

# School Profile and Course Selection Guide



## 2022-2023

## St. Martin High School

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Nicole Baronich - Counselor for students H-O (Extension 1110)  
Melissa Sherwood - Counselor for students P-Z (Extension 1100)  
Jessica Mickelson - Testing Coordinator, TST Coordinator (Extension 1800)  
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## BLOCK SCHEDULING AT ST. MARTIN HIGH SCHOOL

Students at St. Martin High School are scheduled on a 4 x 4 modular block schedule. Students are able to enroll in 4 academic credits each term, earning up to eight (8) credits during each school year. 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/quarter or 1 semester.

**Quarter or Term** – the school year is divided into 4 term/quarters. A term/quarter is equivalent to a semester on a non-block schedule. A block course which lasts 1 term/quarter (9 weeks) earns 1 /2 of an academic credit. Terms/Quarters 1 and 2 are in the Fall Semester; terms/quarters 3 and 4 are in the Spring Semester.

**Semester** – A designation of time equal to one half of the school year. The school year consists of a Fall Semester (18 weeks) and a Spring Semester (18 weeks). During each Semester, there are semester-length (1.0 credit) courses and 2 term/quarter-length (0.5) courses.

## GRADE LEVEL CLASSIFICATION

9<sup>th</sup> Grade to 10<sup>th</sup> Grade.....Successful Completion of 8 Credits

10<sup>th</sup> Grade to 11<sup>th</sup> Grade.....Successful Completion of 14 Credits

11<sup>th</sup> Grade to 12<sup>th</sup> Grade.....Successful Completion of 20 Credits

12<sup>th</sup> to Graduation.....Successful Completion of at least 24 Credits

## COURSE LEVEL DEFINITIONS

**Regular** - Courses with normal requirements with a 4.0 quality point scale applied.

**Honors** – These courses merit the use of the 4.5 quality point scale. Honors courses prepare students for upper level rigorous courses.

**Accelerated** - These courses are more rigorous and are taught at a faster pace than regular courses. The difficulty of these courses merits the use of the 5.0 quality point scale.

**Advanced Placement** – Advanced Placement Courses through College Board and dual credit classes through Mississippi Gulf Coast Community College and William Carey University fall under this course level. These courses use a 5.5 quality point scale.

- Advanced Placement Courses are college level courses that prepare students to take the Advanced Placement Exam in those subjects. 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.

Dual Credit Courses are offered through MGCCC. Students receive high school and college credit for these courses. A student must be a Junior or Senior with 14 core high school credits. The student must have a 3.0 GPA. Specific ACT scores are required for English and Mathematics courses.

## Dual Credit Fees

If classes are taken on the college campus, the regular college fees will apply.

For classes taken on the high school campus through **Mississippi Gulf Coast Community College**, students are required to pay a \$100 fee per class. This money is to be paid at St. Martin High School before the class begins.

### MGCCC Classes Offered on SMHS Campus

- Art Appreciation
- College Algebra
- College Trigonometry
- English Composition I
- English Composition II
- General Psychology
- Spanish I
- DC Smart Start

### Quality Point Scale (QPA)

Types of Classes*	A (90-100)	B (80-89)	C (70-79)	D (60-69)
<b>Regular</b>	<b>4.0-5.0</b>	<b>3.0-3.9</b>	<b>2.0-2.9</b>	<b>1.0-1.9</b>
<b>Honors</b>	<b>4.5-5.5</b>	<b>3.5-4.4</b>	<b>2.5-3.4</b>	<b>1.5-2.4</b>
<b>Accelerated</b>	<b>5.0-6.0</b>	<b>4.0-4.9</b>	<b>3.0-3.9</b>	<b>2.0-2.9</b>
<b>Advanced Placement/Dual Credit</b>	<b>5.5-6.5</b>	<b>4.5-5.4</b>	<b>3.5-4.4</b>	<b>2.5-3.4</b>

\*Class types are listed next to course descriptions

### Grade Point Average Scale (GPA)

A (90-100)	B (80-89)	C (70-79)	D (60-69)
<b>4.0</b>	<b>3.0</b>	<b>2.0</b>	<b>1.0</b>

## Class Rank and Honors

The Quality Point System (QPA) will be utilized to compute and determine the rank-in-class of graduating seniors. **(In QPA, Honors course receive an added .5, Accelerated courses receive an added 1.0, and AP/DC courses receive an added 1.5).** Class rank is computed on the basis of quality points using the 5.0 scale, rather than on grade-point average (GPA) 4.0 scale. Grade point averages are unaffected by quality points and will continue to be the report of academic achievement on the high school transcript. Class rank will be determined after the 3<sup>rd</sup> term senior grades are posted. The three students with the highest QPAs after third term of the senior year will be named the Valedictorian, Salutatorian, and Historian. Students with 4.0-4.49 QPAs will graduate with honors, and students with 4.5 and above QPAs will graduate with special honors.

## 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 course work and turn in verification of community services hours 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	Same as our English graduation requirements
Math	Algebra I, Geometry, Algebra II , and Advanced Math Plus or College Algebra
Science	Biology, Chemistry I and two additional science units of comparable rigor <i>(Intro to Biology does not meet the requirement)</i>
Social Studies	Same as our graduation requirements
Arts	Same as our graduation requirements
Foreign Languages	Two credits in the same language ***Student may substitute 2 <sup>nd</sup> foreign language for a 5 <sup>th</sup> Math/Science or student may substitute both foreign languages for any two dual credit classes.

### Additional requirements:

- 80 Hours of Community or Volunteer Service during 4 years of high school
- 19 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.

## 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).

### **These are the course requirements for a Mississippi Scholars Tech Master student:**

(4 Credits) English

(3 Credits) Math - Algebra I, Math above Algebra I, and Geometry

(3 Credits) Science – Biology I and 2 courses above Biology I  
*(Intro to Biology does not meet the requirement)*

(3 Credits) Social Studies - US 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

### **Additional Requirements:**

- 80 community or volunteer service hours
- Minimum of 19 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.

## Diploma Options

Students who enter the 9<sup>th</sup> grade after May of 2018 will have new graduation options. The state has added endorsements to the traditional diploma. Students will also have ACT and GPA requirements that must be met before they can have senior privilege. Senior privilege gives seniors the option of leaving school early.

