Oral Communication

This course prepares the student to speak in front of an audience. Students are expected to deliver different types of speeches As well as prepare written outlines. Research skills are utilized. Introductions to group discussions, basic communication, and Oral interpretation are included.

Credit: ½

Prerequisite: None

Debate I

This course offers the student a formalized system for handling controversy that cannot be resolved through discussion. The chief characteristic of debate is its provision to disagree according to established rules. This course is designed to teach the individual to communicate in a skilled manner and to utilize higher order thinking skills in order to resolve differences with evidence rather than opinion. From this class a debate team will be established and will compete with other high school students throughout the state. Students will learn research methods in order to prepare for the national debate topic, which changes each year. In addition to debating competitively, students will compete in other oratorical contests.

Credit: ½

Prerequisite: English I with a "B" or better

DE/DC English Composition I

ENG 1113 prepares the student to think critically and compose texts for academic and professional rhetorical situations.

Students who pass this course will receive three hours college credit as well as 1 SHS English credit. DE/DC requirements apply.

Prerequisites: 3.0 GPA with 14 core credits and an ACT Composite score of 17 or higher (must also have at least a "17" on the English of the ACT)

Fee: College admission fee, online course fee, and textbook fees

DE/DC English Composition II

ENG 1123 is a continuation of ENG 1113 with emphasis on research, argumentation and composition. Readings, essays, and a research paper are required. Students who pass this course will receive three hours college credit as well as 1 SHS English credit.

Prerequisites: Pass ENG 1113 with a "B" or higher

Fee: College admission fee, online course fee, and textbook fees

Department of Mathematics

Compensatory Math

This course is designed to be a bridge between Eight Grade Mathematics and Algebra I. The following topics are included: real numbers and their properties, formulas, equations, inequalities, graphing in one and two variables, and polynomials.

Credit: 1 Prerequisite: Eight Grade Math

Foundations of Algebra

The primary purpose of this course is to provide a basis for curriculum development for rising 9th grade students in need of substantial support prior to taking Algebra I. The content of the course focuses on equations, inequalities, functions, polynomials, geometry, and statistics as well as the standards of mathematical practice. The standards for this course were developed based on core content that should have been mastered by the end of the grade 8 and key skills that will be introduced in Algebra I. Students who have already successfully completed Algebra I may not take this course.

Credit: 1

Algebra I

This course provides a foundation in the language, basic skills, and concepts of algebra. The following topics are included: rational numbers, algebraic expressions, linear equations, polynomials, factoring applications, inequalities and graphing, and state literacy skills. **STUDENTS ARE REQUIRED TO TAKE AND PASS THE STATE ALGEBRA EXAM WHICH IS REQUIRED FOR GRADUATION IN THE STATE OF MISSISSIPPI.**

Credit: 1 Prerequisite: Eight Grade Math with an "A" or better or Compensatory Math

Geometry

This course provides experiences that increase student understanding of shapes and their properties. This course is the development of a logical mathematical system from a set of undefined terms, defined terms, axioms, postulates, and theorems. Topics include special relationships among points, lines, and planes, angle relationships, triangles, polygons, circles, and solids.

Credit: 1 Prerequisite: Algebra I or Algebra I-Honors

Geometry – Honors

This course provides experiences that increase student understanding of shapes and their properties. This course is the development of a logical mathematical system from a set of undefined terms, defined terms, axioms, postulates, and theorems. Topics include special relationships among points, lines, and planes, angle relationships, triangles, polygons, circles, and solids. It is designed to follow a **RIGOROUS** study of topics mentioned above. Formal proofs will be a large part of this course.

Credit: 1 Prerequisite: Algebra I or Algebra I-Honors with a "B" average

Algebra II

This course is a continuation and extension of the skills developed in Algebra I. Topics studied include linear equations, Relations and functions, polynomials, rational expressions and equations, radicals, matrices, quadratic equations, and systems of linear and quadratic equations.

Credit: 1 Prerequisite: Algebra I or Algebra I-Honors and Geometry or Geometry Honors

Algebra II – Honors

This course is a continuation and extension of the skills developed in Algebra I Accelerated. It is taught at a more rigorous level than Algebra II. Special emphasis is placed on advanced problem solving and reading problems, as well as proofs of theorems. Topics studied include linear equations, relations and functions, polynomials, rational expressions and equations, radicals, matrices, quadratic equations, and systems of linear and quadratic equations.

Credit: 1 Prerequisite: Algebra I –Honors or Algebra I with an "A" average, and Geometry Honors

SREB Math

This course is designed to be a bridge between Algebra II and Algebra III. This course provides a deeper understanding of the circular (or trigonometric) functions than geometry while leaving room for growth in Algebra III. It also covers the algebraic topics such as: systems of equations, exponential and logarithmic functions, and sequences and series.

Credit: 1 Prerequisite: Geometry and Algebra II

Algebra III

This course is designed to prepare students for calculus. It includes topics from trigonometry as well as advanced algebra. The study of trigonometry extends algebraic skills to the exploration of circular and triangular functions with their properties and graphs. It also includes trigonometric identities and equations, Law of Sines, and the Law of Cosines, polynomial equations, matrices, conic section, vector, and binomial theorem. Students should gain confidence in their ability to manipulate trigonometric functions and should learn to value the applications of trigonometry and a more in-depth study of algebra to real world situations. Algebraic topics include polynomial, exponential, and logarithmic functions, sequences and series, limits and continuity, definition of derivative, and using the derivative in curve sketching and finding maximum/minimum values of polynomial functions.

Credit: 1

Prerequisite: Geometry – Honors or Geometry with an “A” average as well as Algebra II – Honors or Algebra II with an “A” average and SREB Math

Advanced Placement Statistics

This course is designed to prepare students for the national Advanced Placement Statistics examination, which takes place each year in May. Students are required to take this national exam, which does require a supplemental fee. This course is for students who have been successful in Statistics and wish to pursue the subject in more depth and who intend to do research in technical or medical fields with advanced mathematical skills in college. Students enrolled in the course are REQUIRED to take the College Board Advanced Placement examination, which is administered in May each year and there is a fee between \$85.00–\$90.00. Financial assistance is available for those who qualify

Credit: 1

Prerequisite: Algebra II – Honors or Algebra II with an “B” average, or Algebra III

Calculus

This course is designed for students who have successfully completed Pre-Calculus. Only the best math students are encouraged to take this course. The course includes a discussion of topics in analytic geometry, continuity and discontinuity of functions, limits, derivatives, application of the derivative, and differential equations.

Credit: 1

Prerequisite: Pre-Calculus

Advanced Placement Calculus AB

This course is designed to prepare students for the national Advanced Placement Calculus examination, which takes place each year in May. Students are required to take this national exam, which does require a supplemental fee. This course is for students who have been successful in Calculus and wish to pursue the subject in more depth and who intend to study technical or medical careers with advanced mathematical skills in college. Students enrolled in the course are REQUIRED to take the College Board Advanced Placement examination, which is administered in May each year and there is a fee between \$85.00- \$90.00. Financial assistance is available for those who qualify.

Credit: 1

Prerequisite: Calculus

Advanced Placement Calculus BC

This course is equivalent to both 1st and 2nd semester college Calculus courses. It teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Students enrolled in the course are REQUIRED to take the College Board Advanced Placement examination, which is administered in May each year and there is a fee between \$85.00 - \$90.00. Financial assistance is available for those who qualify

Credit: 1

Prerequisite: AP Calculus AB

DE/DC College Algebra

This course includes inequalities; functions; linear and quadratic equations, circles, and their graphs; applications; polynomial and rational functions; logarithmic and exponential functions; systems of equations. 3 semester hours credit. 1 SHS Credit
DE/DC requirements apply.

