



Greyhound Guide

2017-2018

Ocean Springs High School

6701 Old Spanish Trail - Ocean Springs, Mississippi 39564-4012

www.ossdms.org

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Each student has available to him/her the services of a qualified school counselor. The school counselor has in her/his possession information regarding her/his assigned students. This available information enables the school counselor to better assist the student regarding aspects of the educational program. We hope that both students and their parents will make use of this service. Telephone calls concerning this course selection guide should be directed to the counseling office at the school (228-875-0045).

No person enrolled in Ocean Springs High School will be excluded from participation in, or denied the benefits of, or be subject to discrimination in any course or school activity.
All classes are open to both males and females.

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OCEAN SPRINGS HIGH SCHOOL
Greyhound Guide
Course Description Bulletin

Ocean Springs School District graduation requirements are designed to give students a well-balanced program which will help develop the skills and understanding necessary to become a well-educated person. To fill out a course of study, a range of electives is available. These, if wisely selected, will help students explore and develop their own interests and abilities. We hope that this guide will help students and parents plan a four year school program while at Ocean Springs. At the critical decision points in one's high school career, we hope every student will periodically review his/her educational and career goals and thoughtfully develop a program of study that will help each achieve these goals.

Students, although your parents and school counselor wish to help, the primary responsibility for planning a high school curriculum rests with YOU. Please take responsibility for this important task.

You should consider the following:

- All students grade 9-11 must carry **four (4) academic credits per term**. Any deviation from this requirement must have a counselor's approval.
- You must know your **graduation requirements**. All planning should work toward meeting those requirements.
- You must know **college entrance and/or career and technical requirements**. Your planning should be directed toward meeting these requirements.
- You should **plan ahead**—not just for next year but for your entire high school career by completing a four-year plan.
- Before selecting a course, **check the description to be sure you have completed the prerequisites necessary**, and it meets your needs, interests, and abilities.

BLOCK SCHEDULING AT OCEAN SPRINGS HIGH SCHOOL

Students at Ocean Springs High School are scheduled on a 4 x 4 modular block schedule. Students are able to enroll in 4 academic courses each term, earning up to eight (8) credits during each school year. This schedule has been determined to best meet student needs and instructional goals of Ocean Springs High School. The following glossary of terms will be useful when choosing courses for the block schedule.

Block* – a 90+ minute period of time during which classes meet for 1 term or 1 quarter.

Quarter – the school year is divided into 4 quarters. A quarter is equivalent to a semester on a non-block schedule. A block course which lasts 1 quarter (9 weeks) earns ½ of an academic credit. Quarters 1 and 2 are in the fall term; quarters 3 and 4 are in the spring term.

Semester or Term – a designation of time equal to one half of the school year. The school year consists of a fall term (18 weeks) and a spring term (18 weeks). During each term, there are term-length (1.0 credit) courses and 2 quarter-length (0.5) courses.

* For scheduling and testing purposes, some courses are scheduled on a year-long modified block.

GRADUATION REQUIREMENTS FOR OCEAN SPRINGS HIGH SCHOOL

High school will be considered as a four-year course of study. Therefore, graduation requirements will be based upon 28 units of credit earned in grades 9, 10, 11, and 12 (and in some cases, courses taken at the 8th grade level). The courses required for graduation are listed on page 4 of this guide. Graduation requirements vary depending on the year students enter 9th grade. Carefully check graduation requirements. In addition to earning the required credits, the Mississippi State Board of Education has **testing requirements** for all students.

CURRICULUM AREA	CARNEGIE UNITS	REQUIRED SUBJECTS
<i>English</i>	4	English I, II, III, IV
<i>Mathematics</i>	4	Algebra I and 2 credits higher than Algebra I
<i>Science</i>	4**	Biology I A Physical Science[^]
<i>Social Studies</i>	4	1 World History 1 U.S. History ¹/₂ Geography ¹/₂ U.S. Government ¹/₂ Economics[%] ¹/₂ Mississippi Studies^{***}
<i>Health</i>	¹/₂#	
<i>Physical Education</i>	¹/₂@	
<i>Business & Technology</i>	1	ICTII, STEM, or another approved course
<i>The Arts</i>	1	
<i>Electives</i>	9¹ or 13²	
TOTAL UNITS REQUIRED	28¹ or 32²	

** Students completing Health Sciences II, Aquaculture II, or Robotics and Engineering II may be awarded 2 science credits. These units may or may not count towards university entrance requirements.

*** An out-of-state transfer student may qualify for a substitution. See Counselor.

[^] Physical Science, Chemistry, or Physics.

Health Sciences I or successful completion of JROTC I and II also meets this requirement.

% Marketing I also meets this requirement.

@ Marching Band or JROTC may meet this requirement.

1 Required for Standard Diploma. (subject to change for entering 9th graders in 2016-2017)

2 Required for Advanced Diploma. (subject to change for entering 9th graders in 2016-2017)



OSHS Graduation Requirements

English 4 Units

_____ English I
 _____ English II+
 _____ English III
 _____ English IV

Math 4 Units

_____ Algebra I+
 _____ Geometry
 _____ Algebra II
 _____ Math _____

Science 4 Units

_____ Biology+
 _____ Physical Science (Physical Science, Chemistry, Physics)
 _____ Science _____
 _____ Science _____

Social Studies 4 Units

_____ MS Studies
 _____ Geography
 _____ World History
 _____ US History+
 _____ US Government
 _____ Economics

Computer Education 1 Unit

_____ ICT II, STEM, or approved business course

Health ½ Unit

_____ Family & Individual Health or Contemporary Health

Physical Education ½ Unit

_____ PE Course: _____

Fine Arts 1 Unit

_____ Art, Band, Choir, Theatre, Intro to Guitar/Piano, General Music

Additional Electives 9 Units (13 for Advanced Diploma)**

_____ (.5, 1)	_____ (.5, 1)
_____ (.5, 1)	_____ (.5, 1)
_____ (.5, 1)	_____ (.5, 1)
_____ (.5, 1)	_____ (.5, 1)
_____ (.5, 1)	_____ (.5, 1)

*College entrance requirements vary. Most universities require advanced electives (foreign language, 4th year of lab-based science or math). Please check on entrance requirements.

**28 credits=Diploma; 32 credits=Advanced Diploma (Subject to change based on state guidelines)

+Subject area tests are taken at the end of these courses. Students must pass these tests in order to graduate.

COURSE LEVEL DEFINITIONS

Regular - Courses with normal requirements that require an average amount of work and have a moderate level of difficulty. These have a 4.0 quality point scale applied. All regular course work meets college prep requirements.

Honors - These accelerated courses merit the use of the 5.0 quality point scale. Honors courses prepare students for upper level rigorous courses.

IB - International Baccalaureate courses provide students with the opportunity to do college level work that is measured against an international standard thus justifying the 6.0 scale. A student's IB score is based on a compilation of scores earned through a variety of assessments. Every student enrolled in an IB class must participate in all assessments. There is an IB registration fee during the junior year and a per test examination fee associated with these courses. IB exams are taken during the month of May. Participating colleges may grant credit based on a student's IB diploma or their overall IB score in the course. Mississippi public colleges and universities grant a minimum of 24 credit hours to any student who completes the IB diploma. Additional credit hours are granted based on the course and the score. Students enrolling in IB courses must have prior approval from the Instructor and IB Coordinator before being accepted into any of the IB courses. Students who are not in the IB program but wish to take IB Spanish may do so with the permission of the teacher and the IB Coordinator.

Advanced Placement - College level courses that prepare students to take the Advanced Placement Exam in those subjects, and justify the 6.0 scale. The Advanced Placement (AP) Program, sponsored by the College Board, enables colleges and secondary schools to work together to provide students with the opportunity to complete college-level studies during secondary school. The AP Program makes descriptions of, and examinations in, introductory college-level courses available to interested schools. It presents the results of those examinations to the colleges of the student's choice. Participating colleges may grant credit, advanced placement, or both to students who have performed at a qualifying level on AP Examinations. The AP Examinations are administered in the spring for those students who choose to take the exams. More information is available by visiting the College Board website: www.collegeboard.com.

Dual Credit – A dual credit student is a student who is enrolled in a community or junior college or state institution of higher learning while enrolled in high school and who is receiving high school and college credit for post-secondary coursework. These college courses will meet either a required or elective credit as defined in the course descriptions. Dual credit courses merit the use of a 5.0 quality point scale. Letter grades are assigned by the post-secondary institution; therefore, the scale listed on page 7 is used. In the 2014-2015 school year, Ocean Springs High School began a partnership with Mississippi Gulf Coast Community College to begin offering dual credit courses both on the Ocean Springs High School campus as well as the Mississippi Gulf Coast Community College Campus. Students wishing to enroll in courses on the MGCCC campus should check with their counselor first to ensure that the course counts for dual credit. Additionally, students should also check with their future college to ensure that the course will transfer and count towards their degree. Dual credit will not impact your status as an entering freshman for our public in-state schools; however, students attending private and out of state schools should check with the admissions office at the school of their choice to ensure that credits earned through dual credit will not impact their status as an entering freshman. Please note that all policies, procedures, and fees (including course prerequisites, grading, and attendance) are set by MGCCC and are subject to change by the college. The projected fees are \$100 per course and will be collected by OSHS.