**The following is a side by side view of the new diploma endorsements:**

Diplomas	Traditional	Trad with Career/Tech	Traditional with Academic	Trad with Distinguished Academic
Credits	24	26	26	30
English	4 (Eng I and II)	4 (Eng I and II)	4(English I, II, III, IV)AP/DC accepted	4(English I, II, III, IV)AP/DC accepted
Math	4 (Alg I)	4 (Alg I)	4 (Alg I and 2 above Alg I)	4 (Alg I and 2 above Alg I)
Science	3 (Bio I)	3 (Bio I)	4 (Biology I and 2 above Bio I)	4 (Biology I and 2 above Bio I)
History	4 (WG/MS/WH/US/Gov't/Econ)	4 (WG/MS/WH/US/Gov't/Econ)	4 (WG/MS/WH/US/Gov't/Econ)	4 (WG/MS/WH/US/Gov't/Econ)
Additional	PE/Health/Art/Tech/CCR	PE/Health/Art/Tech/CCR	PE/Health/Art/Tech/CCR	PE/Health/Art/Tech/CCR
CTE Electives	None required	4 (Must complete a 2 year sequential program)	None required	None required
Electives	5	3	6 (2 must be CPC adv. electives)	10 (2 must be CPC adv. electives )
ACT	Eng - 17/Math-19 (Early Release)	No requirement	Eng - 17/Math-19 (For diploma)	Eng - 18/Math-22 (For diploma)
WorkKeys	Silver Level (Early Release)	Silver Level (For diploma)	No requirement	No requirement
GPA	2.5 (Early Release without ACT)	2.5	2.5	3
Additional	If ACT requirement is not met for early release (not diploma): 2.5 GPA Passed all 4 state tests On track to meet diploma requirements Enrolled in Essentials for Math or Essentials for College Literacy	Requirements for diploma: Work-based learning or Career Pathway Exp. OR Earn a State Board of Education approved National Credential	Requirements for diploma: One AP course with at least a "C" & take the AP test OR One dual credit course with at least a "C"	Requirements for diploma: One AP course with at least a "B" & take the AP test OR One dual credit course with at least a "B"
NOTE: Students can have more than one endorsement. They can be Distinguished Academic and Career/Tech				

All students entering the 9<sup>th</sup> grade will be placed on the Traditional with Academic Endorsement diploma track. After completing two years on the high school campus, the student can decide to add the Career/Technical Endorsement or move up to the Distinguished Academic Endorsement.

Under special circumstances and with the approval of an academic committee, a student can be moved to a Traditional Diploma with no endorsements. The committee would consist of the student, the custodial parent, a counselor, and the principal.

Student's Name \_\_\_\_\_

9<sup>th</sup> grade cohort \_\_\_\_\_

**Traditional Diploma**  
**24 minimum credits**

**ENGLISH (4)**

English 9 \_\_\_\_\_

English 10 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**MATH (4)**

Algebra I \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**SCIENCE (3)**

Biology I \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**SOCIAL STUDIES (4)**

MS Studies \_\_\_\_\_

World Geography \_\_\_\_\_

World History \_\_\_\_\_

US History \_\_\_\_\_

US Gov't \_\_\_\_\_

Economics \_\_\_\_\_

PE (.5) \_\_\_\_\_

HEALTH (.5) \_\_\_\_\_

ART (1) \_\_\_\_\_

TECHNOLOGY/COMP SCI (1) \_\_\_\_\_

COLLEGE/CAREER READINESS (1) \_\_\_\_\_

**ADDITIONAL ELECTIVES (5)**

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\_\_\_\_\_

**Requirements for early release Senior Year:**

- ACT Sub Score – 17 (English) 19 (Math) OR Silver level on ACT WorkKeys

**Alternate option for early release Senior Year:**

- Have a 2.5 GPA
- Passed ALL 4 state tests
- On track to meet diploma requirements
- Be enrolled in Essentials for Math or Essentials for College Literacy

- All entering 9<sup>th</sup> graders will be placed on the Traditional with the Academic Endorsement diploma track.
- A traditional diploma without endorsements requires the signatures of the student, the custodial parent, a counselor, and the principal. This will not be an option until the student completes at least 2 years on the high school campus.



Student's Name \_\_\_\_\_

9<sup>th</sup> grade cohort \_\_\_\_\_

## Traditional Diploma with Career and Technical Endorsement

26 minimum credits

## ENGLISH (4)

English 9 \_\_\_\_\_

English 10 \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

## MATH (4)

Algebra I \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## SCIENCE (3)

Biology I \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

## SOCIAL STUDIES (4)

MS Studies \_\_\_\_\_

World Geography \_\_\_\_\_

World History \_\_\_\_\_

US History \_\_\_\_\_

US Gov't \_\_\_\_\_

Economics \_\_\_\_\_

PE (.5) \_\_\_\_\_

HEALTH (.5) \_\_\_\_\_

ART (1) \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

TECHNOLOGY/COMP SCI (1) \_\_\_\_\_

COLLEGE/CAREER READINESS (1) \_\_\_\_\_

## CTE ELECTIVES (4)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## ADDITIONAL ELECTIVES (3)

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\_\_\_\_\_  
\_\_\_\_\_

Must meet following Requirements for this diploma:

- Overall GPA – 2.5
- Earn Silver Level on ACT WorkKeys
- Work-Based Learning Experience or Career Pathway Experience OR Earn a State Board of Education approved National Credential

## Requirements for Additional Distinctions:

## MS SCHOLARS COURSEWORK

English I-IV \_\_\_\_\_

Algebra 2 \_\_\_\_\_

Geometry \_\_\_\_\_

Adv Math Plus/College Alg \_\_\_\_\_

Chemistry \_\_\_\_\_

Lab Science (Above Bio I) \_\_\_\_\_

Lab Science (Above Bio I) \_\_\_\_\_

Foreign Language I \_\_\_\_\_

Foreign Lang II/5<sup>th</sup> Math/Science \_\_\_\_\_

Any 2 DC classes \_\_\_\_\_/\_\_\_\_\_

World Geography \_\_\_\_\_

## MS TECH MASTER COURSEWORK

4 Credits of English \_\_\_\_\_

3 Credits of Math \_\_\_\_\_

Math above Alg I \_\_\_\_\_

Math above Alg I \_\_\_\_\_

Lab Science (Above Bio I) \_\_\_\_\_

Lab Science (Above Bio I) \_\_\_\_\_

4 CTE Credits in same area of study \_\_\_\_\_

CTE course \_\_\_\_\_

CTE course \_\_\_\_\_

## Additional Requirements for MS Scholar/Tech Master

80 hours community service \_\_\_\_\_

18 ACT/36 ASVAB/Silver Work Keys \_\_\_\_\_

2.5 GPA on 4.0 scale \_\_\_\_\_

95% attendance \_\_\_\_\_

3 letters of rec (4 in-school suspensions) \_\_\_\_\_

NO out of school suspensions \_\_\_\_\_

## HELP Grant

English I-IV \_\_\_\_\_

Alg I \_\_\_\_\_

Math above Alg I \_\_\_\_\_

Math above Alg I \_\_\_\_\_

Biology I \_\_\_\_\_

Lab Science (Above Bio I) \_\_\_\_\_

Lab Science (Above Bio I) \_\_\_\_\_

3 Credits of Social Studies \_\_\_\_\_

Foreign Language I&amp;II or or 2 Advanced Elec \_\_\_\_\_

Additional Advanced Elective \_\_\_\_\_

20 ACT Composite Score \_\_\_\_\_

2.5 GPA on 4.0 scale \_\_\_\_\_

Student's Name \_\_\_\_\_

9<sup>th</sup> grade cohort \_\_\_\_\_

**Traditional Diploma with Academic Endorsement**  
26 minimum credits

**ENGLISH (4)**

English 9 \_\_\_\_\_  
 English 10 \_\_\_\_\_  
 English 11/AP/or DC \_\_\_\_\_  
 English 12/AP/or DC \_\_\_\_\_