Prerequisite: 3.0 GPA with 14 credits

Fee: Admission Fee

Department of Social Studies

Mississippi Studies/ Introduction to World Geography

This course is designed as an in-depth study of Mississippi. The state's history is traced from the beginning to the present, highlighting various ethnic groups and major historical events. Geographic, environmental, and demographic concepts are discussed. Mississippi's culture is studied through the literature, art, and music from various periods. The three branches of state government and local government, and Mississippi's election process are included in the course material. The world geography portion is a basic introduction to world geography. After a review of map skills, units on climates, ecosystems, and tectonic activity precede basic units on the USA and its neighbors, South America, Asia, Africa, and Europe. Reading maps and developing vocabulary are stressed.

Credit: 1 Prerequisite: None

Advanced Placement Human Geography

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, and use and alteration of the Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Topics include populations, cultural patterns and processes, political organization of space, industrialization and economic development, agricultural and rural land use, and cities and urban land use. Students are expected to complete summer reading assignments selected by the instructor. Special emphasis will be given to college-level writing skills including Free-Response and Document-Based Question essays. Students enrolled in the course are REQUIRED to take the College Board Advanced Placement examination, which is administered in May each year and there is a fee between \$85.00 - \$90.00. Financial assistance is available for those who qualify.

Credit 1

World History

This survey course emphasizes the period 1750 to the present and is required for graduation. Topics of study include (but are not limited to) the Scientific Revolution, Enlightenment, American and French Revolutions, the Cultural Revolution of the 19th Century, Imperialism, World War I, Inter-War Years, World War II, Decolonization, Cold War, Post-Cold War, and Recent Past. Students are expected to analyze primary historical documents and work with other historical materials including maps, charts, graphs and cartoons.

Credit: 1 Prerequisites: Mississippi Studies

World History – Honors

In addition to the requirements of World History (see above), students in accelerated classes complete more stringent tests and elaborate projects. Additionally, a more rigorous emphasis is placed on preparing students for college-level writing.

Credit: 1 Prerequisites: Mississippi Studies-Honors

Advanced Placement European History

This course is designed to prepare students for the national Advanced Placement European History examination, which takes place each year in May. Students are required to take this national exam, which does require a supplemental fee. The course emphasizes the period from 1450 to the present. Topics of study include (but are not restricted to) the renaissance, reformation, religious wars, exploration, commercial revolution, scientific revolution, enlightenment, French Revolution, Napoleonic era, industrial revolution, cultural revolution, Italian and German nationalism, "la belle epoch", World War I, inter war years, World War II, cold war, post-cold war, and recent past. Students are expected to complete summer reading assignments selected by the instructor. Special emphasis will be given to college-level writing skills including Free-Response and Document-Based Question essays. Students enrolled in the course are REQUIRED to take the College Board Advanced Placement examination, which is administered in May each year and there is a fee between \$85.00 - \$90.00. Financial assistance is available for those who qualify.

Credit: 1 Prerequisite: World History- Honors

United States History (1877 to Present)

This course is designed to allow students to become more proficient in their knowledge of the history of the United States. Topics emphasized include the nation's political, economic, cultural, and social development from 1877 to the present. Civic contributions and responsibilities of Americans to the ongoing democratic process are stressed, in addition to geographical skills and the use of social studies tools to interpret timelines, maps, primary and secondary documents, and political cartoons. Learning activities will include writing assignments and history related projects. **STUDENTS ARE REQUIRED TO TAKE AND PASS THE STATE U.S. HISTORY EXAM WHICH IS REQUIRED FOR GRADUATION IN THE STATE OF MISSISSIPPI.**

Credit: 1 Prerequisites: World History and must be classified as a junior

United States History (1877 to Present) – Honors

This is a college preparatory course. Students are expected to be proficient readers in order to enroll. Topics emphasized include the nation's political, economic, cultural, and social development from 1877 to the present. Civic contributions and responsibilities of Americans to the ongoing democratic process are stressed, in addition to geographical skills and the use of social studies tools to interpret timelines, maps, primary and secondary documents, and political cartoons. Learning activities are designed to improve performance on the ACT and SAT examinations and include independent thinking assignments, analysis and reading comprehension. **STUDENTS ARE REQUIRED TO TAKE AND PASS THE STATE U.S. HISTORY EXAM WHICH IS REQUIRED FOR GRADUATION IN THE STATE OF MISSISSIPPI.**

Credit: 1 Prerequisites: World History-Honors and must be classified as a Junior

Advanced Placement United States History

This is a secondary school equivalent to a college introduction course in American History. The course examines the United States from the founding of the first colonies to the present. Requirements include summer readings and written works, daily assignments of reading a comprehensive textbook as well as primary and secondary source readings, and the writing of objective, FRE's, (free response essays) and DBQ's (Document Based Questions). The course is structured to prepare students for the year-end American College Board Advanced Placement test, which when completed successfully may result in the awarding of college credit. This course is designed for the self-motivated student who welcomes a challenge. All students in this course are required to take the Advanced Placement Examination, which is administered in May each year. Students enrolled in the course are REQUIRED to take the College Board Advanced Placement examination, which is administered in May each year and there is a fee between \$85.00 - \$90.00. Financial assistance is available for those who qualify.

Credit: 1 Prerequisite: U.S. History-Honors; World History Honors and English II & III Honors

United States Government

This required course is a study of the basic democratic governmental functions: legislative, executive, and judicial. Units on The foundation of the American government system, political parties, the electoral process and civil rights are also covered.

Credit: ½ Prerequisites: United States History (1877 to Present) and must be a senior

United States Government – Honors

This course is designed for the student who desires an in depth study of the democratic governmental functions, political parties, the electoral process, civil rights, and foundations of the American governmental system. An intensive study of the Constitution and the Bill of Rights is conducted. Knowledge of current events is essential.

Credit: ½ Prerequisites: United States History (1877 to Present) - Honors

Advanced Placement United States Government & Politics

This course is designed to give students a critical perspective on government and politics in the United States. The course involves both the study of general concepts used to interpret American politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. Among topics of study are: Constitutional Underpinning of American Government, Institutions and Policy Processes of National Government, Political Parties and Interest Groups. Discussion, essays, research, projects and debates are emphasized. All students enrolled in this course are required to take the Advanced Placement examination administered by the College Board in May of each year. Successful performance of an end-of-semester Advanced Placement Test may result in college credit. A summer reading assignment is required resulting in the purchase of several paperback books. Students enrolled in the course are REQUIRED to take the College Board Advanced Placement examination, which is administered in May each year and there is a fee between \$85.00 - \$90.00. Financial assistance is available for those who qualify.

Prerequisites: United States History Honors (1877 to Present), or AP US History and must be a senior. Credit: ½

Economics

This course provides a general introduction to economics. It contains information that should make students better consumers. It also contains some economic theory, as well as information about the stock market, the banking industry, and finance. Government intervention and government regulations are also topics covered, as well as labor unions, markets, and problems that developing nations face.

Credit: ½

Sociology

Sociology introduces students to the basic principles and concepts of sociology as a discipline, stimulates students to become aware of the extreme importance of social relationships in human behavior, and enables students to develop the ability to look more objectively at the social phenomena. *Credit: ½*

Psychology

Psychology focuses on individual behavior and why an individual thinks, feels, and reacts to certain stimuli. Major emphases will be placed on research methods, stages in childhood and adolescence, how the brain works, altered states of consciousness, psychological testing, and psychological disorders. *Credit: ½*

AP Psychology

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Students enrolled in the course are REQUIRED to take the College Board Advanced Placement examination, which is administered in May each year and there is a fee between \$85.00 - \$90.00. Financial assistance is available for those who qualify.