General Requirements:

- Junior or Senior
- 14 core high school credits
- 3.0 high school gpa (unweighted)
- Specific ACT scores apply to English and Mathematics courses (see the departments section in the back of this guide for specific scores needed). Students should bring their ACT score report to the counselors' office.

QUALITY POINT SCALE

Course Level

Advanced Placement / International Baccalaureate

A+ (100-98) 6.33	B+ (89-87) 5.33	C+ (79-77) 4.33	D+ (69-67) 3.33
A (97-94) 6.00	B (86-83) 5.00	C (76-73) 4.00	D (66-63) 3.00
A- (93-90) 5.67	B- (82-80) 4.67	C- (72-70) 3.67	D- (62-60) 2.67

Dual Credit

A (95) 5.00	B (85) 4.00	C (75) 3.00	D (65) 2.00
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Honors

A+ (100-98) 5.33	B+ (89-87) 4.33	C+ (79-77) 3.33	D+ (69-67) 2.33
A (97-94) 5.00	B (86-83) 4.00	C (76-73) 3.00	D (66-63) 2.00
A- (93-90) 4.67	B- (82-80) 3.67	C- (72-70) 2.67	D- (62-60) 1.67

Regular

A+ (100-98) 4.33	B+ (89-87) 3.33	C+ (79-77) 2.33	D+ (69-67) 1.33
A (97-94) 4.00	B (86-83) 3.00	C (76-73) 2.00	D (66-63) 1.00
A- (93-90) 3.67	B- (82-80) 2.67	C- (72-70) 1.67	D- (62-60) .67

Honors Program

The Honors Program at Ocean Springs High School introduces students to a high level of academics. The Program allows students to choose courses of rigor based upon their abilities and interests or entrench themselves into an across the board curricula of rigor. The Program offers a variety of Honors and AP courses.

Suggested 9th and 10th Grade Honors/AP Courses for Students Planning to Pursue AP and/or IB Courses

9th grade

Algebra I (if not taken in 8th grade)
 Honors Geometry (recommended)
 Honors Algebra II (recommended)
 Honors French or Spanish I (if not taken in 8th grade)
 Honors French or Spanish II (recommended)
 Honors Biology
 Honors English I
 Honors Mississippi Studies (if MS Studies was not taken in 8th grade)
 AP Human Geography (recommended)*

10th grade

Honors Algebra II (if not taken in 9th)
 Advanced Math Plus
 Algebra III (recommended)
 Honors French or Spanish III
 Chemistry
 Honors English II
 **AP European History

* Intro to World Geography is recommended before taking AP Human Geography.

**Beginning with the freshman class of 2015-2016, students will be required to take AP European History in order to be eligible for the IB program.

In addition to the prerequisites above, certain State requirements are suggested to be taken during the 9th and 10th grade year in order to make scheduling easier in 11th and 12th grade, such as Health, PE, and Art.

IB PROGRAM

Ocean Springs High School is an approved participating International Baccalaureate Diploma Program school. The IB Diploma Program is a rigorous and academically challenging program for juniors and seniors that places emphasis on educating the “whole person”. The program aims to develop inquiring, knowledgeable, and caring young people who help to create a better and more peaceful world through intercultural understanding and respect. In addition to fostering academic achievement, the IB Diploma Program encourages students across the world to become active, compassionate, and lifelong learners. As part of this program students are expected to do 150 hours of creativity, action and service and to write a research paper. The success of IB Diploma graduates from OSHS speaks volumes for this program. Not only have previous graduates earned millions of dollars in scholarships, but more importantly, they have been well prepared for the transition into college life. Our past graduates affirm that their academic success and achievement are a complete reflection of their participation in the IB Diploma Program. Selection for the IB Program is based on GPA, course history, and teacher recommendations.

IB Program Required Courses*

Junior Year	Senior Year
IB English III	IB English IV
IB Math Studies or IB Math SL	IB Biology II
IB Spanish IV & V OR IB Spanish Ab Initio I	IB History of the Americas II and TOK
IB Biology I	IB Elective
IB History of the Americas I	IB Spanish Ab Initio II or IB Spanish Ab Initio I and II

*Students must also meet all additional graduation requirements, including physical education and health.

University Admission Standards

You can be admitted to a Mississippi university by meeting any of the following criteria:

- All students completing the College Preparatory Curriculum (CPC) with a minimum of a 3.20 high school grade point average (GPA) on the CPC; or
- All students completing the College Preparatory Curriculum (CPC) with (a) a minimum of a 2.50 high school GPA on the CPC or a class rank in the top 50%, and (b) a score of 16 or higher on the ACT (Composite); or
- All students completing the College Preparatory Curriculum (CPC) with (a) a minimum of a 2.00 high school GPA on the CPC and (b) a score of 18 or higher on the ACT (Composite); or
- In lieu of ACT scores, students may submit equivalent SAT scores. Students scoring below 16 on the ACT (Composite) or the equivalent SAT are encouraged to participate in the Year-Long Academic Support Program during their freshman year.

For more information on academic programs, admissions standards, and financial aid, please visit riseupms.com.

Out of state or private universities should be contacted for admission requirements.

AP CAPSTONE PROGRAM

Ocean Springs High School has recently been approved to implement the college-level program of AP Capstone in the 2017-2018 school year. AP Capstone provides students with an opportunity to engage in challenging scholarly practice of the core academic skills necessary for successful college completion. Students will take two new courses at Ocean Springs High School- AP Seminar and AP Research. Students who earn scores of 3 or higher in AP Seminar and AP Research and 4 additional AP Exams of their choosing will receive the AP Capstone Diploma. Students benefit from AP Capstone by fostering research, argumentation, and communication skills that are at the core of college readiness and essential for lifelong learning. Students are able to distinguish themselves to colleges and universities by choosing to challenge themselves academically, and by showing their passion and interest in specific research topics. Students will take AP Seminar their junior year and AP Research their senior year. If a student does not make a 3 or higher on the AP Seminar test, it is recommended the student not proceed to AP Research.

The student must select 4 of AP courses available at Ocean Springs High School throughout their high school career and earn a qualifying score (3 or higher) on the corresponding test. Current AP courses available at Ocean Springs High School are:

AP English Language and Composition	AP English Literature and Composition
AP Statistics	AP Calculus AB
AP Calculus BC	AP Chemistry
AP Biology	AP Physics 1
AP Environmental Science	AP Physics 2
AP European History	AP US History
AP Government and Politics	AP Macroeconomics
AP Microeconomics	AP Human Geography
AP Computer Science A	

A GUIDE TO PUBLIC MISSISSIPPI UNIVERSITIES ADMISSIONS

College Preparatory Curriculum (CPC)

The high school course requirements set forth below are applicable to students graduating from high school and entering a public institution of higher learning.

The minimum **REQUIRED** CPC for full admission into a Mississippi public university is as follows:

English: 4 Carnegie units

- All must require substantial communication skills (i.e., reading, writing, listening, and speaking). Compensatory Reading and Writing may not be included.

Mathematics: 3 Carnegie units

- Algebra I or its equivalent
- Math higher than Algebra I (2 units)

Science: 3 Carnegie units

- Biology I or its equivalent
- Science higher than Biology I (2 units)

Social Studies: 3 Carnegie units

- U.S. History
- World History
- U.S. Government (½ unit)
- Economics (½ unit) or Introduction to World Geography (½ unit)

Arts: 1 Carnegie unit

- Includes any one Carnegie unit (or two ½ units) of visual and performing arts course(s) meeting the requirements for high school graduation.

Advanced Electives: 2 Carnegie units

- Option 1: Foreign Language I and Foreign Language II
- Option 2: Foreign Language I and Advanced World Geography
- Option 3: Any combination of English, Mathematics higher than Algebra I, Science higher than Biology I, Advanced Elective category, any AP course, any IB course

Technology: ½ Carnegie unit

- A course that emphasizes the use of technology as a productivity tool. Instruction should include utilizing various forms of technology to create, collaborate, organize, and publish information. The application of technology as a productivity tool, rather than specific hardware and/or software packages should be the focus of the course.

Total Carnegie units: 16½

Notes:

Pre-High School units: Courses taken prior to high school will be accepted for admission provided the course earns Carnegie credit and the content is the same as the high school course.

Substitutions: Advanced Placement (AP) and International Baccalaureate (IB) courses can be substituted for each requirement in the College Preparatory Curriculum.

Course Acceptance: A course may not be used to satisfy more than one requirement.