**MATH (4)**

Algebra I \_\_\_\_\_  
 Algebra II \_\_\_\_\_  
 Geometry \_\_\_\_\_  
 \_\_\_\_\_

**SCIENCE (4)**

Biology I \_\_\_\_\_  
 (Above Bio I) \_\_\_\_\_  
 (Above Bio I) \_\_\_\_\_  
 \_\_\_\_\_

**SOCIAL STUDIES (4)**

MS Studies \_\_\_\_\_  
 World Geography \_\_\_\_\_  
 World History \_\_\_\_\_  
 US History \_\_\_\_\_  
 US Gov't \_\_\_\_\_  
 Economics \_\_\_\_\_

**PE (.5)**

**HEALTH (.5)** \_\_\_\_\_  
**ART (1)** \_\_\_\_\_  
 \_\_\_\_\_

**TECHNOLOGY/COMP SCI (1)**

**COLLEGE/CAREER READINESS (1)** \_\_\_\_\_

**ADDITIONAL ELECTIVES (6)**

\_\_\_\_\_ (CPC Adv. Elect.) \_\_\_\_\_  
 \_\_\_\_\_ (CPC Adv. Elect.) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Must meet following Requirements:**

- Overall GPA – 2.5
- ACT Sub Scores: 17 (English) 19 (Math)
- One AP course with a "C" or higher and take the appropriate AP exam OR one dual credit course with a "C" or higher

**Requirements for Additional Distinctions:****MS SCHOLARS COURSEWORK**

English I-IV \_\_\_\_\_  
 Algebra 2 \_\_\_\_\_  
 Geometry \_\_\_\_\_  
 Adv Math Plus/College Alg \_\_\_\_\_  
 Chemistry \_\_\_\_\_  
 Lab Science (Above Bio I) \_\_\_\_\_  
 Lab Science (Above Bio I) \_\_\_\_\_  
 Foreign Language I \_\_\_\_\_  
 Foreign Lang II/5<sup>th</sup> Math/Science \_\_\_\_\_  
 Any 2 DC classes \_\_\_\_\_/\_\_\_\_\_  
 World Geography \_\_\_\_\_  
 80 hours community service \_\_\_\_\_  
 18 ACT Composite Score \_\_\_\_\_  
 2.5 GPA on 4.0 scale \_\_\_\_\_  
 95% attendance \_\_\_\_\_  
 3 letters of rec (4 in-school suspensions) \_\_\_\_\_  
 NO out of school suspensions \_\_\_\_\_

**MS TECH MASTER COURSEWORK**

4 Credits of English \_\_\_\_\_  
 3 Credits of Math \_\_\_\_\_  
 Math above Alg I \_\_\_\_\_  
 Math above Alg I \_\_\_\_\_  
 Lab Science (Above Bio I) \_\_\_\_\_  
 Lab Science (Above Bio I) \_\_\_\_\_  
 4 CTE Credits in same area of study \_\_\_\_\_  
 CTE course \_\_\_\_\_  
 CTE course \_\_\_\_\_  
 80 hours community service \_\_\_\_\_  
 18 ACT/36 ASVAB/Silver Work Keys \_\_\_\_\_  
 2.5 GPA on 4.0 scale \_\_\_\_\_  
 95% attendance \_\_\_\_\_  
 3 letters of rec (4 in-school suspensions) \_\_\_\_\_  
 NO out of school suspensions \_\_\_\_\_

**HELP**

English I-IV \_\_\_\_\_  
 Alg I \_\_\_\_\_  
 Math above Alg I \_\_\_\_\_  
 Math above Alg I \_\_\_\_\_  
 Biology I \_\_\_\_\_  
 Lab Science (Above Bio I) \_\_\_\_\_  
 Lab Science (Above Bio I) \_\_\_\_\_  
 3 Credits of Social Studies \_\_\_\_\_  
 Foreign Language I&II or or 2 Advanced Elec \_\_\_\_\_  
 Additional Advanced Elective \_\_\_\_\_  
 20 ACT Composite Score \_\_\_\_\_  
 2.5 GPA on 4.0 scale \_\_\_\_\_

Student's Name \_\_\_\_\_

9<sup>th</sup> grade cohort \_\_\_\_\_

**Traditional Diploma with Distinguished Academic Endorsement**  
**30 minimum credits**

**ENGLISH (4)**

English 9 \_\_\_\_\_  
 English 10 \_\_\_\_\_  
 English 11/AP/or DC \_\_\_\_\_  
 English 12/AP/or DC \_\_\_\_\_

**MATH (4)**

Algebra I \_\_\_\_\_  
 Algebra II \_\_\_\_\_  
 Geometry \_\_\_\_\_  
 \_\_\_\_\_

**SCIENCE (4)**

Biology I \_\_\_\_\_  
 (Above Bio I) \_\_\_\_\_  
 (Above Bio I) \_\_\_\_\_  
 \_\_\_\_\_

**SOCIAL STUDIES (4)**

MS Studies \_\_\_\_\_  
 World Geography \_\_\_\_\_  
 World History \_\_\_\_\_  
 US History \_\_\_\_\_  
 US Gov't \_\_\_\_\_  
 Economics \_\_\_\_\_

**PE (.5)**

HEALTH (.5) \_\_\_\_\_

ART (1) \_\_\_\_\_

**TECHNOLOGY/COMP SCI (1)**

COLLEGE/CAREER READINESS (1) \_\_\_\_\_

**ADDITIONAL ELECTIVES (10)**

\_\_\_\_\_ (CPC Adv Elect.) \_\_\_\_\_

\_\_\_\_\_ (CPC Adv Elect.) \_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Must meet following Requirements for this diploma:**

- Overall GPA – 3.0
- ACT Sub Scores: 18 (English) 22 (Math)
- One AP course with a "B" or higher and take the appropriate AP exam OR one dual credit course with a "B" or higher

**Requirements for Additional Distinctions:****MS SCHOLARS COURSEWORK**

English I-IV \_\_\_\_\_  
 Algebra 2 \_\_\_\_\_  
 Geometry \_\_\_\_\_  
 Adv Math Plus/College Alg \_\_\_\_\_  
 Chemistry \_\_\_\_\_  
 Lab Science (Above Bio I) \_\_\_\_\_  
 Lab Science (Above Bio I) \_\_\_\_\_  
 Foreign Language I \_\_\_\_\_  
 Foreign Lang II/5<sup>th</sup> Math/Science \_\_\_\_\_  
 Any 2 DC classes \_\_\_\_\_/\_\_\_\_\_  
 World Geography \_\_\_\_\_

**MS TECH MASTER COURSEWORK**

4 Credits of English \_\_\_\_\_  
 3 Credits of Math \_\_\_\_\_  
 Math above Alg I \_\_\_\_\_  
 Math above Alg I \_\_\_\_\_  
 Lab Science (Above Bio I) \_\_\_\_\_  
 Lab Science (Above Bio I) \_\_\_\_\_  
 4 CTE Credits in same area of study \_\_\_\_\_  
 CTE course \_\_\_\_\_  
 CTE course \_\_\_\_\_