Prerequisites: Must be a Junior or Senior with an "A" in Biology I, Biology I Honors or AP Biology Credit 1

Law Related Education

Students will develop an understanding of our legal system from both a historical perspective as well as our present day system. The nature and causes of crime are discussed as well. This course is designed to educate students about the basics of both civil and criminal law that are of practical use in everyday life. The court system, legal procedure and the trial process, as well as sentencing are an integral part of the course. Legal roles, rights, and responsibilities of citizens are discussed.

Credit: ½

Global Studies

Global Studies examines global issues, the individual's role in the global society, and the events that shape our world. Topics And themes include global issues such as food and population, the spread of disease, human rights, and empowerment of women, indigenous peoples, of the causes of poverty, ecological issues, and population shifts.

Credit: ½

Department of Science

Introduction to Biology

This course will provide students with a survey of science with an emphasis on organizational skills, critical thinking, reasoning skills, and methods of science. Students will be introduced to the laboratory and scientific literature as investigative tools to prepare students for Biology I. This course may not be taken after the student has passed Biology I.

Credit: 1 Prerequisite: None

Biology I

This is an introductory, lab based course designed to relate basic information of living organisms, their chemical and energy requirements, with their physical environment. The structure and function of cells, cell organization and reproduction, genetics, and living organisms' role in the environment is the focus of content. Students will relate modern biological techniques to real life situations and career opportunities. This course is recommended for 10th grade students. **STUDENTS ARE REQUIRED TO TAKE AND PASS THE STATE BIOLOGY EXAM WHICH IS REQUIRED FOR GRADUATION IN THE STATE OF MISSISSIPPI.**

Prerequisite: Student must score within the Proficient range on the Reading section of the Mississippi Curriculum Test and have an 80 average in 8th grade science Credit: 1

Honors Biology

This is a first year course for students with an interest in a science career or if undecided to prepare a strong science background. In addition to topics studied in Biology I, students will analyze scientific articles, prepare a lab report with each lab, complete more projects, be introduced to the human body and complete required summer reading assignments. This class is recommended for 9th or 10th grade students who are highly motivated. **STUDENTS ARE REQUIRED TO TAKE AND PASS THE STATE BIOLOGY EXAM WHICH IS REQUIRED FOR GRADUATION IN THE STATE OF MISSISSIPPI.)**

Prerequisite: An outside reading assignment will be required. Student must score within the Advanced range on the Reading section of the Mississippi Curriculum Test, and/or have an "A" average in 8th grade science

Credit: 1 Fee: \$10.00

Biology II

This is a laboratory-based course that continues the study of life. The unit studies include biochemical life processes, molecular basis of heredity, natural selection, behavior patterns, and advanced classification, and organism studies. Laboratory activities, research, the use of technology, and the effective communication of results through various methods are integral components of this course.

Prerequisite: Biology I or Biology I-Honors Credit: 1 Fee: \$15.00

Human Anatomy and Physiology

This course is a continuation of Biology I. It is a lab-based course that investigates the structure and function of the human body. Topics covered will include the functions of organ systems, the role of tissues in the body; homeostatic mechanisms, human genetics, human cytology. Relationships between major body systems will be emphasized along with the effects of drugs, nutrition, disease, and biotechnological advances on certain systems.

Prerequisite: Biology I or Biology I-Honors Credit: 1 Fee: \$15.00

Earth and Space Science

This is an introductory, laboratory-based course designed to explore the Earth and Universe. Topics include the composition of the Earth, weathering, plate tectonics, fossils, oceanography, atmospheric phenomena, the water cycle, and planetary and star systems. Laboratory activities, the use of technology, and the effective communication of results through various methods are integral components of this course.

Pre-requisite: Biology I or Biology I-Honors Credit: 1

Physical Science

This is an introductory lab-based course, which introduces chemistry and physics concepts. Topics covered from physics include energy, forces, motion, sound, light, electricity, and magnetism. Chemical topics include matter, physical and chemical properties and changes. This will be a good background course for future chemistry and physics students. Students who have completed chemistry and/or physics will not be allowed to enroll in this course.

Prerequisite: Algebra I or concurrent enrollment in Algebra I Credit: 1 Fee: \$10.00

Genetics

This is a concentrated lab-based course to investigate genetic problems, patterns of inheritance, genetic differences and metabolic errors. Current trends in genetic engineering, DNA fingerprinting, gel electrophoresis, and the human genome project will be investigated. This course is required for AP Biology. This course may be paired with Microbiology.

Prerequisites: Biology I or Biology I-Honors, B and Chemistry

Credit: ½ Fee: \$15.00

Botany

This is a lab-based course applying basic biological principles to the study of plants. Topics studied will include lower plant characteristics, variations in plant reproduction, taxonomy, higher plant characteristics and physical/chemical activities of plant physiology. Students will study mosses, ferns, gymnosperms, and angiosperms. There will be opportunities for lab work both indoors and outdoors. The importance of plants to the environment and economy will be identified. Several processes including photosynthesis, respiration, osmosis, and diffusion will be explored. This class is not taught every year.

Prerequisite: Biology I Credit: ½ Fee: \$10.00

Microbiology

This is a concentrated lab-based course that will investigate microorganisms and the various roles they play in our living world. Topics explored in this class will include identification of common microbes, culturing and staining microorganisms, host-microbe relationships and disease processes, environmental microorganisms, and microbiology uses in the industry. Lab work involving microscopes will be emphasized in this course as well as critical thinking, problem solving, and research. This course may be paired with Genetics

Prerequisite: Biology I or Biology I-Honors with a B and Human Anatomy & Physiology

Credit: ½ Fee: \$15.00

Zoology

This is a laboratory-based course that surveys the nine major phyla of the Kingdom Animalia. Morphology, taxonomy, anatomy, and physiology should be investigated. Comparative studies may be addressed during laboratory observations and dissections. Laboratory activities, research, the use of technology, and the effective communication of results through various methods are integral components of this course.

Prerequisite: Biology I or Biology I-Honors with a B

Credit: ½ Fee: \$10.00

AP General Biology

This course is designed to be taken by students after the successful completion of a first course in Biology I - Accelerated and Chemistry I - Accelerated. This course is to be the equivalent of a college freshmen biology course with college level texts. Topics covered are molecules and cells, genetics and evolution, and organisms and populations. A student may earn college credit by successfully completing the advanced placement examination. Students enrolled in this course are REQUIRED to take the College Board Advanced Placement Examination, which is given in May each year.

Prerequisites: Biology I - Honors and Chemistry I – Honors, Genetics-required, and Microbiology

Credit: 1 Fee: \$25.00 + \$87.00 AP Exam fee---reduced if you receive free or reduced lunch.

Chemistry I

Chemistry is the study of matter and the changes it undergoes. This is a lab-based course that investigates the properties and reactions of matter. Major areas of study include the metric system and scientific notations, symbols, formulas and molecular theory, chemical bonding, acid-base chemistry, chemistry equilibrium, and oxidation-reduction reactions. Lab work should allow the student to directly observe chemical reactions and behavior of matter. Inductive and deductive thinking skills will be emphasized.