The Required and Recommended College Preparatory Curricula (CPC) are approved by the IHL Board of Trustees, and the IHL Office of Academic and Student Affairs maintains a complete list of courses that can be used to satisfy the CPC requirements. See www.mississippi.edu/admissions/.

The minimum **RECOMMENDED** CPC for full admission into a Mississippi public university is as follows:

English: 4 Carnegie units

- All must require substantial communication skills (i.e., reading, writing, listening, and speaking). Compensatory Reading and Writing may not be included.

Mathematics: 4 Carnegie units

- Algebra I or its equivalent
- Math higher than Algebra I (3 units)

Science: 4 Carnegie units

- Biology I or its equivalent
- Science higher than Biology I (3 units)

Social Studies: 4 Carnegie units

- U.S. History
- World History
- U.S. Government (½ unit)
- Economics (½ unit)
- Introduction to World Geography (½ unit)
- Mississippi Studies (or state/local government course in any other state)

Arts: 1 Carnegie unit

- Includes any one Carnegie unit (or two ½ units) of visual and performing arts course(s) meeting the requirements for high school graduation.

Advanced Electives: 2 Carnegie units

- Option 1: Foreign Language I and Foreign Language II
- Option 2: Foreign Language I and Advanced World Geography
- Option 3: Any combination of English, Mathematics higher than Algebra I, Science higher than Biology I, Advanced Elective category, any AP course, any IB course

Technology: ½ Carnegie unit

- A course that emphasizes the use of technology as a productivity tool. Instruction should include utilizing various forms of technology to create, collaborate, organize, and publish information. The application of technology as a productivity tool, rather than specific hardware and/or software packages should be the focus of the course.

Total Carnegie units: 19½

GRADE POINT AVERAGE and RANK-IN-CLASS

Grade point averages will be computed at the end of each term based on a non-weighted and a weighted scale. When determining rank-in-class, weighted quality points will be assigned to courses. Rank-in-class will be computed on a weighted scale of grade point averages. After all course work is completed at the end of the senior year, a final ranking will determine honors designations.

COURSE FEES

Fees ranging from \$5 to \$35 are collected in some classes. The monies generated will be used for instruction. These courses have fees posted in their course descriptions. These may change pending School Board approval.

ONLINE COURSES

The Mississippi Department of Education offers a *limited* web-based educational service to provide Mississippi students with access to additional course work. Students must meet with their counselor to receive approval before registering for online courses. This is generally intended to assist students who may be lacking graduation requirements. For more information, visit <http://www.mde.k12.ms.us/PN/VPS>.

EARLY RELEASE

With the realization that many seniors will graduate with numerous credits exceeding the state and the local district's required number, an early release program is in place for seniors. Parental consent is required and the obligation rests with the student to complete the entire process before the student will be considered for this privilege. Final approval will be determined by the principal. Qualifications are set forth as follows:

- ✎ Pass all statewide testing requirements
 - ✎ Earn 24 credits by end of junior year
 - ✎ Not repeating any course required for graduation
 - ✎ Must meet with counselor to verify credit requirements
 - ✎ Complete early release agreement
- ***Subject to change based on date guidelines.

Final approval will be determined by the principal. Every senior must be enrolled in a minimum of 3 credits per term.

ATHLETIC ELIGIBILITY

Ocean Springs High School is a member of the Mississippi High School Activities Association (MHSAA) and participates in athletics and activities under the bylaws and regulations of the association. In order to participate, a student must meet the requirements as outlined in the Mississippi High School Activities Association Handbook.

GRADE PLACEMENT

Students who have successfully completed the 8th grade will be considered 9th grade students. Listed below are the minimum units which must have been earned to attain sophomore, junior, and senior status:

ENTERED 9TH GRADE	SOPHOMORE STATUS	JUNIOR STATUS	SENIOR STATUS
Since 1998	6	12	20

SCHEDULE CORRECTIONS

Course selection corrections must be submitted during the selection process. After online course requests are closed, schedule corrections will only be made based on the following justifiable reasons no later than the **first two days** of the school year:

- Course that needs to be repeated
- * Prerequisite for course not met
- * Incomplete schedule or overlapping courses
- * Course already taken and passed
- * Course requirement lacking for graduation - 12th graders only

MISSISSIPPI SCHOLARS PROGRAM*

The Mississippi Scholars Program began during the 2005-06 school year. The purpose of this program is to encourage students to take more challenging courses in high school. The State Superintendent of Education and all national data indicate that students with a more rigorous academic schedule of high school studies is going to be better prepared for college and/or the world of work. Students who complete the Mississippi Scholars Program and turn in a **completed application** by the due date will be recognized at Graduation and the Academic Awards Program.

These are the course requirements for a Mississippi Scholars student:

English	<i>Same as our English graduation requirements</i>
Math	<i>Algebra I, Geometry, Algebra II and any one unit of comparable content or rigor</i>
Science	<i>Biology, Chemistry I and two additional science units of comparable rigor</i>
Social Studies	<i>Same as our graduation requirements</i>
Arts	<i>Same as our graduation requirements</i>
Foreign Languages	<i>Two credits in the same language</i>

Additional requirements:

- 40 Hours of Community or Volunteer Service during 4 years of high school
- 18 ACT Composite Score (Overall Score)
- 2.5 cumulative high school GPA on a 4.0 scale
- 3 letters of recommendation (one from each of the following – principal, guidance counselor and business/community leader for students with more than 4 in-school suspensions)
- 95% School Attendance during 4 years of high school
- No out-of-school suspension
- Mississippi Scholars must also complete any remaining State-mandated high school graduation requirements.
- Advanced Placement courses may be substituted in Mississippi Scholars subject areas.
- Dual credit and online courses are acceptable.

*The Mississippi Scholars Program has the right to adjust their requirements. Please check their website regularly to ensure you are in good standing, <http://www.msmeec.com/ms-scholars-curriculum>.

MISSISSIPPI TECH MASTERS PROGRAM

The Mississippi Tech Masters Program is to encourage students to pursue and perform well in a tech-prep course of study, recognizing their achievements at graduation, as the Mississippi Scholars program currently recognizes those who pursue a college-bound course of study, with a particular emphasis on science, technology, engineering and math (STEM). Students must meet the following criteria:

4 Credits) English

*(3 Credits) Math - Algebra I - Math above Algebra I (Course has to be related to program of study)

*Geometry Mandatory

(3 Credits) Science – Biology I and 2 courses above Biology I

(3 Credits) Social Studies - American History, Government and MS Studies

(1 Credit) Computer

(½ Credit) Health or PE

*(2.5) Electives of your program of study

*4 CTE Credits in the same area of study – Must take 4 CTE credits Non-negotiable

Additional Requirements:

- ❖ 20 hours of community or volunteer service during high school pilot year – 40 hours of community or volunteer service thereafter
- ❖ Minimum of 18 ACT composite score (overall score) or
- ❖ Minimum 36 ASVAB (Armed Services Vocational Aptitude Battery Test)
- ❖ 2.5 high school GPA
- ❖ 95% school attendance during high school years
- ❖ No out-of school suspension

Tech Masters must attain a passing score, as establish by the Mississippi Department of Education (MDE), on the Mississippi Career Planning and Assessment System (CPAS2) or a passing score on an MDE approved industry certification assessment. Mississippi Scholars Tech Master must complete any remaining State-Mandated high school graduation requirements. Dual credit courses are acceptable.

1314 AP ENGLISH - LANGUAGE AND COMPOSITION
Open to: Grade 11 **Credit/Weight:** 1 unit/6.0
Prerequisite: Recommended grade of an A in Eng II or B or higher in Honors English II **Course length:** 1 term

This course is an in-depth study of rhetoric with an intensive writing program. It is a college level course designed to prepare students for the Advanced Placement Language and Composition exam given in May. Advanced composition and grammar skills are necessary, as students will be required to write critically. (See the explanation of the Advanced Placement Program on page 6.) **The fee for required supplemental materials is \$10.00.**

1401 ENGLISH IV
Open to: Grade 12 **Credit/Weight:** 1 unit/4.0
Prerequisite: Eng III **Course length:** 1 term

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

1405 AP ENGLISH - LITERATURE & COMPOSITION
Open to: Grade 12 **Credit/Weight:** 1 unit/6.0
Prerequisite: Recommended Grade of A in English III or B or higher in IB/AP English **Course length:** 1 term

This course is designed as an in depth study of literature with an intensified writing program. It is a college level course preparing students for the Advanced Placement Literature and Composition exam given in May. (See the explanation of the Advanced Placement Program on page 6.) **The fee for required supplemental materials is \$10.**

1140 RESEARCH METHODS

Open to: Grade 12 **Credit/Weight:** .5/5.0
Prerequisite: English III **Course length:** 1 quarter