**Additional Requirements for MS Scholar/Tech Master**

80 hours community service \_\_\_\_\_  
 18 ACT/36 ASVAB/Silver Work Keys \_\_\_\_\_  
 2.5 GPA on 4.0 scale \_\_\_\_\_  
 95% attendance \_\_\_\_\_  
 3 letters of rec (4 in-school suspensions) \_\_\_\_\_  
 NO out of school suspensions \_\_\_\_\_

**HELP Grant**

English I-IV \_\_\_\_\_  
 Alg I \_\_\_\_\_  
 Math above Alg I \_\_\_\_\_  
 Math above Alg I \_\_\_\_\_  
 Biology I \_\_\_\_\_  
 Lab Science (Above Bio I) \_\_\_\_\_  
 Lab Science (Above Bio I) \_\_\_\_\_  
 3 Credits of Social Studies \_\_\_\_\_  
 Foreign Language I&II or 2 Advanced Elec \_\_\_\_\_  
 Additional Advanced Elective \_\_\_\_\_  
 20 ACT Composite Score \_\_\_\_\_  
 2.5 GPA on 4.0 scale \_\_\_\_\_

## LANGUAGE ARTS

**Important information:** The curriculum in English is established by the Mississippi Department of Education and is taught in a natural scope and sequence. **Four complete units are required for graduation from high school.** English must be taken in sequence and students will not be permitted to take two levels concurrently. Students will be allowed to take only one required English course per year except in cases of remediation (with counselor approval). Students who desire to take English during both terms are encouraged to consider the English electives offered.

### ENGLISH I

1 Credit      Grade 9      REGULAR

This course focuses primarily on grammar, vocabulary, usage, mechanics, and the development of writing skills including a research component in preparation for the English 10 state test. Approximately one third of the course is devoted to literature with students being required to read Shakespeare's *Romeo and Juliet*.

### \*\*\*\*HONORS ENGLISH I

1 Credit      Grade 9      HONORS      (.5 added to Quality Points)

All students will be placed in a regular English I class. A student can earn the honors credit and the added quality points by completing designated outside assignments. Honors English I and the added quality points will be placed on the transcript at the end of the semester when all requirements have been met.

### PRE AP ENGLISH I      Student Interest/Recommendation Form Required

1 Credit      Grade 9      ACCELERATED      (1.0 added to Quality Points)

Pre-AP English 1 focuses on the close reading, analytical writing, and language skills that have immediate relevance for students and that will be essential for their future coursework.

### WORLD LITERATURE/ENGLISH II (Yearlong)

2 Credits      Grade 10      REGULAR

This course focuses primarily on grammar, vocabulary, usage, mechanics, and the development of writing skills including a research component. Approximately one third of the course is devoted to literature with students being required to read a novel, a selection of short stories, as well as several non-fiction selections. **Prerequisite:** Successful completion of English 9. **A grade of Pass on the English 10 subject area test is a requirement for graduation.**

### ENGLISH II

1 Credit      Grade 10      REGULAR

This course is for achievement-oriented students who will be required to read several novels outside of class, write various types of essays including a research component, and take comprehensive grammar and literature tests. **A grade of Pass on the English 10 subject area test is a requirement for graduation.**

### \*\*\*\*HONORS ENGLISH II

1 Credit      Grade 10      HONORS      (.5 added to Quality Points)

All students will be placed in a regular English II class. A student can earn the honors credit and the added quality points by completing designated outside assignments. Honors English II and the added quality points will be placed on the transcript at the end of the semester when all requirements have been met.

### PRE AP ENGLISH II      Student Interest/Recommendation Form Required

1 Credit      Grade 10      ACCELERATED      (1.0 added to Quality Points)

English 2 spotlights the recursive moves that matter in preparing students for the rigors of college-level reading and writing. While English 1 introduces the foundational routines of close observation, critical analysis, and appreciation of author's craft, English 2 requires students to apply those same practices to a new host of complex texts—the types of texts they will soon encounter in AP English courses, college classes, and on the SAT.

### Survey of Ethnic Writing

1 Credit      Grade 9-12      REGULAR

This English elective focuses on the writings and writing styles of different cultures and ethnic groups throughout history.

**ENGLISH III**

1 Credit      Grade 11      REGULAR

This course focuses primarily on grammar, vocabulary, spelling, usage, mechanics, and the development of written including a research component. The literary focus is on American literature consisting of an historical survey from the first settlers of the United States to, and including, the Twentieth Century. Included are representative authors and their works, historical period, literary periods, and movements, and various literary terms and techniques. A research paper is required. **Prerequisite: Successful completion of English 9 and 10.**

**\*\*\*\*HONORS ENGLISH III**

1 Credit      Grade 11      HONORS      (.5 added to Quality Points)

All students will be placed in a regular English III class. A student can earn the honors credit and the added quality points by completing designated outside assignments. Honors English III and the added quality points will be placed on the transcript at the end of the semester when all requirements have been met.

**AP ENGLISH III LANGUAGE & COMPOSITION**

Student Interest/Recommendation Form Required

1 Credit      Grade 11      ADVANCED PLACEMENT/DUAL CREDIT      (1.5 added to Quality Points)

This course is designed in accordance to College Board objectives to help students become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and to become skilled writers who can compose for a variety of purposes. By their writing and reading in this course, students should become aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way generic conventions and the resources of language contribute to effective writing. *There will be a mandatory meeting in May.* Completion of a Pre-assignment to be completed prior to the first day of class with a grade of 75% or better including the reading of *The Scarlet Letter* and *The Adventures of Huckleberry Finn*. If a student fails to complete the pre-assignment, he or she may be transferred to a non-advanced class. **Prerequisite: Successful completion of English 9 and 10.**

**ENGLISH IV**

1 Credit      Grade 12      REGULAR

This course focuses on composition, grammar, vocabulary, spelling and mechanics. The literary focus in this class is British literature with a concentration on the Old English, Middle English, and Renaissance periods. A research project is required. **Prerequisite: Successful completion of English 9, 10, and 11.**

**\*\*\*\*HONORS ENGLISH IV**

1 Credit      Grade 12      HONORS      (.5 added to Quality Points)

All students will be placed in a regular English IV class. A student can earn the honors credit and the added quality points by completing designated outside assignments. Honors English IV and the added quality points will be placed on the transcript at the end of the semester when all requirements have been met.