Prerequisite: Algebra II, "C" average or better

Credit: 1 Fee: \$10.00 and a scientific calculator

Chemistry Honors

This course is designed for students who may plan for a scientific career and will be taking additional chemistry courses. This course is accelerated more than Chemistry I and requires students to have excellent math skills. Chemistry is the study of matter and the changes it undergoes in physical and chemical changes. Topics will include those listed in Chemistry I, but covered in more depth and at an accelerated pace.

Prerequisite: Algebra II – Honors, "C" average or better Credit: 1 Fee: \$10.00 and a scientific calculator

Physics I

This is a lab-based course that will investigate matter and energy. Topics emphasized will include Newtonian mechanics, waves, electricity, magnetism, and modern physics. Emphasis is placed on the understanding of concepts and mathematical solutions of problems involving these concepts. *Prerequisites: Trigonometry or enrolled in Trigonometry and Physics concurrently*

Credit: 1 Fee: \$10.00 and a scientific calculator

Environmental Science

Environmental Science is a laboratory-based or field based course that explores ways in which the environment shapes living communities. Interactions of organisms with their environment should be emphasized along with the impact of human activities on the physical and biological systems of the Earth. Laboratory activities, research, the use of technology, and the effective communication of results through various methods are integral components of this course.

Prerequisite: Biology I or Biology I-Honors Credit: ½ Fee: \$10.00

Marine & Aquatic Science

Marine & Aquatic Science is a laboratory-based or field based course that investigates the biodiversity of salt water and fresh water organisms including their interactions with the physical and chemical environment. The special characteristics of aquatic resources also should be examined. Laboratory activities, research, the use of technology, and the effective communication of results through various methods are integral components of this course.

Prerequisite: Biology I or Biology I-Honors Credit: ½ Fee: \$10.00

DE/DC Bio 1134- Biology

DE/DC requirements are set by the university. This program is available, regular school day schedules permitting, for students who have passed 14 core subjects. Minimum GPA and ACT scores apply.

Credit: 1 Fee: To be determined by the university

AP Physics 1: Algebra based

Develop a deep understanding of foundational principles of physics in classical mechanics and modern physics by applying these principles to complex physical situations that combine multiple aspects of physics rather than present concepts in isolation. Discuss, confer, and debate with classmates to explain a physical phenomenon investigated in class Design and conduct inquiry-based laboratory investigations to solve problems through first-hand observations, data collection, analysis and interpretation

Pre-requisites: Algebra 3, Honors Chemistry, and completion of Physics with an A in those classes or a 3.5 GPA, Calculus and Statistics would be recommended Credit: 1 Fee: \$25.00 + \$87.00 AP Exam fee---reduced if you receive free or reduced lunch.

AP Chemistry

Students work in groups to think analytically about problems, identify experimental questions, and design experiments to answer those Questions. They engage in hands-on laboratory investigation to learn chemical concepts through direct experience and observations

*Pre-requisites: Algebra 3, Honors Chemistry, and Honors Biology with an A in those classes or a 3.5 GPA
Credit: 1 Fee: \$25.00 + \$87.00 AP Exam fee---reduced if you receive free or reduced lunch.*

AP Environmental

Students learn about the natural world through hands-on, laboratory investigations and observations. They will use field work to study both human-made and natural environmental problems in your local ecosystem

Pre-requisites: Honors Biology, Honors Chemistry, and A in both classes or a 3.5 GPA

Credit: 1 Fee: \$25.00 + \$87.00 AP Exam fee---reduced if you receive free or reduced lunch.

Department of Foreign Languages

French I

This beginning course in French includes a study of pronunciation, drills on essentials of French grammar, oral practice, translations, classroom conversations and work with text based on audiotapes. A strong background in English is necessary.
Prerequisite: "C" or above average in English Credit: 1

French II

This course continues the study of the basic structures of both the oral and the written French language. It includes a continuing review of the important elements learned in French I, while introducing the use of additional verb tenses and pronoun groups. Emphasis is placed on vocabulary expansion, translation, pronunciation, and work with tapes of native speakers. *Prerequisite: French I with an "C" or above average Credit: 1*

French III

This course focuses on strengthening the skills gained in French I and II. Important components of the course include: vocabulary expansion, reading from French literature and culture, listening to tapes of native speakers, oral practice, and carefully guided written composition. A small number of new structures are introduced, and brief reviews of previously learned vocabulary and grammar are conducted as needed. Students may be required to buy paperback books as supplements to the regular classroom text.

Prerequisite: French II with an "C" or above average Credit: 1

French IV

This accelerated course is a continuation of the grammar learned in the first three years in French study. There is a stronger, more intense focus on literature and the culture of French speaking areas. Students are expected to speak French as much as possible and most of the writing is done in French. Students are expected to write a research paper in French as well as several compositions throughout the course. *Prerequisite: French III Credit: 1*

Spanish I

This beginning course in Spanish includes a study of pronunciation, drills on essentials of Spanish grammar, oral practice, translation, classroom conversations, and work in the language lab. A strong background in English is necessary.

Prerequisite: "C" or above average in English Credit: 1

Spanish II

This course continues the study of the basic structures of both the spoken and written Spanish language. Emphasis is placed on translation, advanced grammar and oral practice with text-based audio tapes. Time is also devoted to the study of cultures of Spanish-speaking countries.

Prerequisite: "C" Spanish I with an 80 or above average or teacher recommendation Credit: 1

Spanish III

This course focuses on strengthening the skills gained in Spanish I and II. Important components of this course include: vocabulary expansion, readings from Spanish literature and culture, and carefully-guided original composition. A small number of new structures are introduced, and brief reviews of previously-learned vocabulary and grammar are conducted as needed. Students may be required to buy paperback books as supplements to the regular classroom textbook.

Prerequisite: "C" Spanish II with an 80 or above average Credit: 1

Spanish IV

This accelerated course is a continuation of the grammar learned in the first three years of Spanish study. There is a stronger, more intense focus on literature and the culture of Spanish speaking areas. Students are expected to speak Spanish as much as possible and most of the writing is done in Spanish. Students are expected to write in Spanish a research paper and several compositions throughout the course.

Prerequisite: Spanish III with an "C" or above average Credit: 1

Department of Family and Consumer Sciences

Child Development

This course is an instructional program that prepares individuals to understand children's physical, mental, emotional, and social growth and development, as well as their care and guidance. The program draws on aspects of the social and biological sciences of which home economics is a component. Observation and actual experiences with children and their parents are integral parts of the program.

Credit: ½

Family Dynamics

This course utilizes skills in critical thinking, decision-making, communication, conflict management, and resource management, as they relate to personal development and responsible family and parenting decisions. The focus of this course is to provide knowledge and skills to grow as individuals and assume responsibility for the direction of life and to consider the demands and challenges involved in creating and maintaining a healthy family in today's society.

Credit: ½

Contemporary Health

This course develops skills related to 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, and safety and first aid. This course can be taken in lieu of or in addition to Comprehensive Health.

Credit: ½

Resource Management

This course will focus on how individuals make decisions, solve problems, and utilize resources to successfully achieve individual, family, consumer, and community goals

Credit: ½

Department of Health, Physical Education, & Driver's Education

Contemporary Health

Emphasis in this course is placed on disease prevention and control, consumer health, and environmental health. A study of drugs, alcohol, and tobacco is thoroughly made. The emotional, social and mental aspects of all topics are covered. Current health problems are discussed. This course is required of all students for graduation. This course can be taken in lieu of or in addition to Family/Individual Health.