This elective course serves as a general introduction to academic research methodology. Enrolled students will explore various topics including but not limited to the following: What is research? What are research ethics? What is research bias? Where do I find sources? How do I choose a valid source? What are research methods? How do I identify an audience? How do I write a college research paper? How do I compose an annotated bibliography? What's the difference between a works cited and a works consulted? What is MLA formatting? What is APA formatting? How is research used in different career fields? This course will help to prepare students for college writing and will serve as a solid foundation for later research experiences. College-bound students or those considering AP, IB, or Dual Credit courses should contemplate taking this course. *It is strongly encouraged that students pair this course with Technical and Workplace Writing (1141) as that curriculum overlaps and correlates with this course.*

1141 TECHNICAL AND WORKPLACE WRITING

Open to: Grade 12 **Credit/Weight:** .5 /4.0
Prerequisite: English III **Course length:** 1 quarter

Designed to give students a look into the real world of technical writing, this elective course's curriculum follows various strands, including but not limited to the following: an introduction to technical writing, how to determine audience and purpose, technical research, technical reading, document design and graphics, correspondence writing, proposal writing, report writing, writing instructions, composing employment communication (including resumes and cover letters), and workplace ethics. Whether pursuing a degree upon graduation from high school or immediately entering the workforce, all students desiring career success will find something of benefit in this course. *It is strongly encouraged that students pair this course with Research Methods (1140) as the curriculum binds together to help students build an extensive understanding of strategies to better their educational and professional careers.*

1165 AP SEMINAR

Open to: Grade 11
Prerequisite: None

Credit/ Weight: 1.0/ 6.0
Course length: 1 semester

AP seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical text; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. The course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. This is the first of two courses required for the AP Capstone Diploma in addition to AP courses of the student's choosing.

MATHEMATICS COURSE OPTIONS

REQUIRED: CHOOSE ONE	REQUIRED: CHOOSE ONE	REQUIRED: CHOOSE ONE	MATHEMATICS ELECTIVES:
Algebra I	Geometry	Geometry	Advanced Math Plus
Algebra I Year-Long	Honors Geometry	Honors Geometry	Algebra III
	Algebra II	Algebra II	Transition to College Math (SREB)
	Honors Algebra II	Honors Algebra II	AP Statistics
			AP Calculus AB
			AP Calculus BC
			IB Math Studies--Standard Level
			IB Math Standard Level

Algebra I, Geometry, and Algebra II are required courses. Algebra II and Geometry may be taken in either order.

Students are required to have four mathematics credits in order to graduate. At least two of the four must be higher than Algebra I.

PREREQUISITES FOR MATHEMATICS ELECTIVES

<u>Advanced Math Plus</u>	<u>Algebra III</u>	<u>Transition to College Math (SREB)</u>	<u>AP Statistics</u>	<u>AP Calculus AB</u>	<u>AP Calculus BC</u>	<u>IB Math Studies- Standard Level</u>	<u>IB Math Standard Level</u>
Algebra I Geometry Algebra II	Algebra I Geometry Algebra II Advanced Math Plus (recommended)	Algebra I Geometry Algebra II	Algebra I Geometry Algebra II	Algebra I Geometry Algebra II Adv. Math Plus Algebra III	Algebra I Geometry Algebra II Adv. Math Plus Algebra III	Algebra I Geometry Algebra II	Algebra I Geometry Algebra II Adv. Math Plus Algebra III (recommended)

MATHEMATICS DEPARTMENT

Important Information: Students must have four (4) math credits to graduate. **At least two of the four required mathematics credits must be higher than Algebra I.** All students must pass a state assessment for Algebra I. It is strongly recommended that students do not postpone taking mathematics courses. More than one course may be taken in the same school year/semester as long as the prerequisites have been met.

2102 ALGEBRA I (Semester long)

Open to: Grades 9
Prerequisite: 80%+ in 8th Grade Math
Credit/Weight: 1 unit/4.0
Course length: 1 term

Algebra is the language through which most mathematics is communicated. The understanding of algebraic representation is a prerequisite for more formal work in mathematics as well as a useful tool for applying mathematics in everyday life as it is related to problems of finding unknown values that relate to space and quantity. Students will cover concepts such as real numbers and their properties, linear equations and inequalities, and systems of equations. Students enrolled in this course will have to take and pass the state assessment for Algebra I in order to graduate.

2110 ALG I COMPANION S1 & ALG 1 S2 (Year-Long Algebra I)

Open to: Grades 9-11
Prerequisite: Students not passing 8th grade math at the end of Q3 will be placed in Foundations of Algebra.
Credit/Weight: 2 units/4.0(1 elective credit and 1 credit in Alg I)
Course length: 2 terms

This course will cover the same content that is covered in 9th grade Algebra but at a slower pace. With the full year to cover the material, the student will have time to focus on those areas in which he/she is weak. Students will receive 2 credits at the end of the course after successful completion (1 elective credit and 1 credit in Algebra I). Students enrolled in this course will have to take and pass the state assessment for Algebra I in order to graduate.

2201 GEOMETRY

Open to: Grades 9-12
Prerequisite: Algebra I
Credit/Weight: 1 unit/4.0
Course length: 1 term

The geometry curriculum will provide experiences that increase the student's understanding of shapes and their properties with an emphasis on wide applicability in human activity. Providing the student the opportunity to visualize and work with two- and three-dimensional figures enables her/him to develop spatial skills fundamental to everyday life and many careers. Logical reasoning is utilized in both deductive and inductive thought processes. This course counts as one of the math credits required for graduation that is higher than Algebra I.

2205 HONORS GEOMETRY

Open to: Grades 9-10
Prerequisite: 80%+ in Algebra I
Credit/Weight: 1 unit/5.0
Course length: 1 term

This course includes all of the topics covered in Geometry with an intensive emphasis on theory and formal proof. Topics such as trigonometry and solid geometry are also included. This course is recommended for those students who will be taking higher-level math courses and who can meet the challenge of the additional workload. This course counts as one of the math credits required for graduation that is higher than Algebra I.

2301 ALGEBRA II

Open to: Grades 9-12
Prerequisite: Algebra I
Credit/Weight: 1 unit/4.0
Course length: 1 term

Algebra II is designed as an extension of Algebra I. It provides opportunities for mathematical problem solving; develops ability to use mathematics to communicate, generalize and reason; and to make mathematical connections. The course exposes the student to the Complex Number System, introduces trigonometric identities, and extends probability and statistics concepts. This course counts as one of the math credits required for graduation that is higher than Algebra I.

2401 AP CALCULUS AB WITH FIELD EXPERIENCES

Open to:	Grades 11-12	Credit/Weight:	1 unit each semester/6.0
Prerequisite:	Advanced Math Plus & Algebra III	Course length:	2 terms

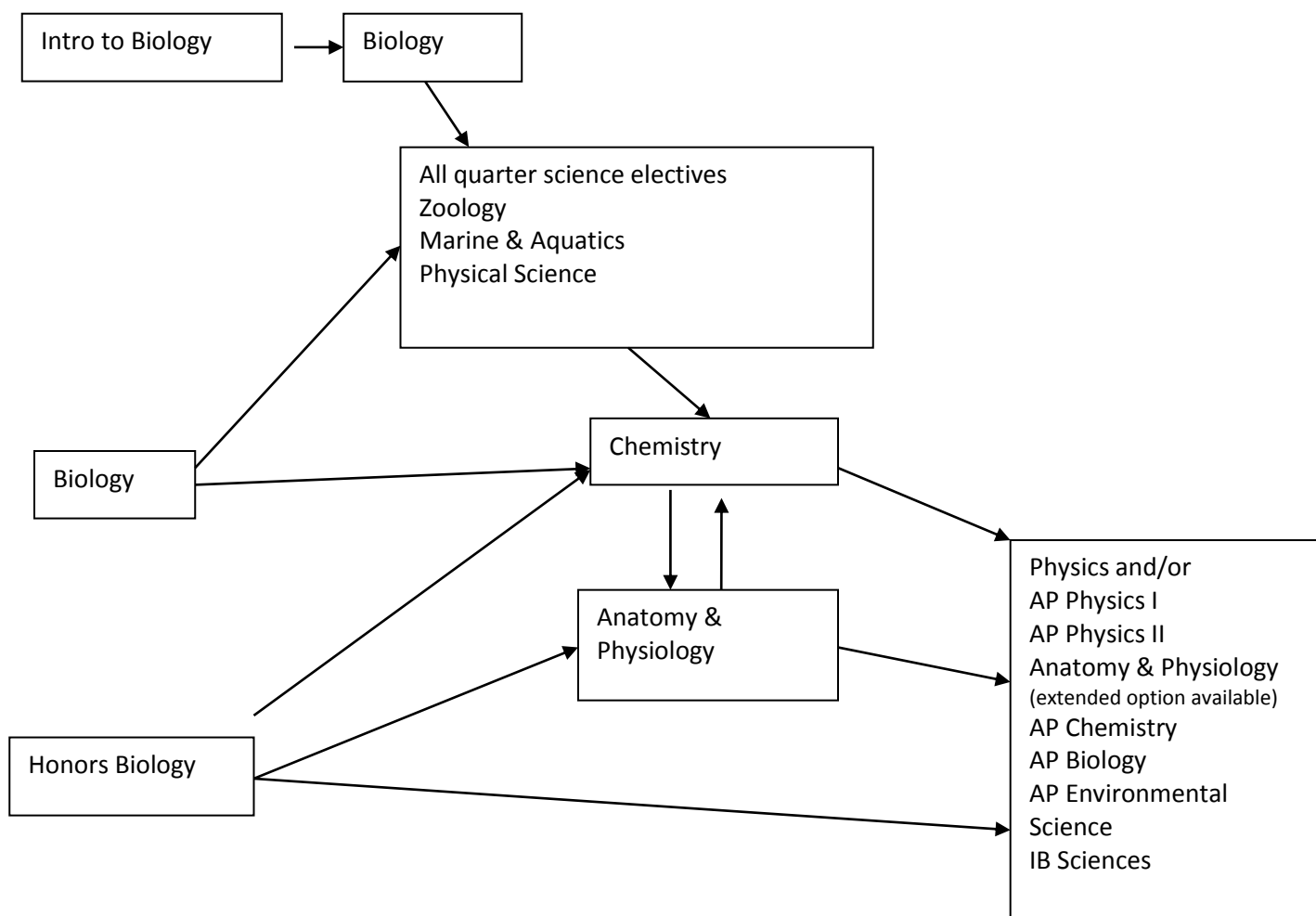
Advanced Placement Calculus AB is a course based on content established by the College Board. AP Calculus AB is primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. The connections among these representations are also important. Topics include: (1) functions, graphs, and limits; (2) derivatives; and (3) integrals. Technology should be used regularly by students and teachers to reinforce the relationships among the multiple representations of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. AP Calculus AB provides the equivalent of the first course in a college calculus sequence. Most colleges and universities will grant one semester's credit for a score of 3 or better on the AP Calculus AB test.