**AP ENGLISH IV LITERATURE & COMPOSITION**

Student Interest/Recommendation Form Required

1 Credit      Grade 12      ADVANCED PLACEMENT/DUAL CREDIT      (1.5 added to Quality Points)

This course includes intensive study of representative works from various genres and period, concentration on works of recognized literary merit. Selections include readings from both British and American writers from the 16<sup>th</sup> century to contemporary times. Writing is an integral part of the course, and instruction is given on the various types of academic writing. A thorough review of the fundamentals of English grammar is included on the course. Completion of a Pre-assignment to be completed prior to the first day of class with a grade of 75% or better. If a student fails to complete the pre-assignment, he or she may be transferred to a non-advanced class. **Prerequisite: Successful completion of English 9, 10, 11.**

**ESSENTIALS FOR COLLEGE LITERACY**

1 Credit      Grade 12      REGULAR

This course is designed to reinforce literary and writing skills that students need in order to be successful in an English Composition I. This course counts as one of the English credits required for graduation. It is for senior students who have an ACT English sub score of 15-18. With an 80 or above in this course, IHL will accept this course in lieu of remedial college courses. (Subject to MDE/ IHL changes).

**SREB LITERACY READY**

1 Credit      Grade 12      REGULAR

This course is designed to reinforce literary and writing skills that students need in order to be successful in an English Composition I. This course counts as one of the English credits required for graduation. It is for senior students who have an ACT English sub score below 15.

**DC ENGLISH COMPOSITION I**

1 Credit High School/3 College Hours Grade 11-12 **ADAVANCED PLACEMENT/DUAL CREDIT** (1.5 added to Quality Points)  
 Eligible juniors may take this course and receive credit for English III as well as college credit for English Composition I. Eligible seniors may take this course and receive credit for English IV as well as college credit for English Composition I. This is a college level course, so students should expect rigor in the course. Excellent attendance is necessary for success. English Composition I is designed to prepare the student for writings required in college and the workplace with an emphasis on effective paragraph and essay development. **Prerequisites: Must meet MGCCC enrollment qualifications. Must be a junior with an ACT English sub score of 17 and at least a 3.0 GPA.**

**DC ENGLISH COMPOSITION II**

1 Credit High School/3 College Hours Grade 12 **ADAVANCED PLACEMENT/DUAL CREDIT** (1.5 added to Quality Points)  
 Eligible seniors may take this course and receive their fourth English credit. This is a college level course, so students should expect rigor in the course. Excellent attendance is necessary for success. **Prerequisites: Must have taken and passed DC English Comp I. Must meet MGCCC enrollment qualifications. Must be a junior with a minimum ACT score of 20 and at least a 3.0 GPA.**

**ORAL COMMUNICATION (Broadcast I)** Application Required

1 Credit Grade 10-12 **REGULAR** Semester 1  
 Emphasis in this course will be placed on the student's ability to think logically, clearly, and creatively to better understand themselves as communicators. This course will concentrate on teaching a student to communicate through interpersonal, listening, self-concept, voice and diction, and public speaking skills. **See Mrs. Harkleroad.**

**BROADCAST JOURNALISM (Broadcast II)** Application Required

1 Credit Grade 10-12 **REGULAR** Semester 2  
 This course provides the student 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. **See Mrs. Harkleroad.**

**DEBATE**

.5 Credit Grade 10-12 **REGULAR**  
 This course provides instruction in how to acquire, analyze, and evaluate information in order to organize effective arguments, and it provides practice in making those arguments.

**CREATIVE WRITING**

.5 Credit Grade 9-12 **REGULAR**  
 Students will compose poems, personal descriptive and narrative essays, and short fiction. This course affords an opportunity for self-expression, promotes critical thinking, expands the imagination, and develops the use of figurative and literal language.

**TECHNICAL WRITING**

.5 Credit Grade 10-12 **REGULAR**  
 This course focuses on the variety of written communication currently occurring in a variety of workplaces and careers. **This class is available by counselor placement ONLY.**

**MISSISSIPPI WRITERS**

.5 Credit Grade 10-12 **REGULAR**  
 The Mississippi Writers course focuses on the state's rich literary heritage through the study of poetry, fiction, nonfiction, and drama. Group discussions, individual presentations, and writing experiences are suggested for this course. **This class is available by counselor placement ONLY.**

**FOUNDATIONS OF JOURNALISM (YEARBOOK I)** Application Required

1 Credit Grade 10-12 **REGULAR** Semester 1  
 This course will introduce the student to basic journalism terminology, interviewing and researching techniques, news and feature writing, as well as yearbook layout and copy writing. The student will develop skills in using photography and computer equipment for publication and will produce the school yearbook. **See Mrs. Kuehn.**

**PRINT JOURNALISM (YEARBOOK II)** Application Required

1 Credit Grade 10-12 **REGULAR** Semester 2  
 This course is a continuation of journalism lab 1. **See Mrs. Kuehn.**



**ORAL COMMUNICATIONS (PUBLIC SPEAKING)**

.5 Credit      Grade 9-12      REGULAR

This course provides students with instruction in how to acquire, analyze, and evaluate information in order to organize effective speeches and practice in making those speeches. This course will also enhance the students' listening and overall communication skills. Limited sections of this course will be offered.

**MYTHOLOGY**

.5 Credit      Grade 10-12      REGULAR

Mythology is a survey of ancient Greek and Roman stories about heroes, gods, and the universe. It illustrates the influence of these **myths** on art, literature, and culture of the modern world.

**MATHEMATICS**

*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.

**ALGEBRA I (1 semester)**

1 Credits      Grade 9      REGULAR

**(For students who score High Proficient & Advanced on MAP Test)** This course presents basic concepts of elementary algebra. It covers algebraic equations, rational numbers, functions, problem solving, graphing, exponents, radical expressions. **Required for graduation. PASS score on State Tested Subject.**

**ESSENTIALS FOR HIGH SCHOOL MATH/FOUNDATIONS OF ALGEBRA (Yearlong)**

2 Credits      Grade 9      REGULAR

**(For students who score Basic or Minimum on MAP Test)**

This course presents basic concepts of elementary algebra. It covers algebraic equations, rational numbers, functions, problem solving, graphing, exponents, radical expressions. **Students who score Basic or Minimum on the 8<sup>th</sup> grade state test will be placed in this class.**

**FOUNDATIONS OF ALGEBRA/ALGEBRA I (Yearlong)**

2 Credits      Grade 9      REGULAR

**(For students who score Low Proficient on MAP Test)**

This course presents basic concepts of elementary algebra. It covers algebraic equations, rational numbers, functions, problem solving, graphing, exponents, radical expressions. **Required for graduation. PASS score on State Tested Subject. Students who score Low Proficient on the 8<sup>th</sup> grade state test will be placed in this class.**

**ALGEBRA II**

1 Credit      Grade 9-12      REGULAR

This course deals with a wide variety of topics such as number operations, radical and rational exponents, patterns, functions, and systems of equations. Students will learn to apply algebraic method to real life situations. **Prerequisite: Algebra 1. Required for graduation.**

**HONORS ALGEBRA II**

Student Interest/Recommendation Form Required

1 Credit      Grade 9-12      HONORS      (.5 added to Quality Points)

This course includes all of the same topics covered in Algebra II, but in greater detail and at a more intense pace. 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. **Prerequisite: Algebra 1. Required for graduation.**