Credit: ½

Prerequisite: None

Physical Education: Lifetime Sports (Boys & Girls)

This course offers knowledge of and participation in various sports, games, and recreational activities including basketball, volleyball, softball, badminton, table tennis, and other activities as time and facilities are available. **Note: Student can only receive 1 credit from this course while attending SHS.**

Credit: ½

Prerequisite: None

Driver's Education

The objective of this course is to enhance the effectiveness of the transportation system in fostering the safe, rapid, economical and comfortable transportation of passengers and goods from one place to another. Driver's Education achieves this objective by teaching new drivers how to meet the demands imposed upon them by the various components of the highway transportation system; that is, the vehicles they operate, the roadway they travel, the traffic they encounter, and the natural environment in which the system operates. There are two important goals of driver education classroom instruction, both basically performance oriented (1) the transmission of facts and concepts, and in courses with practical orientation, the transmission of procedural information as well; and (2) the preparation of the student driver for other learning experiences. The driver education classroom experience readies the student for lab instruction including behind-the-wheel training. Its ultimate purpose is to provide the beginning driver with a foundation of knowledge and skills that s/he may develop to the point where s/he can receive practical behind-the-wheel instruction. Classroom activity lasts for three weeks. When simulator and driving experience is over, the student has completed the course. Student must be 14 years old at the time of the class starting date. Students 14 years old are allowed to drive, after receiving his/her permit, only with a driver=s education instructor. After turning 15 years old, a student may renew his/her permit. Once a student has held his/her permit for six months, he/she is eligible for an intermediate driving license. Finally, a student may receive his/her full driving privilege once he/she has reached the age of 16. A fee is charged per student for instruction in this course during the regular school year.

The fee must be paid by the end of the first week of school.

Credit: ½

Prerequisite: None

Fee: \$50.00

Department of Special Education

Household Management and Living Skills

This course will allow students to function as independently as possible in planning meals and preparing food, purchasing And maintaining cloths, caring for his/her living quarters, appliances and furnishings, and operating simple appliances, objects, conveniences, and home accessories.

Personal/Social Skills

Skills for the secondary student that relate to knowing oneself and establishing and maintaining satisfactory interpersonal relationships, as well as problem solving, independent functioning, and other qualities necessary for living and working will be addressed.

Employment English I-IV

These courses will offer basic knowledge for the secondary student in the areas of reading, writing, speaking, and listening Will lead to successful transition to community and work environments. Skills taught address the areas of following directions, listening, communication, vocabulary development, comprehension, writing, and language usage.

Functional Math

This course offers basic knowledge for remediation or instruction of the secondary student in math strands for Patterns/Algebraic Thinking, Data Analysis/Prediction, Measurement, Geometric Concepts, and Number Sense that will develop skills toward independent math application.

Job/Life Skills Math I-IV

These courses offer skills for the secondary students that include basic information and knowledge in numeration, fractions, geometry, calculator skills, measurement, time and calendar skills, and money skills. Students will expand and build on math skills for school and community based work.

Career Preparation I-IV

This course offers basic knowledge for the secondary student in the areas of community, local government, historic events, personalities of Mississippi, and Mississippi Geography. Skills taught address the consumer role and the way personal development, interpersonal relationships, and cultural diversity relate to their becoming productive and participating citizens. Careers and job-related skills are explored.

Life Skills Science I-IV

These courses offer skills for the secondary student in the areas of basic and personal safety, nutrition, physical fitness, personal health, procedures and information related to emergency situations, environmental issues, Earth and Space Science, Physical Science, First Aid, hygiene, grooming and dress, and family and society. These foundation skills will provide Students with basic information to make responsible and personal decisions.

Reading I & II

These courses are offer basic knowledge for remediation and instruction on English language and grammar skills.

Department of Visual and Performing Arts

Art History

This course is an interdisciplinary class. It covers art, art history, literature, architecture, drama, and music. In addition to lectures and tests, a number of "hand-on" projects are included.

Prerequisite: None Credit: 1 Fee: \$5.00

Advanced Placement Art History

AP Art History is designed to provide the same benefits to secondary school students as those provided in an introductory course in Art history: an understanding and enjoyment of architecture, sculpture, painting, and other art forms within historical and cultural contexts. In the course, students examine major forms of artistic expression from the past and present and from a variety of cultures. They learn to look at works of art critically, with intelligence and sensitivity, and to articulate what they see or experience. This course will prepare students to take the AP exam in May to earn college credit. All students enrolled in this course are required to take the Advanced Placement exam, which is administered in May of each year. There is a summer reading list and students will be required to purchase the paperback books needed. Students enrolled in the course are REQUIRED to take the College Board Advanced Placement examination, which is administered in May each year and there is a fee between \$85.00 - \$90.00. Financial assistance is available for those who qualify.

Pre-requisite: OPEN ONLY TO JUNIORS AND SENIORS. None, however, students who have done well in other courses in the humanities are encouraged to enroll.

Music Appreciation

This course is an intensive study of the history of music, composers, and significant literature with special research topics. Also, this course will give the students an exploration of basic musical elements through listening, singing, movement, and playing rhythm, melodic, and ethnic instruments, utilizing a variety of multicultural and orchestral music.

Credit: 1 Prerequisite: None

Choral Music I-Choir

This school-year long course offers students the opportunity to study the basic elements of choral music such as music theory, sight-reading, and aural training. Quality choral literature of all eras and styles will be studies and performed. Extra rehearsals are necessary before concerts and contests. Auditions are open to all SHS students.

Prerequisite: Audition for instructor

Credit: 1 Prerequisite: Audition for instructor Fee: \$20.00

Choral Music II-Choral Ensemble

This is a select group of SHS singers chosen from the main choir. Ensemble students will study and perform quality choral literature of all eras and styles. In addition, these singers will perform music for small ensembles such as : madrigals, mixed ensemble, girl's sextet, and boy's quartet.

Prerequisite: Audition for the Instructor

Credit: 1 Prerequisite: Audition for instructor Fee: \$20.00

Art I

The basic elements and principles of design are introduced and explored in this course. Emphasis is placed on the development of drawing skills in several media. Paintings are done and printmaking is introduced. The opportunity is given to participate in several art competitions for scholarships.

Prerequisite: None Credit: 1 Fee: \$40.00

Art I Honors

This course explores basic elements and principles of design but at a more advanced level for beginners who are interested in a serious pursuit of the study of Art. Painting, Drawing, and Printmaking are some of the highlights of this course. The opportunity is given to participate in several art competitions for scholarships.

Prerequisite: Submission of a portfolio with at least five pieces of the student's original art work.

Credit: 1 Fee \$40.00

Art II

The art elements and principles are studied in depth. New avenues of painting and drawing are explored. Two-color block printing, the portrait, acrylic painting, and watercolor are studied. The opportunity is given to participate in several art competitions for scholarships.

Prerequisite: Art I with a "C" average or better

Credit: 1 Prerequisite: Art I with a "C" average or better Fee: \$40.00

Art III

This is a studio-type class in which students are encouraged to discover and develop a personal style. Design, drawing, painting, and art appreciation are studied in depth. The opportunity is given to participate in several art competitions for scholarships.

Credit: 1

Prerequisite: Art II with a "C" average or better

Fee: \$40.00

Art IV

This is a studio-type class in which students are encouraged to further develop their personal styles and to formulate a portfolio of works, which may be submitted for competition or scholarship. In-depth design projects, painting, drawing, printmaking, and art appreciation are studied.