2402 AP CALCULUS BC WITH FIELD EXPERIENCES

Open to:	Grades 11-12	Credit/Weight:	1 unit each semester/ 6.0
Prerequisite:	Advanced Math Plus & Algebra III	Course length:	2 terms

Advanced Placement Calculus BC is a course based on content established by the College Board. AP Calculus BC is primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multirepresentational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. The connections among these representations are also important. Topics include: (1) functions, graphs, and limits; (2) derivatives; and (3) integrals; and (4) polynomial approximations and series. Technology should be used regularly by students and teachers to reinforce the relationships among the multiple representations of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. The content of AP Calculus BC is designed to qualify the student for placement and credit in a course that is one course beyond that granted for AP Calculus AB. Most colleges and universities will grant two semester's credit for a score of 3 or better on the AP Calculus BC test.

Potential Course Sequences for Science



To take this science course.....You need these prerequisites	
Biology	Algebra I
Honors Biology.....	Algebra I
Genetics, Microbiology, Zoology, Marine Aquatics, Environmental Science and Geology.....Biology	
Astronomy..... Biology & Algebra I	
Anatomy & Physiology.....Chemistry or Honors Biology (Extended Anatomy must be taken immediately after 1 st semester A& P)	
Chemistry	Biology, Algebra I
Physics.....	Biology, Chemistry
AP Biology.....	Biology
AP Physics I.....	Algebra II
AP Physics II.....	Algebra II
AP Environmental Science.....	Biology Geology (pre or co)
AP Chemistry.....	Algebra II

3203 Chemistry

Open to: Grades 10-12 **Credit/Weight:** 1 unit/5.0
Prerequisite: Biology, Algebra I **Course Length:** 1 term
Co-requisite: Algebra II

This laboratory based science course is for college-bound students. Chemistry covers the interactions of matter, its composition, structure, and properties. Topics include SI measurement, atomic theory, bonding, periodicity, nomenclature, reactions, stoichiometry, solutions, and nuclear chemistry. **The lab fee for this course will not exceed \$10.**

3401 Physics

Open to: Grades 11-12 **Credit/Weight:** 1 unit/5.0
Prerequisite: Biology and **Course Length:** 1 term
Algebra II

This laboratory based course is designed for the college bound student. Topics include motion, vectors, energy, waves, light, electricity, magnetism and nuclear physics. This science course requires background knowledge of mathematics. **The lab fee for this course will not exceed \$10.**

3327 AP Biology with Field Experiences

Open to: Grades 11 and 12 **Credit/Weight:** 1, 1 units/6.0
Prerequisite: Biology or Honors Biology **Course Length:** 2 terms

This lab based science is designed to be the equivalent of a college Biology course, emphasizing four areas of study: evolution, homeostasis and cellular processes, genetics and information transfer, and interactions between biological systems. This course is divided into two semesters. Students are required to complete both semesters. This is a college level course designed to prepare students for the AP Biology assessment. **The lab fee for this course will not exceed \$35.**

3325 AP Chemistry with Field Experiences

Open to: Grades 11-12 **Credit/Weight:** 1, 1 units/ 6.0
Prerequisite: Chemistry and Algebra II **Course length:** 2 terms

This lab based science is designed to be the equivalent of a college chemistry course, emphasizing in-depth studies in electrochemistry, kinetics, equilibria, and analytical chemistry. This course is divided into two semesters. Students are required to complete both semesters. This is a college level course will prepare students for the AP Chemistry assessment.. **The lab fee for this course will not exceed \$35.**

3328 AP Environmental Science

Open to: Grades 10-12 **Credit/Weight:** 1 unit/6.0
Prerequisite: Biology. Geology is **Course Length:** 1 term
recommended as a pre or
co-requisite

The AP Environmental Science course is designed to be the equivalent of an introductory college course in environmental science. This lab based course will provide students with the concepts and methodologies required to understand the interrelationships in the natural world and to identify and analyze environmental problems both natural and human-made. This course is will prepare students for the AP Environmental Science assessment. **The lab fee for this course will not exceed \$35.**

3406 **AP Physics I and II**

Open to:	Grades 11-12	Credit/Weight:	1, 1 units/ 6.0
Prerequisite:	Physics & Algebra II	Course length:	2 terms

This lab based science is designed to be the equivalent of a college physics course, emphasizing in-depth studies in mechanics, fluids, waves, thermodynamics, light, optics, elementary particles, and nuclear energy. This course is divided into two semesters. Students are required to complete both semesters. This course is designed to prepare students for the AP Physics assessment. Students may wish to take physics prior to AP Physics. **The lab fee will not exceed \$35.**

4201 WORLD HISTORY

Open to: Grade 10 **Credit/Weight:** 1 unit/4.0
Prerequisite: World Geography **Course length:** 1 term

This course provides a survey of world history from 1750 through the 20th century. The focus is on major concepts and events that have shaped the modern world order. This course is required for graduation and university admission in Mississippi. Classes will feature lectures, discussions, objective tests, essays, projects.

4207 AP EUROPEAN HISTORY

Open to: Grade 10 **Credit/Weight:** 1 unit/6.0
Prerequisite: World Geography **Course length:** 1 term

This course is intended for extremely qualified students who wish to complete classes in secondary school equivalent to college introductory courses in European history. The AP European History exam presumes at least one academic year of college-level preparation. The study of European history introduces students to cultural, economic, political, diplomatic, intellectual, and social developments that shaped the world in which they live. The goals of this course are to develop a) an understating of some of the principle themes in European history, b) an ability to analyze historical evidence and historical interpretation, and c) an ability to express historical understanding in writing. Students will be required to read and study the college-level textbook independently, write several essays based on historical research, take unit tests with test questions at the higher levels of thinking, read books and take written tests, and write a research paper. Daily reading and preparation is mandatory. This course meets the World History requirement.

4301 UNITED STATES HISTORY

Open to: Grade 11-12 **Credit/Weight:** 1 unit/4.0
Prerequisite: World History,
World Geography **Course length:** 1 term
(recommended pre or co-requisite: Econ., Govt.)

Required for graduation, this course is designed to help the student understand and appreciate the American way of life; a view of how the past relates to today. Classes will feature lecture, discussion, reading, inquiry, objective tests, and essay tests. The state assessment in U.S. History must be passed before graduation.

4309 AP UNITED STATES HISTORY

Open to: Grade 11 **Credit/Weight:** 1 unit/6.0
Prerequisite: Recommended **Course length:** 1 term
80%+ in AP European History or 85% in World History

The scope of this course covers U.S. history from 1490s to the present — an analysis of U.S. history from exploration and colonization to contemporary America. **Intensive reading and writing are required.** Emphasis is placed on analysis and synthesis levels of thinking. This is a college level course, preparing students for the AP exam in U.S. History. Classes will feature lecture, discussion, extensive outside readings, objective and essay tests. The state assessment in U.S. History must be passed before graduation. **Research assignments are required.**

4503 ECONOMICS

Open to: Grades 10-12 **Credit/Weight:** ½ unit/4.0
Prerequisite: None **Course length:** 1 quarter

This course applies economic concepts as a way of thinking about and acting on the personal, school, community, national and international levels. Students learn to use the concepts in their own personal lives by means of classroom discussions, simulations and hands-on activities. The classes will feature lecture, discussion, reading, simulation, inquiry, speakers, objective tests, and essay tests.