**GEOMETRY**

1 Credit      Grade 9-12      REGULAR

This course provides experiences that increase the students understanding of shapes and their properties with an emphasis on wide applicability in life situations. Application of previously learned algebraic skills, logic, and development of deductive and inductive reasoning skills are utilized as students explore the representation of problem situations. **Prerequisite: Algebra 1. Required for graduation.**

**HONORS GEOMETRY**

Student Interest/Recommendation Form Required

1 Credit      Grade 9-12      HONORS      (.5 added to Quality Points)

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. **Prerequisite: Algebra 1. Required for graduation.**

**ADVANCED MATH PLUS CCSS****(Advanced Alg. /Trigonometry)**

1 Credit      Grade 10-12      ACCELERATED      (1.0 added to Quality Points)

The advanced algebra course serves as an extension of algebraic and geometric skills, combining a foundation for success in pre-calculus. Emphasis is placed on matrices, functions, polynomial equations, and conics. The study of trigonometry extends algebraic skills to the exploration of circular and triangular functions with their properties and graphs. Emphasis is placed on finding missing parts of triangles, proving identities, and solving trigonometric equations. **Prerequisites: Algebra 1, Algebra 2, Geometry**

**ALGEBRA III****(Pre-Cal, Discrete Math, Statistics)**

1 Credit      Grade 10-12      ACCELERATED      (1.0 added to Quality Points)

This course serves as a bridge between advanced mathematics courses and calculus and increases analysis skills, which enhance success in calculus while including Statistics. Emphasis is placed on advance algebra, limits and derivatives. Discrete Math will focus on topics of logic, set and graph theory, induction, recursion, and combinatorics in applications suited for further studies in mathematics, computer science, engineering and/or networking. **Prerequisite: Advanced Math Plus CCSS.**

**CALCULUS**

1 Credit      Grade 11-12      ACCELERATED      (1.0 added to Quality Points)

Calculus is the study of the mathematics of change. The major focus is on differential and integral calculus. The use of graphing calculators and other technologies are major components of the course. The instructional approach should provide opportunities for students to work together collaboratively and cooperatively as they solve routine and non-routine problems. Communication strategies should include reading, writing, speaking, and critical listening as students present and evaluate mathematical arguments, proofs, and explanations about their reasoning. This one-credit course is designed for the student who has a thorough knowledge of college preparatory mathematics. **Prerequisite: Advanced Math Plus CCSS.**

**ESSENTIALS FOR COLLEGE MATH**

1 Credit      Grade 12      REGULAR

This course is designed to reinforce math skills that students need in order to be successful in a college algebra class. It is designed for senior students with an ACT math sub score of 15-18. This course counts as one of the math credits required for graduation that is higher than Algebra I. If a student earns an 80 or above in this course, IHL will accept this course in lieu of a remedial college (subject to MDE/ IHL changes).

**SREB MATH READY**

1 Credit      Grade 12      REGULAR

This course is designed to reinforce math skills that students need in order to be successful in a college algebra class. It is designed for senior students with an ACT sub score below 15. This course counts as one of the math credits required for graduation that is higher than Algebra I.

**AP CALCULUS AB**

Student Interest/Recommendation Form Required

1 Credit      Grade 11-12      ADVANCED PLACEMENT/DUAL CREDIT      (1.5 added to Quality Points)

The Advanced Placement Calculus course is intended for those students who seek college credit and/or placement from institutions of higher learning. Topics such as differentiation, integration, will be covered in this course. **Prerequisites: Advanced Math Plus CCSS and Calculus.**

**AP STATISTICS**

Student Interest/Recommendation Form Required

1 Credit      Grade 11-12      ADVANCED PLACEMENT/DUAL CREDIT      (1.5 added to Quality Points)

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1.Exploring Data: Describing patterns and departures from patterns, 2.Sampling and Experimentation: Planning and conducting a study, 3.Anticipating Patterns: Exploring random phenomena using probability and simulation, 4. Statistical Inference: Estimating population parameters and testing hypotheses. **Prerequisites: Advanced Math Plus CCSS.**



**DC COLLEGE ALGEBRA**

1 Credit High School/3 College Hours Grade 11-12 ADVANCED PLACEMENT/DUAL CREDIT (1.5 added to Quality Points)

Eligible juniors and seniors may take this course and receive a high school math credit as well as college credit for College Algebra. This is a college level course, so students should expect rigor in the course. Excellent attendance is necessary for success. 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. **Prerequisites: Must meet MGCCC enrollment qualifications. Must be a junior with an ACT Math sub score of 19 and at least a 3.0 GPA.**

**DC COLLEGE TRIGONOMETRY**

1 Credit High School/3 College Hours Grade 11-12 ADVANCED PLACEMENT/DUAL CREDIT (1.5 added to Quality Points)

This course includes trigonometric functions and their graphs; trigonometric identities; trigonometric equations; radian measurement; solutions of right and oblique triangles; inverse trigonometric functions; applications. **Prerequisites: Must meet MGCCC enrollment qualifications. Must be a junior with a minimum ACT score of 20, an ACT math sub score of 20, and at least a 3.0 GPA. Must have taken Algebra I, Algebra II, and Geometry.**

**SCIENCES****FOUNDATIONS OF SCIENCE LITERACY/ENVIRONMENTAL SCIENCE**

.5 Credit/.5 Credit Grade 9 REGULAR

This course will introduce students to scientific principles needed to be successful in Foundations to Biology and Biology I. Students will be placed in this class based on 8<sup>th</sup> grade state test scores, 8<sup>th</sup> grade final grades, and teacher recommendations.

**FOUNDATIONS TO BIOLOGY**

1 Credit Grade 9 REGULAR

This course will provide students with a survey of Biology with an emphasis on the methods of science. This course is designed for students who require additional exposure in the scientific principles and in order to get more Biology I exposure.

**BIOLOGY I**

1 Credit Grade 9-11 REGULAR

This is a lab-based science. Students must pass the state subject area test for graduation. This is an introductory, lab-based course designed to relate basic information of living organisms, and 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 are the focus of content. **First time 9<sup>th</sup> graders must score Proficient/Advanced on MAP Test to bypass Foundation to Biology and go straight into Biology I. Biology I subject area test (passed) required for graduation. \*\*\*\*Required course for MS Scholars\*\*\*\***

**\*\*\*\*HONORS BIOLOGY**

1 Credit Grade 9-10 HONORS (.5 added to Quality Points)

All students will be placed in a regular Biology I class. A student can earn the honors credit and the added quality points by completing designated outside assignments. Honors Biology I and the added quality points will be placed on the transcript at the end of the semester when all requirements have been met.