Prerequisite: Art III with a "C" average or better

Credit: 1

Prerequisite: Art III with a "C" average or better

Fee: \$40.00

Ceramics I

This course focuses on knowledge and skills in three-dimensional design with clay and/or other plastic media. It builds on concepts and skills acquired in visual arts courses, students continue to increase their knowledge of production, critical analysis, history and culture, aesthetics, and connections among ceramic arts, other content areas and everyday life.

Prerequisite: Art I with A or B (limited to 15 students)

Fee: \$60.00

Photography I

This is a studio class in which students are encouraged to further develop their knowledge and understanding of photography from the viewpoint of the artist. Students are strongly encouraged to have a manual digital camera – (preferably Canon) this type camera is one that allows the user to change the ASA or ISO and change the aperture setting and shutter speed settings. In addition to the course fee, this camera will be an expense for the student. Cameras like this usually are priced beginning at approximately \$220.00 and higher. Computer-based photography applications are also introduced in this course.

Credit: ½

Prerequisite: Art I with a "C" average or better

Fee: \$60.00

Photography II

This course is a continuation of student learning of competencies and objectives from Photography I. Students will continue to use the cameras required for Photography I. Advanced computer-based photography applications will be covered in this course in addition to darkroom use and traditional forms of photographic development and presentation.

Credit: ½

Prerequisite: Photography I with a "B" or better

Fee: \$60.00

Introduction to Theatre Arts

This course traces the history of drama to restoration period as well as focuses on basic acting/theatre skills. Students must read plays and perform in classroom activities, as well as public performances. Students will have some out of school rehearsals and performance obligations. Also, the course places emphasis on reading, writing, and critical thinking.

Credit: 1

Theatre Arts II

This course is designed to provide the student an introduction to technical theatre production and theatrical design skills while continuing to develop skills from Intro to Theatre (history, Acting, Script Analysis). Students are given the opportunity to produce a one act play.

Credit: 1

Prerequisite: Introduction to Theatre Arts with a "C" average or better

Fee: \$20.00

Theatre Arts III

This course is an introduction to directing, advanced acting, and technical theatre production. Students will have out of class rehearsals and performance obligations. Students will read and analyze plays and musicals.

Prerequisite: Theatre II or Theatre Production or Dramatic Criticism and Performance with a "B" average or Permission from the Instructor. Credit: 1 Fee: \$20.00

Theatre Arts IV

This course concentrates on directing, technical theater, scene design, and acting. Students will offer technical and performing skills to the department's productions. Out of class rehearsals and assignments will be required. This course should be the last theater course taken by the student.

Credit: 1 Fee: \$20.00 *Prerequisite: Theatre III with a "B" average or permission from the teacher*

Band (Marching, Concert, Instrumental Ensemble)

The Instrumental Music program at Starkville High School is a yearlong multifaceted program offering students an opportunity to participate in various ensembles including: marching band, wind ensemble/ symphonic band, jazz band, and instrumental ensemble.

Marching Band

The marching band is the focal point during the fall of the year. During this term students participate in all home and some away football games as well as several marching contests and local parades. Since all students must participate in band during the second semester to receive credit for the course, each student is auditioned and placed according to their rank in either the wind ensemble or symphonic band during the second semester. The Principal and the Director of Bands only may approve exceptions. The second semester is generally dedicated to preparing for State Festival, Solo and Ensemble Festival, Lions Band, Honor Bands, the annual spring band trip, and graduation.

Prerequisite: Participation in the band program is by audition and open to all SHS students who completed the elementary and middle school band programs. Students who transfer to SHS are asked to audition before admission to the band.

Credit: 1

*Fee: \$25.00 uniform cleaning fee
fee*

Fee: \$25.00 marching band

AP Music Theory

A major component of any music curriculum is a course introducing the first-year student to musicianship, theory, musical materials, and procedures. Such a course may bear a variety of titles (Basic Musicianship, Elementary Theory, Harmony and Dictation, Structure of Music, etc.) Musicianship skills such as dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the theory course. The student's ability to read and write musical notation is fundamental to such a course. It is also required that the student will have acquired at least basic performance skills in voice or on an instrument. A student may earn college credit by successfully completing the advanced placement examination. Students enrolled in this course are REQUIRED to take the College Board Advanced Placement Examination, which is given in May each year.

Prerequisite: Must be a Junior or Senior currently enrolled in Choir and/or Band (or a student taking private piano classes)

There may be an entrance exam for course

Department of Military Science: SHS JROTC Program

Junior Reserve Officer Training Corps' (JROTC) mission is to motivate young people to be better citizens, which coincides with JROTC seven Army values i.e.; loyalty, duty, respect, selfless service, honor, integrity, and personal courage. Responsibility and discipline are essential to student's success. Recruiting for the various Armed forces is "not" JROTC's mission nor the instructor's intent or purpose. Students are encouraged to display all elements embodied within the JROTC mission statement while exerting such skills during their participation in extracurricular activities: Stinger Teams, Color Guard, Drill, Air rifle Marksmanship, Physical Fitness Team, and Honor Guard. These teams compete against other schools throughout the year. Physical Fitness requirements are in accordance with Cadet Command Regulation 145-2. If a student does not conform to standards covered in 145-2, the Senior Army Instructor will request that the student be removed from the program. Uniforms will be issued to each student (free of charge), and will be worn one day a week. The government cost of the uniform is approximately \$251.47. Students are required to properly maintain their uniforms and clean them, as needed. Student's uniforms must be turned-in at the end of each semester and failure to do so will result in the parent/guardian reimbursing the government for cost of items missing. Although, JROTC has "no" military obligations and or requirements, anyone who completes two years of JROTC may go into any military branch after graduation at a higher rank/pay grade.

JROTC Leader Education Training (LET I & II) 9th Grade

This course introduces cadets to the purpose of Army JROTC, American symbols, customs, traditions, and military history. Cadets will also be introduced to essential skills needed to maximize learning potential and future success. Over the course of the semester, cadets will assess their current skill set and work to maximize their learning potential and critical thinking skills. Cadets will have opportunities to apply learning theories and techniques to improve study, communication, and planning skills. Cadets will explore social responsibility, conflict resolution, and Service Learning opportunities. Cadets will be introduced to leadership and the importance of knowing and applying basic leadership skills (principles, styles, values, and how personality influences leadership application). Cadets will also be introduced to proper reading techniques, study habits, and test-taking strategies.

Prerequisite None I & II: Credits: 2; one per semester Fee: \$20.00

JROTC (LET III & IV) 10th Grade

This course helps cadets develop and appreciate the importance of physical fitness, social skills development, citizenship, leadership, good health, individual appearance, American history, and build a foundation for success. Cadets will learn basic information about nutrition and exercise. Cadets will be introduced to drug awareness including the various uses and effects of drugs, alcohol, and substance. Cadets will also learn about first aid for emergency and non-emergency situations. Over the course of the semester, cadets will explore the values and principles that underline good citizenship. Emphasis will be placed on topics such as the importance of the United States Constitution and Bill of Rights, responsibility of U.S. citizens, basic national values, U.S. federal justice system, and service to the community. In conjunction with citizenship, cadets will be introduced to a variety of significant events and historical figures that contributed to our citizenship and American history. Cadets will develop their knowledge on the components of the globe, map reading skills, and land navigation skills. Cadets will also develop their knowledge of the continents and discuss physical, political, economic, and cultural elements of each region and country.

Prerequisite for advancement to Level III & IV: Cadets must have a "C" average in JROTC as LET II, no more than three in-school suspensions. Cadets cannot have any out-of-school suspensions and no referrals as LET I for insubordination. An Out-of-school suspension may result in change from cadet status to student status. Cadets dropped to student status will not be allowed to return to the JROTC program. Cadets must maintain an overall 2.0 GPA, which requires approval by the, Senior Army Instructor.