4720 WORLD RELIGIONS

Open to: Grade 11-12 **Credit/Weight:** 1 unit/5.0
Prerequisite: B in World History or AP **Course length:** 1 term
European History (recommended)

This challenging course is designed to be instructed in three parts. The first is to be an overview of five religions based on geography and is a fundamental discussion of three major questions. The second part is an in-depth study of two different world religions. Finally, the third of the course would be an individual study of a specific area of interest to the individual student. A major paper will be required in this class as well as outside of class research and reading.

9942 COMMUNITY SERVICE LEARNING

Open to: Grade 12 **Credit/Weight:** 1 unit/4.0
Prerequisite: Junior year 2.0 GPA **Course length:** 1 semester
at the end of 3rd quarter and no
discipline referrals junior year

This course offers a community service opportunity, which includes volunteer work as well as classroom instruction. 90% of the grade will be community service hours and 10% completing a special learning project. Students will be required to complete 127 hours of community work and meet in the service learning classroom one day a week. Students are responsible for completing a performance portfolio on a weekly basis. To sign up for this course students should be highly motivated, responsible, and have a favorable attendance record.

5104 SPANISH IV

Open to:	Grades 10-12	Credit/Weight:	1 unit/5.0
Prerequisite:	Minimum grade B- in Spanish III or teacher recommendation	Course length:	1 term

Spanish IV is an advanced elective for the student who displays mastery of the skills covered in Spanish I, II, and III. Students will continue to develop their language skills and to study the history and culture of Spanish speaking countries. Students should have completed Spanish III with at least a B- or have the teacher's recommendation.

5201 FRENCH I

Open to:	Grades 9-12	Credit/Weight:	1 unit/4.0
Prerequisite:	None	Course length:	1 term

This course emphasizes the fundamentals of reading, writing, listening, and speaking the French language. Students will also study the culture of Francophone countries. Two years of the same foreign language are recommended for a college preparatory schedule.

5212 HONORS FRENCH I

Open to:	Grades 9-12	Credit/Weight:	1 unit/5.0
Pre-requisites:	None	Course Length:	1 term

This class is for serious students. Students should expect to complete the regular French I curriculum and to advance at a faster pace, cover additional objectives, and participate in additional enrichment activities. It is designed for students who are highly motivated and are not afraid of a challenge.

5202 FRENCH II

Open to:	Grades 9-12	Credit/Weight:	1 unit/4.0
Prerequisite:	French I	Course length:	1 term

This course is an advanced elective for college bound students who enjoy speaking French. Students will expand skills in reading, writing, listening, and speaking from French I. Students should expect additional study and preparation. Two years of the same foreign language are recommended for a college preparatory schedule.

5213 HONORS FRENCH II

Open to:	Grades 9-12	Credit/Weight:	1 unit/5.0
Pre-requisite:	B in French I	Course Length:	1 term

This class is for serious students of French. Students should expect to complete the regular French II curriculum and to advance at a faster pace, cover additional objectives, and participate in additional enrichment activities. It is designed for students who are highly motivated and are not afraid of a challenge.

5203 FRENCH III

Open to:	Grades 10-12	Credit/Weight:	1 unit/5.0
Prerequisite:	Minimum grade B- in French II or teacher recommendation	Course length:	1 term

This course is accelerated and for the serious language student who enjoys speaking French. Students will continue to expand skills in reading, writing, listening, and speaking. Students should be prepared to use the skills they learned in French II and to expect additional study and preparation. Students should have completed French II with a B- or the teacher's recommendation.

5204

FRENCH IV

Open to: Grades 10-12
Prerequisite: Minimum grade B-
in French III or teacher
recommendation

Credit/Weight: 1 unit/5.0
Course length: 1 term

This is an accelerated course for the serious language student who enjoys speaking French. There is a stronger, more intense focus on the literature and the culture of Francophone countries and a continuation of and focus on the grammar skill learned in French I, II, and III. Students should expect additional study and preparation. Students should have completed French III with a B- or the teacher's recommendation.

6703 WEB DESIGN AND MEDIA RICH CONTENT

Open to: Grades 9-12 **Credit/Weight:** 1 unit/4.0
Prerequisite: ICT II or STEM **Course length:** 1 term

This introductory web design course is designed to give students experience working with the elements and principles of design and apply those principles to web page creation. Class activities are project-based and give students an opportunity to practice technical skills including Hyper Text Markup Language (HTML) coding and web design software as well as Photoshop software applications.

6712 AP COMPUTER SCIENCE A

Open to: Grades 10-12 **Credit/ Weight:** 1 unit/ 6.0
Prerequisite: 80%+ in Algebra 2 **Course length:** 1 term

The AP computer science A course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. Students should be comfortable with functional notation prior to taking this highly math based course. This is a college level course to help prepare students for the Computer Science portion of the AP Exams.

6223 INTRODUCTION TO GUITAR

Open to: Grades 9-12 **Credit/Weight:** ½ unit/4.0
Prerequisite: Instrument (acoustic guitar) **Course length:** 1 quarter

Through group instruction, students will be taught beginning guitar. Each student will have instructional time as well as practice time during the period. Students will be required to play music studied as well as learn musical terms and concepts taught. Students must provide their own music books, instruments, and accessories.

BANDS

Students that are selected for enrollment into one of the major band performing ensembles at Ocean Springs High School should select the appropriate band course numbers based upon Director’s approval and recommendation. Students must demonstrate fundamental skills at the high school level for enrollment into any band class. As a member of the Blue-Grey Pride Marching Band, students are required to participate in ALL after-school or special called rehearsals, perform at varsity football games, inter-school activities, community functions such as parades, etc., and band contests/festivals. As a member of any concert band ensemble, students will explore a variety of musical styles and genres from original band compositions to transcriptions. All students enrolled in one of the three concert band ensembles will be required to attend and participate in their respective concert evaluation. Additionally, students enrolled in Wind Ensemble will be required to attend a one-hour weekly sectional rehearsal that occurs outside of the normal school day. These rehearsals will generally take place between the hours of 4:00 and 6:00pm. **Participation at all performances and extra rehearsals is required of all members.**

6111 MARCHING BAND- Fall (by audition only)
Credit/Weight: 1 unit/4.0 **Course length:** 1 term

6115 BAND/GUARD- Fall (by audition only)
Credit/Weight: 1 unit/4.0 **Course length:** 1 term

6117 PA WIND ENSEMBLE- Spring (by audition only)
Credit/Weight: 1 unit/4.0 **Course length:** 1 term

6120 PA SYMPHONIC BAND – Spring (by audition only)
Credit/Weight: 1 unit/4.0 **Course length:** 1 term

6119 PA CONCERT BAND – Spring (by audition only)
Credit/Weight: 1 unit/4.0 **Course length:** 1 term

6122 PA SPECIAL / DANCE- Fall (by audition only)
Credit/Weight: 1 unit/4.0 **Course length:** 1 term

This course is for the Dancers of Ocean Springs High School. It is designed to explore various styles of dance and performance. The dancers perform with the Blue-Grey Pride Band for half-time performances at Varsity Football games, parades, inter-school activities, community functions, and band festivals. Students must meet all requirements as outlined in the Dance Team Constitution. Participation at all performances and extra rehearsals is required of all members.

6207 CHAMBER CHOIR (1st Semester)

Open to: Grades 9-12 **Credit/Weight:** 1 unit/4.0
Prerequisite: None **Course length:** 1 term

This performance based course is designed for male and females who wish to study in the area of vocal music. Objectives include proper vocal technique, sight singing, and ear training. Students will have the opportunity to sing at contest and perform in a spring show. **Participation at all performances and extra rehearsals is required of all members.**

DUAL CREDIT

Important Information: The Mississippi Gulf Coast Community College Dual Credit Program allows academically talented students of junior or senior high school classification who meet the following requirements to enroll in college courses. The requirements are as follows: successful completion of 14 core units and/or high school junior status, 3.0 or higher grade point average (unweighted), MGCCC admissions application, and completed verification form by the students' counselor or principal. **Students must meet these requirements for all dual credit courses plus any ACT prerequisite scores listed below.** The offering of the courses listed below are contingent upon student demand.