**CHEMISTRY**

1 Credit Grade 10-12 HONORS (.5 added to Quality Points)

This is a lab-based course that investigates the properties and reactions of matter. Major areas of study include the metric system and scientific notation; symbols, formulas, and nomenclature; chemical equations; gas laws; kinetic molecular theory; chemical bonding; acid-base chemistry; chemical equilibrium; and oxidation-reduction reactions. Inductive and deductive thinking skills will be emphasized. **Prerequisite: Biology I and Algebra 2. \*\*\*\* Required course for MS Scholars.**

**HONORS CHEMISTRY**

1 Credit Grade 10-12 ACCELERATED (1.0 added to Quality Points)

All students will be placed in a regular Chemistry class. A student can earn the honors credit and the added quality points by completing designated outside assignments. Honors Chemistry and the added quality points will be placed on the transcript at the end of the semester when all requirements have been met. **Prerequisite: Biology I and Algebra 2.**

**EARTH SPACE SCIENCE**

1 Credit      Grade 10-12      REGULAR

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. **Prerequisites: Biology I.**

**PHYSICAL SCIENCE**

1 Credit      Grade 10-12      REGULAR

This course provides opportunities for students to develop and communicate an understanding of physics and chemistry through lab-based activities, mathematical expressions, and concept exploration. Concepts covered in this course include structure of matter, chemical and physical properties and changes, kinematics, dynamics, energy, waves, electromagnetic spectrum, electricity, and magnetism. **Prerequisite: Algebra I & Biology I**

**AP ENVIRONMENTAL SCIENCE**      Student Interest/Recommendation Form Required

1 Credit      Grade 11-12      ADVANCED PLACEMENT/DUAL CREDIT      (1.5 added to Quality Points)

**(Tentative)** The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. . **Prerequisite:**

**2 Lab-based Sciences & Algebra I.****MARINE AQUATICS SCIENCE I/MARINE AQUATICS SCIENCE II**

.5/.5 Credit      Grade 10-12      HONORS      (.5 added to Quality Points)

This course is lab-based and field-based course that investigates the bio-diversity of salt water and fresh water organisms, including their interactions with the physical and chemical environment. The special characteristics of aquatic organisms and their environments will be explored. Human impact and use of aquatic resources will also be examined. **Prerequisite: Biology I**

**ZOOLOGY I/ZOOLOGY II**

.5/.5 Credit      Grade 10-12      HONORS      (.5 added to Quality Points)

Zoology will survey the nine major phyla of the Animal Kingdom. Morphology, taxonomy, anatomy, and physiology will be investigated. Comparative studies may be addressed during laboratory observations and dissections. **Prerequisite: Biology I.**

**HUMAN ANATOMY AND PHYSIOLOGY**

1 Credit      Grade 10-12      ACCELERATED      (1.0 added to Quality Points)

This is a lab-based course that investigates that structure and function of the human body. Topics covered will include that role of tissues in the body, homeostatic mechanisms, and introductory embryology. Relationships between major body systems will be emphasized along with effects of drugs, nutrition, diseases, and biotechnological advances on certain systems. **Prerequisites: Chemistry I and/or Medical Programs I.**

**PHYSICS**

1 Credit      Grade 10-12      ACCELERATED      (1.0 added to Quality Points)

This course provides opportunities for students to develop and communicate an understanding of matter and energy through lab-based activities, mathematical expressions, and concept exploration. Concepts covered in this course include kinematics, dynamics, energy, mechanical and electromagnetic waves, and electricity. Laboratory activities, research, the use of technology, and the effective communication of results through various methods are integral components of this course. **Prerequisite: Biology and Algebra 2.**

**BOTANY**

.5 Credit      Grade 10-12      HONORS      (.5 added to Quality Points)

*Botany* is a laboratory-based course applying basic biological principles to the study of plants. Topics studied include morphological characteristics of each division and variation in their reproduction, taxonomy, and physiology. 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.**

**GENETICS**

.5 Credit      Grade 10-12      ACCELERATED      (1.0 added to Quality Points)

*Genetics* is a laboratory-based course that will explore the principles of classical and molecular genetics including the relationship between traits and patterns of inheritance within organisms. Population genetics, genetic variations among individuals, and applications of modern advances in genetics will be investigated. 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.**

**AP BIOLOGY**

1 Credit      Grade 11-12      ADVANCED PLACEMENT/DUAL CREDIT      (1.5 added to Quality Points)

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 is a college level course designed to prepare students for the AP Biology assessment. **Encouraged Pre-requisites/Co-requisites: Chemistry**

**AP CHEMISTRY**

1 Credit      Grade 11-12      ADVANCED PLACEMENT/DUAL CREDIT      (1.5 added to Quality Points)

AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through at least 16 hands-on, inquiry-based lab investigations and use chemical calculations to solve problems as they explore the four big ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy. In this course, students will learn about the fundamental concepts of chemistry including structure and states of matter, intermolecular forces, and reactions. Additional topics to be covered that are not covered in regular Chemistry include: Kinetics, Thermodynamics, Equilibrium, and Acids & Bases. **Prerequisites: Algebra II and Chemistry**

**SOCIAL STUDIES**

*A minimum of 4 Social Studies credits are required for graduation.*

**MISSISSIPPI STUDIES**

.5 Credit      Grade 9-12      REGULAR

This course is an overview of the history of Mississippi. **Required for graduation.**

**WORLD GEOGRAPHY**

.5 Credit      Grade 9-12      REGULAR

This course provides an overview of the geographical features of the world. This course provides an overview of the geographic features of the world. The primary focus is to provide instruction of map locations, both physical and political. Students will also learn basic cultural elements of the world's regions. **Required for graduation.**

**WORLD HISTORY**

1 Credit      Grade 10      REGULAR

This survey course covers world history from ancient civilizations through present day. The focus is on ancient civilizations, major world religions, the growth of European civilization, world industrialization and its effect, 20<sup>th</sup> century crises, and the trend toward a global civilization. **Required for graduation**

**HONORS WORLD HISTORY**

Student Interest/Recommendation Form Required

1 Credit      Grade 10      HONORS      (.5 added to Quality Points)

This course includes all of the same topics covered in World History, but in greater detail and at a more intense pace. This survey course covers world history from ancient civilizations through present day. The focus is on ancient civilizations, major world religions, the growth of European civilization, world industrialization and its effect, 20<sup>th</sup> century crises, and the trend toward a global civilization.

**U.S. HISTORY**

1 Credit      Grade 11      REGULAR

This course provides an overview of U.S. History from Reconstruction to the present. The emphasis will be placed on the internal social, political, and economical development of the United States. This course will also focus on the country's growth into a world power and the role of the U. S.

in global civilization. Course credit required for graduation. **Required for graduation. U.S. HISTORY SUBJECT AREA TEST (PASSED) REQUIRED FOR GRADUATION.**

### African American Studies

1 Credit      Grade 10-12      REGULAR

An elective course that examines the history and culture of the African-American experience, including an analysis of the unique historical, cultural, and social developments from the Middle Passage to the present day in global civilization.

### HONORS U.S. HISTORY

Student Interest/Recommendation Form Required

1 Credit      Grade 11      HONORS      (.5 added to Quality Points)

This course includes all of the same topics covered in US History, but in greater detail and at a more intense pace. This course provides an overview of U.S. History from Reconstruction to the present. The emphasis will be placed on the internal social, political, and economical development of the United States. This course will also focus on the country's growth into a world power and the role of the U. S. in global civilization. Course credit required for graduation.