Credits: 2; one per semester

Fee: \$20.00

JROTC (LET V & VI) 11TH Grade

This course will help cadets further understand and apply basic leadership skills (principles, styles, values, and the Be, Know, Do attributes). Cadets will have the opportunity to demonstrate their leadership potential through the application of their leadership skills in command and staff positions. Cadets will be introduced to the communication process among individuals and the communication principles of writing, speaking, and listening. Cadets will be able to describe the basic principles necessary for preparing and presenting effective oral communications and will have numerous opportunities to present information/ideas orally and in writing. Cadets will be introduced to basic guidelines for managing conflict and communication skills necessary for finding solutions to resolve conflicts. Cadets will continue to increase their knowledge on the components of the globe, map reading skills, and land navigation skills. Cadets will also continue to develop their knowledge of the continents, discussing physical, political, economic, and cultural elements of each region and country.

Prerequisite for advancement to Level VII & VIII: Cadets must have a "B" average in JROTC as a LET VI. Cadets cannot have any out-of-school suspensions and no referral for insubordination as a LET II. Cadets cannot have more than two- in-school suspensions. Out-of-school suspension may result in change from cadet status to student status. Cadets dropped to student status will not be allowed to return to the JROTC program. Cadets must have served in a leadership position or staff position. Army Instructor and Senior Army Instructor must recommend cadets for advancement to LET VI and have an overall 2.0 GPA. Requires approval by the, Senior Army Instructor.

Credits: 2; one per semester

Fee: \$20.00

JROTC (LET VII & VIII) 12th Grade

This course continues to build cadets' leadership development by concentrating on basic individual leadership responsibilities/techniques and by introducing the responsibilities of team leaders. Cadets will have the opportunity to identify the impact of their actions on themselves as well as on other team members in the areas of individual responsibility, self-reliance, fellowship, and teamwork. Cadets will be introduced to the basic principles of organizational and financial management, principles to manage resources, and the differences between leadership and management techniques. Cadets will deliver instructions using researched based principles and methods of instructions. Cadets will also develop lesson plans, graphic organizers, and power point presentations rehearsed prior to delivering instruction.

Prerequisite for advancement to Level VII & VIII: Cadets must have a "B" average in JROTC as a LET VI. Cadets cannot have any out-of-school suspensions and no referrals for insubordination as a LET VI, and no more than two in-school-suspensions. Cadets must participate in JROTC extracurricular activities as a team member or captain and or served on the battalion staff or in a leadership position. Cadets must maintain an overall 3 .0 GPA, which requires approval by the, Senior Army Instructor.

Credits: 2; one per semester

Fee: \$20.00

Other Courses

Senior Privileges

This is given to seniors who are in good standing and progressing successfully to graduate in May. The student must have at least 22 credits at the beginning of their senior year and have already passed the 4 state tests. This privilege is only during the last period of the day. The student should not be on campus during his or her senior privilege time. Seniors should keep in mind that this is a privilege and can be taken away.

Prerequisite: Must be a senior

Credit: 0

Early Work Release Program

This program is for seniors only who require four credits or less to graduate from Starkville High School.

Students in this program may leave school after the second or third class period and report to a place of employment.

Students must present a written request from their employer and written parental permission to the principal at least two weeks prior to the beginning of the term to obtain permission for early work release. If the student becomes at-risk academically, this privilege will be revoked.

Credit: 0

Teacher Assistants

This is given to seniors who are in good standing and progressing successfully to graduate in May. The student must have 22 credits at the beginning of their senior year. The student is responsible for securing the teacher assistant position with a teacher of his/her choice the first week of school. The student will not be allowed to TA for a teacher during their planning block. **Students will only be allowed to have ONE assistantship per day.** A teacher and/or principal must approve the assistantship. Seniors should keep in mind that this is a privilege.

Prerequisite: Must be a senior

Credit 0

Early Graduation

Students who wish to graduate in December of their senior year rather than the following May must seek permission to do so. Requests to graduate in December are due in to the counselor by April 1 of the student's junior year. The request should be a letter from the parent or guardian of the student requesting that the student graduate in December and a short essay to the student's counselor stating the reasons/need for early graduation. If the student has not yet passed any of the required Mississippi Subject Area Tests, passing scores must be obtained by the end of the student's junior year. If the student does not obtain passing Subject Area Test Scores by the end of the junior year, permission for early graduation will be revoked.

Millsaps Career & Technology Center

The mission of Millsaps Career & Technology Center is to prepare students for high-skill, high-wage careers and/or further educational opportunities. With the exception of project Lead the Way and CTE, all courses are offered for 2 Carnegie Units per school year. It is anticipated that most students will complete the full 2 year- 4 credit programs. Enrollment in career/technology courses in no way affects a student's eligibility for attending college/university. Applicants to the programs will be screened. Millsap's students are given the opportunity to participate in career & technical student organizations.

Agriculture and Natural Resources I

Agriculture and Natural Resources is a program to introduce the student to the broad field of agriculture and natural resources, including the production of plants and animals and the management of natural resources. The program includes instruction in the applied sciences related to plant and animal production and natural conservation and management and welding. Students in the program will participate in active learning exercises including integral activities of the FFA organization and supervised experiences. *Prerequisites: Must be a sophomore or junior with credits in English I, Pre-Algebra & Biology*

Credits: 2 electives

Fee: \$15.00

Agriculture and Natural Resources II

Ag and Natural Resources (ANR) II builds on the foundation concepts of ANR I. In depth environmental studies relating aquatics, forestry, and wildlife are integrated with sample construction, welding and mechanical applications. Students will continue with competition opportunities in the FFA organization.

Credits: 2

Prerequisite: ANR I

Fee: \$15.00

Health Science I

This course introduces the student to the health career field, the anatomy and physiology of the human body, diseases that occur in human and clinical skills in the laboratory. Upon completion of this course, the student should be competent as a general basic health assistant. Membership in HOSA (Health Occupations Students of America) is encouraged.

Prerequisites: Must be a sophomore or junior; C or above in math and science Fee: \$15.00 + \$6.00 CPR fee

Credits: 2 electives (1/2 can be in health) Prerequisites: Must be a sophomore or junior; C or above in math and science

Health Science II

The primary emphasis of this course is to expose students to advanced skills in the various health occupations. Students will apply these skills during clinical experience rotations in selected health care facilities. The 1st Hepatitis B shot is recommended before the first class meeting. The TB skin test will be given at Oktibbeha County Hospital after school starts.

Credits: 2 Prerequisite: Health Science I

Fee: \$15.00 Scrubs will cost around \$25.00

Sports Medicine: Theory and Application I

The Sports Medicine: Theory and Application I course provides a foundation for careers in sports medicine fields. An emphasis is placed on students learning about healthcare administration, the athletic and sports medicine team, and medical emergencies as well as first aid, and CPR. The students will be introduced to sports equipment, protective gear, and bandaging, wrapping and taping techniques. Additional topics include therapeutic modalities, exercise in rehabilitation, and pharmacology in sports.

Credits: 2 Prerequisite: Health Science I with a "C" or higher in their last English and Math Course Fee: TBA

Sports Medicine: Theory and Application II

The Sports Medicine: Theory and Application II course helps the student investigate medical aspects of sports medicine as a career choice. It covers injuries that may occur from different types of sports including injuries to the head, spine, chest, abdomen, upper extremities, and lower extremities. This course also examines the skills necessary in emergency medical response.