2120 DUAL CREDIT COLLEGE ALGEBRA

Open to: 12 **Credit/Weight:** 1 unit and 3 college credit hours/5.0
Prerequisite: Algebra II and Geometry **Course length:** 1 term
and 19 ACT subscore on Math Section

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

4710 DUAL CREDIT GENERAL PSYCHOLOGY

Open to: 11-12 **Credit/Weight:** 1 unit and 3 college credit hours/5.0
Prerequisite: see Important Information **Course length:** 1 term

Eligible students taking this course will receive one high school elective credit. It includes an introduction to the scientific study of human behavior and mental processes, history and theories of psychology, research methods, biological bases of behavior, the principles of learning, personality and abnormal behavior. **Applicable MGCCC fees will apply.**

6310 DUAL CREDIT ART APPRECIATION

Open to: 11-12 **Credit/ Weight:** 1 unit and 3 college credit hours/ 5.0
Prerequisite: see Important Information **Course length:** 1 term

Eligible students taking this course will receive one high school fine arts credit. This course is designed to provide an understanding and appreciation of the visual arts. **Applicable MGCCC fees will apply.**

4715 DUAL CREDIT WORLD CIVILIZATION I

Open to: 11-12 **Credit/ Weight:** 1 unit and 3 college credit hours/ 5.0
Prerequisite: see Important Information **Course length:** 1 term

Eligible students taking this course will receive one high school social studies credit. This course is a general survey of world history from ancient times to the 1500s. **Applicable MGCCC fees will apply.**

MILITARY SCIENCE DEPARTMENT

JROTC's primary objective is to "Motivate Young People to be Better Citizens". JROTC teaches leadership values of Loyalty, Duty, Respect, Selfless Service, Honor, Integrity and Personal Courage. JROTC uses the Army leadership framework to facilitate learning about Character, Fitness, Leadership, Teamwork, Personal and Social Responsibility, Selfless Service to community and others, American heritage and history. Components of this course will include first aid, marching, military courtesy, physical training and other military related areas. Grades are computed based on examinations, reports, uniform wear, and physical fitness training. On uniform day, cadets are required to maintain a neat and acceptable haircut and appearance. Cadets must display a good attitude and be willing to respond positively to peer leadership. **NO MILITARY OBLIGATION AFTER GRADUATION IS INCURRED.** This course meets graduation requirements in physical education and Freshman Focus. The health requirement is fulfilled by completion of JROTC I and II.

7701 JROTC 1
Open to: Grades 9-12 **Credit/Weight:** 1 unit/4.0
Prerequisite: None **Course length:** 1 term

7702 JROTC 2
Open to: Grades 9-12 **Credit/Weight:** 1 unit/4.0
Prerequisite: JROTC 1 **Course length:** 1 term

7703 JROTC 3
Open to: Grades 10 -12 **Credit/Weight:** 1 unit/4.0
Prerequisite: JROTC 2 and instructor approval **Course length:** 1 term

7704 JROTC 4
Open to: Grades 10 - 12 **Credit/Weight:** 1 unit/4.0
Prerequisite: JROTC 3 and instructor approval **Course length:** 1 term

7705 JROTC 5
Open to: Grades 11 - 12 **Credit/Weight:** 1 unit/4.0
Prerequisite: JROTC 4 and instructor approval **Course length:** 1 term

7706 JROTC 6
Open to: Grades 11 - 12 **Credit/Weight:** 1 unit/4.0
Prerequisite: JROTC 5 and instructor approval **Course length:** 1 term

7707 JROTC 7
Open to: Grade 12 **Credit/Weight:** 1 unit/4.0
Prerequisite: JROTC 6 and instructor approval **Course length:** 1 term

7708 JROTC 8
Open to: Grade 12 **Credit/Weight:** 1 unit/4.0
Prerequisite: JROTC 7 and instructor approval **Course length:** 1 term

CAREER AND TECHNICAL DEPARTMENT

7604 CONTEMPORARY HEALTH

Open to: Grades 9-12 **Credit/Weight:** 1/2 unit/4.0
Prerequisite: None **Course length:** 1 quarter

Contemporary Health (9-12) is a one quarter high school course (offering .5 Carnegie units of credit), which **meets the graduation requirement for health**. It includes classroom and hands-on experiences that help students acquire the knowledge, attitudes and skills necessary for making health-promoting decisions, achieving health literacy, adopting health-enhancing behaviors, and promoting the health of others. In this course of study, emphasis is placed on personal, social and mental health in today's society. It includes instruction on human growth and development, disease prevention and control, substance abuse and prevention, community and environmental health, nutrition, wellness, safety and first aid. Students will be provided with instruction that is clearly relevant to today's rapidly changing world. Classes and projects will be designed to spark student interest and enthusiastic participation as well as provide a rationale for content relevancy, thus enabling students to connect what they learn to other aspects of their lives.

7625 FAMILY DYNAMICS

Open to: Grades 9-12 None **Credit/Weight:** 1/2 unit/4.0
Prerequisite: None **Course length:** 1 quarter

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

7611 RESOURCE MANAGEMENT

Open to: Grades 9-12 **Credit/Weight:** 1/2 unit/4.0
Prerequisite: None **Course length:** 1 quarter

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

7613 NUTRITION AND WELLNESS

Open to: Grades 9-12 **Credit/Weight:** 1/2 unit/4.0
Prerequisite: None **Course length:** 1 quarter

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

7617 CHILD DEVELOPMENT

Open to: Grades 9-12 **Credit/Weight:** 1/2 unit/4.0
Prerequisite: None **Course length:** 1 quarter

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

6802 STEM

Open to: Required for Grade 9 **Credit/Weight:** 1 units/4.0
Prerequisite: None **Course length:** 1 term

Science, Technology, Engineering, and Mathematics (STEM) Applications is an innovative instructional program that prepares students to engage in future academic and vocational courses of study in high school, community college, and institutions of higher learning. Students in STEM Applications complete study in technology literacy, the design process, emerging technologies, computer-aided design, sustainable design and technology, power and energy, robotics simulation, financial and economic literacy, and workplace skills for the 21st century. **Required for all 9th graders.**

Important information regarding the courses below:

Ocean Springs High School Career & Technical Education (CTE) Center does not discriminate on the basis of race, color, religion, national origin, sex, age, or disability in the provision of educational programs and services or employment opportunities and benefits. Selection for the courses below will be based on grades, attendance, and discipline record. CTE students after completion of 2 years in any of the CTE programs earning at least a “B” average qualify for a full tuition scholarship to attend Mississippi Gulf Coast Community College and study any of the Career and Technical programs. **Lab fees are indicated in course description.**

6810 MARKETING I

Open to:	Grades 10-12	Credit/Weight:	2.0 units/4.0
Prerequisite:	None	Course Length:	2 terms/Full year

Marketing I is designed to educate and train students in the fundamentals of business and marketing, while allowing them to begin to explore the different areas of marketing including Sports, Fashion, and Entertainment. Students will have opportunities to develop confidence and skills that are vital to a successful businessperson. Interpersonal, oral, and written communication skills will be enhanced. **A \$15 lab fee is required.** *This course meets the Economics Graduation requirement.*

6811 MARKETING II

Open to:	Grades 11-12	Credit/Weight:	2.0 units/4.0
Prerequisite:	Marketing I	Course length:	2 terms/Full year

This course is a continuation of Marketing I. Marketing II is designed to further educate and train students in the field of marketing. Students will be able to master the concepts of marketing, including planning, sales, and distribution. Instruction and special emphasis will also be placed on the different career areas of marketing including Sports, Fashion, Special Events and Entertainment marketing. Students earning at least a “B” average qualify for a full tuition scholarship to attend Mississippi Gulf Coast Community College and study any of the Career and Technical programs after completing Marketing 2. **A \$15 lab fee is required.**

6825 EARLY CHILDHOOD SERVICES AND EDUCATION I

Open to:	Grades 10-12	Credit/Weight:	2 units/4.0
Prerequisite:	None	Course length:	2 terms/Full year

This course prepares students for occupations in childcare, preschool, or as a teacher assistant. Students receive training in child development and psychology, nutrition, health, safety, and planning and carrying out children’s activities. Students in this course will experience hands-on training in the CTE preschool which serves 3, 4 and 5 year olds. **A \$15 lab fee is required.**

6826 EARLY CHILDHOOD SERVICES AND EDUCATION II

Open to:	Grades 11-12	Credit/Weight:	2 units/4.0
Prerequisite:	Early Childhood Services and Education I	Course length:	2 terms/Full Year

This course is a continuation of Early Childhood Services and Ed. I. Attention is focused on management of nursery schools, program planning and children’s activities. Instruction includes classroom training, as well as increased lab and teaching experiences in the preschool. Students earning at least a “B” average qualify for a full tuition scholarship to attend Mississippi Gulf Coast Community College and study any of the Career and Technical programs after completing Early Childhood Services 2. **A \$15 lab fee is required.**

6820 CULINARY AND RELATED FOODS TECHNOLOGY I

Open to: Grades 10-12 **Credit/Weight:** 2 units/4.0
Prerequisite: None **Course length:** 2 terms/Full Year

This course is designed to develop skills used in commercial food service jobs and to introduce students to careers available in the industry. Students in the program are involved in planning menus, preparing, and serving meals on a regular basis at the “Hungry Hounds Cafe”. Emphasis is placed on cost and portion control, the value of safety and sanitation, human relations and general quality as well as quantity food production. **A \$15 lab fee is required.**

6821 CULINARY AND RELATED FOODS TECHNOLOGY II

Open to: Grades 11-12 **Credit/Weight:** 2 units/4.0
Prerequisite: Culinary I **Course length:** 2 terms/Full Year

This course is structured to further develop skills in menu planning, costing, ordering, receiving, and food storing; quality food production, how to improve and advance in the job market, customer service techniques, and employee-employer relations. Students completing this course are prepared to enter junior or senior college and/or enter the job market at the intermediate level. Many junior and senior colleges offer scholarships in Hotel-Motel Restaurant Management and other related areas. There are also apprenticeship or work study programs (such as the one at Disney World) and culinary schools available for those completing a high school food service program. Students earning at least a “B” average qualify for a full tuition scholarship to attend Mississippi Gulf Coast Community College and study any of the Career and Technical programs after completing Culinary 2. **A \$15 lab fee is required.** *This class offers national certification in Prostart which is the national standard for the National Restaurant and Education Foundation. (www.nraef.org)*

6815 CONSTRUCTION TRADES I

Open to: Grades 9-12 **Credit/Weight:** 2 units/4.0
Prerequisite: None **Course length:** 2 terms/Full Year

Construction Trades I is a hands on class that teaches students the beginning skills of the construction field. Students interested in learning about the areas of carpentry, masonry, electrical wiring, or plumbing would benefit from this course. If you would like to learn to use hand tools, power tools and learn to build projects with wood this course is designed for you. You will be introduced to safety in a shop setting, proper tool use, and teamwork. Student projects that develop the skills covered in the curriculum are encouraged. *. Students are given the opportunity to gain a national certification through the NCCER.* They are also, encouraged to join the student organization Skills USA to further develop their skills and leadership ability at the local, state and national level. **A \$15 lab fee is required.**

6816 CONSTRUCTION TRADES II

Open to: Grades 10-12 **Credit/Weight:** 2 units/4.0
Prerequisite: Const. Trades I **Course length:** 2 terms/Full Year

Construction Trades II is a continuation of Construction Trades I. Skills in the various areas of the construction field are further developed. Second year students are encouraged to work independently and as a team on various projects both large and small. Completion of the second year of this course allows a student to add to their NCCER national certification. Students also become eligible for a full tuition scholarship if a B average is maintained for a related construction trades program at MS Gulf Coast Community College. **A \$15 lab fee is required.**

Mississippi Occupational Diploma (Resource)

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

8410 EMPLOYMENT ENGLISH I (1 course credit)**8411 EMPLOYMENT ENGLISH II (1 course credit)****8409 EMPLOYMENT ENGLISH III (1 course credit)****8412 APPLIED EMPLOYMENT ENGLISH IV (1 course credit)**

Open to: Year 1 - 4 students **Credit/Weight:** 1 course credit

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

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

8423 JOB SKILLS MATH I (1 course credit)**8424 JOB SKILLS MATH II (1 course credit)****8413 JOB SKILLS MATH III (1 course credit)****8425 APPLIED JOB SKILLS MATH IV (1 course credit)**

Open to: Year 1 - 4 students **Credit/Weight:** 1 course credit

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

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

8416 LIFE SKILLS SCIENCE I (1 course credit)**8417 LIFE SKILLS SCIENCE II (1 course credit)****8419 LIFE SKILLS SCIENCE III (1 course credit)****8420 APPLIED LIFE SKILLS SCIENCE IV (1 course credit)**

Open to: Year 1 - 4 students **Credit/Weight:** 1 course credit

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

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

8429 CAREER PREPARATION I (1 course credit)**8442 CAREER PREPARATION II (1 course credit)****8444 CAREER PREPARATION III (1 course credit)****8414 APPLIED CAREER PREPARATION IV (1 course credit)**

Open to: Year 1 - 4 students **Credit/Weight:** 1 course credit

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

Career Preparation includes community-based instruction, which will enable students to practice previously learned concepts in an authentic setting. Skills to be developed and applied include community orientation skills, mobility skills, basic geographical concepts, governmental concepts, and the individual's role as a citizen in a democratic republic. Instruction in consumer responsibilities enables the young adult to demonstrate basic principles of prudent personal management, including paying taxes and saving for a planned, secure future.

8434 CAREER/TECHNICAL EDUCATION (GR. 10)

Open to: Year 2- 4 students **Credit/Weight:** 1 course credit
Prerequisite: I.E.P. **Course length:** 1 term

In school-based work assessment, the student will be provided with the opportunity to work in jobs with an employee of the school system under the supervision of school personnel. As this experience is evaluated, a situation assessment will be conducted. In a situational assessment, information is documented concerning the student’s interests; aptitudes, special needs, learning styles, work habits, personal social skills, attitudes toward work, and work tolerance. The Department of Labor considers this component “vocational assessment.”

8436 CAREER/TECHNICAL EDUCATION (GR. 11)

Open to: Year 3-4 students **Credit/Weight:** 1 course credit
Prerequisite: I.E.P./Career Preparation I, II **Course length:** 1 term

In a community-based work training students will work in the community under the direct supervision of an employee from the local business and will be indirectly supervised by the transition teacher and/or the transition specialist. While on the site, students will perform the same work as their assigned employee supervisor. This component is considered “vocational training” by the Department of Labor.

8440 WORK STUDY (GR. 12)

Open to: Year 4 students **Credit/Weight:** 2 course credits
Prerequisite: I.E.P. **Course length:** 2 terms

In the twelfth grade, students completing prerequisites and desiring competitive employment are placed in jobs as early in the school year as possible. Each student must have documented evidence of a minimum of 540 hours of successful paid employment while enrolled in the program by the end of his/her senior (exiting) year. Release time is given for students to participate in work experiences for credit.

INTERNATIONAL BACCALAUREATE COURSES

The following courses are for students in the IB program. Please see pages 6-7 for more information.

1306/ 01409 IB ENGLISH

Open to: Grades 11 & 12

Credit/ Weight: 1 unit each/ 6.0

Prerequisite: See pages 6/7

Course length: 1 year each

• **Part 1: Works in translation (11th grade)**

Works:

- *A Doll's House* – Henrik Ibsen *The Metamorphosis* – Franz Kafka; *Survival in Auschwitz* – Primo Levi

Assessment:

- Class Discussion(s), Reflection(s), Supervised Writing(s), **Works in Translation (WIT) Paper**

• **Part 2: Detailed study (12th grade):** *Wuthering Heights* – Emily Bronte; *Macbeth* – William Shakespeare; The Poetry of William Wordsworth

• **Part 3: Literary genres- drama (12th grade):** *Hamlet* – William Shakespeare; *Rosencrantz and Guildenstern are Dead* – Tom Stoppard; *Doctor Faustus* – Christopher Marlowe; *Death of a Salesman* – Arthur Miller

• **Part 4: Options (11th grade)**

Works:

- *Beowulf*; *Frankenstein* – Mary Shelley; *Their Eyes Were Watching God* – Zora Neale Hurston

Assessment:

- Individual Oral Presentation (IOP)

2518, 2519 IB MATH STUDIES (SL) I & II

Open to: Grade 11-12

Credit/Weight: 1.5 units/6.0

Prerequisite: Geometry & Algebra II

Course length: 2 semesters

Math Studies SL is offered as an alternate to *Mathematics SL* and assumes knowledge of the topics covered in *Trigonometry*. In this course, topics include matrices, systems of equations, linear programming, series, sets and Venn diagrams, permutations and combinations, probability and statistics. Emphasis is placed on mathematical concepts. Course work incorporates the use of graphing calculators and/or computers. An in-depth review for the International Baccalaureate Math Studies SL Exam is the focus of the fourth quarter of study. There is an examination fee associated with this course.

2516, 2517 IB MATHEMATICS (SL) I & II

Open to: Grade 11-12

Credit/Weight: 1.5 units/6.0

Prerequisite: Advanced Math Plus (required);
Algebra III (recommended)

Course length: 2 semesters

Math SL covers differentiation and integration of algebraic, trigonometric, exponential, logarithmic functions; as well as, vectors, probability & statistics, sequences & series and their applications. Students must also apply cumulative knowledge to create a Mathematical Exploration which is submitted to an International Baccalaureate committee for evaluation. This course meets the requirements to prepare students for the International Baccalaureate Math SL Exam. There is an examination fee associated with this course.

03109 IB Biology HL

Open to: Grades 11-12

Credit/Weight: 1 unit each year/6.0

Prerequisite: Biology (honors level recommended), chemistry

Course Length: Modified block A/B, 2 years

The IB Biology course ((higher level) includes the following core topics: cells, chemistry of life, genetics, ecology,

previously mentioned. There are examination fees associated with this course.