Credits: 2 Prerequisite: Sports Medicine I or Health Science I with a "C" or higher in Human A&P Fee: TBA

Law and Public Safety I

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. *Credits: 2 (1/2 credit can be used for PE requirement)*

Prerequisites: Students are admitted to the course based on instructor approval *Fee: TBA*

Law and Public Safety II

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.

Credits: 2 Prerequisites: Law and Public Safety I Fee: TBA

Building Construction Technology I

This course is a comprehensive program of instruction and hands on experiences designed to help students develop knowledge, skills and experiences needed to secure entry-level employment in carpentry, brick masonry, plumbing and electrical wiring. Students will be prepared for employment in related trade areas of the building industry. Skills taught consist of layout, fabrication, assembly, installation and repair of structural units, detailed instruction on the use and care of hand power tools and machinery. *Fee: \$20.00*

Credits: 2 electives Prerequisites: Must be a sophomore or junior with credits in English I and math

Building Construction Technology II

This course is a continuation of Building Construction Technology I on an advanced level. This course offers specialized instruction for students desiring to pursue careers in cabinet making, carpentry, brick masonry, plumbing and residential wiring. This course also features practical on-the-job training in residential construction. Course work is closely allied with job skills sought by contractors and industry. Classroom instruction laboratory skills and projects are geared closely to the labor market demands. This course is intended to equip students with marketable skills.

Credits: 2 electives Prerequisites: Building Construction Technology I Fee: \$20.00

Teacher Academy I

This course provides an opportunity for highly qualified students to begin successful career paths toward teaching and careers in education by participating in classroom and hands-on experiences. The course is designed to train students to become tomorrow's educators as a solution to the current teacher shortage. Units of study include: Human Growth & Development, Learning Environment, Communication Skills, Planning Instruction, Teaching Strategies, Student Assessment, History & Trends in Education, & Professionalism in the field.

Prerequisites: Must be a sophomore or junior, Recommended GPA of 2.5, Discipline Review Application & Interview process C or higher in previous English and math.

Credits: 2 electives Fee: \$20.00 required \$13.00 FEA (Future Educators Association) membership optional

Teacher Academy II

This course provides students with the opportunity to gain advanced skills needed for education pathways and careers in teaching. Units covered include Technology in the Classroom, Subject Area Knowledge, Appreciating Diverse Learners, Planning Instruction & Assessing Teaching & Learning. Students will participate in advanced hands-on field experiences in local schools.

Prerequisite: Teacher Academy I, Recommended GPA of 2.5, Discipline Review Application & Interview process

Credits: 2 electives Fee: \$20.00 required \$13.00 FEA (Future Educators Association) membership optional

Horticulture I

This course introduces students to horticulture careers, plant structure, growth, classification and reproduction. Students will also be introduced to greenhouse structures, chemical pest control, floristry, interior plants and vegetable production. Membership in FFA (Future Farmers of America) is encouraged.

Prerequisites: Must be a sophomore or junior with credits in English I, Foundations of Algebra and biology or Intro to Bio

Credits: 2 (1 laboratory science & 1 elective) Fee: \$15.00

Horticulture II

In this course students will cover plant identification, advanced plant propagation, marketing, container and field crop production, landscape design, installation and maintenance, turf grass management and fruit production. Advanced floral design will also be covered in this course. Membership in FFA is encouraged.

Credits: 2 (1 laboratory science & 1 elective) Prerequisites: Horticulture I

Fee: \$15.00

Marketing and Economics I – The Business Core

This course is the entry level course of the secondary marketing program. First year Marketing will now be called Marketing and Economics I – The Business Core. Students will learn basic business topics such as the following: communications and interpersonal skills, professional development, economics and financial analysis, business, management, and entrepreneurship, business law, and personal finance. Economics is a graduation requirement for all entering freshmen. Successful completion of this course earns that economics credit as well as an elective credit.

Prerequisites: Must be a sophomore or junior with credits of "C" or better in English I and a passing grade in Foundations of Algebra

Credits: 2 (½ economics, ½ personal finance & 1 elective) Fee: \$15.00 Student Organization (club) DECA

Marketing and Economics II

This course is an advanced level course of the secondary marketing program. Students in this course will gain advanced competencies related to the following: marketing planning, marketing math concepts, product/service management, financing, selling, pricing, promotion, international marketing, and fashion and entertainment marketing.

Prerequisite: Marketing and Economics I – The Business Core

Credits: 2 electives Fee: \$15.00 Student Organization (club) DECA

A Project Lead the Way

IED - Introduction to Engineering Design (IED) –A Project Lead the Way Course

Introduction to Engineering Design (IED) is a high school level course that is required for 9th grade students. The major focus of the course is to expose students to a design process, professional communication and collaboration methods, design ethics, and technical documentation. IED gives students the opportunity to develop skills in research and analysis, teamwork, technical writing, engineering graphics, and problem solving through activity, project, and problem-base (APPB) learning while applying math, science, and technology.

Principles of Engineering (POE) –A Project Lead the Way Course

Principles of Engineering (POE) is the second of two foundation courses in the Project Lead the Way high school engineering program. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology. POE is a high school-level survey course of engineering. The course exposes students to some of the major concepts that they will encounter in a post-secondary engineering course of study. Students have an opportunity to investigate engineering and high tech careers. POE gives students the opportunity to develop skills and understanding of concepts through activity-, project-, and problem-based (APPB) learning.

Prerequisites: Successful completion of Introduction to Engineering Design, C Average in Math and Science

Computer Integrated Manufacturing (CIM) –A Project Lead The Way Course

Computer Integrated Manufacturing (CIM) is the third of four foundation courses in the Project Lead the Way high school engineering program. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology. CIM is a high school-level survey course of engineering. The course exposes students high tech, innovative nature of modern manufacturing. At the same time, it teaches students about manufacturing processes, product design, robotics, and automation. Students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge System.

Prerequisites: Successful completion of Introduction to Engineering or Principles of Engineering, B Average in Math and Science

Engineering Design and Development (EDD) –A Project Lead The Way Course

Engineering Design and Development (EDD) is the fourth year capstone course in the Project Lead the Way high school engineering program. The knowledge and skills students acquire throughout PLTW Engineering come together in EDD as they identify and issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing EDD ready to take on any post-secondary program.

Prerequisites: Successful completion of Introduction to Engineering, Principles of Engineering or Computer Integrated Manufacturing, B Average in Math and Science Fee: \$50.00

STARKVILLE HIGH SCHOOL ALMA MATER

**Dear Starkville High School,
We will cherish you from day to day;
Our love and friendship linger
Though time may part our way.
We pledge our loyalty forever
Fondest memories, too;
We hail to thee, our Alma Mater,
Hail to thee.**

SHS TELEPHONE NUMBERS

Principal and/or Main Office.....	324 - 4130
SHS FAX.....	324 - 4128
Attendance Office.....	320 - 6452
Counselors' Offices.....	324 - 4130
Assistant Principals' Offices.....	324 - 4130
JROTC.....	320 - 6467
Athletics	
Boys' Basketball.....	320 - 6467
Girls' Basketball.....	320 - 6466
Baseball.....	324 - 4149
Band Hall.....	320 - 6463
Cafeteria.....	324 - 4143
Millsaps Career & Technology Center.....	324 - 4170
East School.....	323 - 1441
Starkville School District Central Office.....	324 - 4050
Starkville School District Department of Transportation.....	324 - 4190