### PRE AP US HISTORY/AP US HISTORY

Student Interest/Recommendation Form Required

2 Credits      Grade 10-11      ACCELERATED & ADVANCED PLACEMENT/DUAL CREDIT      (1.0/1.5 added to Quality Points)

The scope of this course covers U.S. history from 1600 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. Many colleges grant college credit to students who make acceptable scores on the AP exams. Classes will feature lecture, discussion, extensive outside readings, objective and essay tests.

### SURVEY OF WORLD RELIGION

1 Credit      Grade 10-12      HONORS      (.5 added to Quality Points)

This course is a critical survey of the world's major religions including, but not limited to, Hinduism, Buddhism, Taoism, Confucianism, Christianity, Judaism, and Islam. Both the philosophical and socio-cultural manifestations of these religions will be studied. Particular attention will be given to the basic tenets, history, values, and impact of each religion on the development of the major world civilizations. Academics and others who study the humanity have noted that the practice of religion throughout the world has shaped history, cultures, world economics and politics, and social relations for centuries.

### PRE AP WORLD HISTORY/AP EUROPEAN HISTORY

Student Interest/Recommendation Form Required

2 Credits      Grade 9-10      ACCELERATED & ADVANCED PLACEMENT/DUAL CREDIT      (1.0/1.5 added to Quality Points)

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. In addition to providing a basic narrative of events and movements, the goals of AP European History are to develop (a) an understanding of some of the principle themes in modern European history, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. ***This course meets the World History graduation requirement.***

### U.S. GOVERNMENT

.5 Credit      Grade 12      REGULAR

This course is a study of the U.S. Government from its Revolutionary roots through the present. The main focus is on the study of the type of government created by the Constitution and the rights of the people protected by that Constitution. The evolution of the U.S. political system is also studied. **Required for Graduation.**

### ECONOMICS

.5 Credit      Grade 12      REGULAR

Introduces basic economic concepts, financial activities of individuals and governments, the Stock Market, and world trade. **Required for graduation.**

### AP U.S. GOVERNMENT/FIELD STUDIES

Student Interest/Recommendation Form Required

.5/.5 Credit      Grade 11-12      ADVANCED PLACEMENT/DUAL CREDIT      (1.5 added to Quality Points)

An **in depth study** of five topics which includes Comparative Politics; Sovereignty, Authority, and Power; Political Institutions; Citizens, Society, and the State; and Political and Economic change.

**AP MICROECONOMICS/FIELD STUDIES**

Student Interest/Recommendation Form Required

.5/.5 Credit      Grade 11-12      ADADVANCED PLACEMENT/DUAL CREDIT      (1.5 added to Quality Points)

The purpose of this course is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system (product & factor markets, role of government).

**AP MACROECONOMICS/FIELD STUDIES**

Student Interest/Recommendation Form Required

.5/.5 Credit      Grade 11-12      ADADVANCED PLACEMENT/DUAL CREDIT      (1.5 added to Quality Points)

The purpose of this course is to give students a thorough understanding of the principles of economics that apply to economics systems as whole (scarcity and opportunity costs, national income, and price-level determination).

**AP HUMAN GEOGRAPHY**

Student Interest/Recommendation Form Required

1 Credit      Grade 9-12      ADADVANCED PLACEMENT/DUAL CREDIT      (1.5 added to Quality Points)

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

**PSYCHOLOGY**

.5 Credit      Grade 10-12      HONORS      (.5 added to Quality Points)

This is an introductory course to psychology. Topics include the history of psychology, major schools of psychological thought, and psychological disturbances.

**SOCIOLOGY**

.5 Credit      Grade 10-12      HONORS      (.5 added to Quality Points)

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

**LAW RELATED EDUCATION**

.5 Credit      Grade 9- 12      REGULAR

Commonly known as "street law," this course emphasizes basic rights and law and order issues important to teens and young adults.

**DC GENERAL PSYCHOLOGY**

1 Credit High School/3 College Hours      Grade 11-12      ADADVANCED PLACEMENT/DUAL CREDIT      (1.5 added to Quality Points)

An introduction to the scientific study of human behavior and mental processes. This includes history and theories of psychology, research methods, and biological bases of behavior, the principles of learning, personality and abnormal behavior. **Prerequisites: Must meet MGCCC enrollment qualifications. Must be a junior with at least a 3.0 GPA.**

**FOREIGN LANGUAGE****SPANISH I**

1 Credit      Grade 9-12      HONORS      (.5 added to Quality Points)

This course teaches the four basic language skills of listening, speaking, reading, and writing. Vocabulary and grammar skills are taught at a level in which students are able to survive in a Spanish-speaking country. Culture, history, and geography of Spanish-speaking countries are taught at an introductory level. **Prerequisite: 9<sup>th</sup> Grade students must have an 80 or above in English and math to enroll in this course. 10-12 Grade students must have a 75 or above in English.**

**SPANISH II**

1 Credit      Grade 9-12      ACCELERATED      (1.0 added to Quality Points)

This course includes study of vocabulary, grammar, culture, and literature. The emphasis is on incorporating the vocabulary into everyday conversation. Students will be able to understand and respond to basic conversational questions as well as talk about survival in a foreign country where the target language is spoken.

**Prerequisite:** Minimum grade of 80 in Spanish I.

**SPANISH III**

1 Credit      Grade 10-12      ACCELERATED      (1.0 added to Quality Points)

This course is a culmination of oral and written skills in an advanced study of the language. Students begin reading literature selections from the AP course. The emphasis on grammar and translation skills requires the reinforced language skills of speaking, listening, reading, and writing.

**Prerequisite:** Minimum grade of 85 in Spanish II and teacher recommendation.

**SPANISH IV**

1 Credit      Grade 10-12      ACCELERATED      (1.0 added to Quality Points)

This course is the culmination of oral and written skills in an advanced study of the language. Students read literature, selections from the AP Course. Emphasis is on grammar and translation skills. This course reinforces the language skills of speaking, listening, reading, and writing. **Prerequisite:**

**Minimum grade of 85 in Spanish III and teacher recommendation.**

**DC SPANISH I**

1 Credit High School/3 College Hours      Grade 11-12      ADVANCED PLACEMENT/DUAL CREDIT      (1.5 added to Quality Points)

An oral-aural approach stresses conversation, pronunciation, listening comprehension, reading, writing, and functional grammar with emphasis on communication. **Prerequisites:** Must meet MGCCC enrollment qualifications. Must be a junior with at least a 3.0 GPA.

**BUSINESS AND COMPUTER TECHNOLOGY****COMPUTER SCIENCE PRINCIPLES (AP CSP) – PLTW**

Student Interest/Recommendation Form Required

1 Credit      Grade 10-12      ADVANCED PLACEMENT/DUAL CREDIT      (1.5 added to Quality Points)

Using Python as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. PLTW is recognized by the College Board as an endorsed provider of curriculum and professional development for AP Computer Science Principles (AP CSP).

**CYBER SECURITY (PLTW)**

1 Credit      Grade 10-12      REGULAR

Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

**ENTREPRENEURSHIP**

1 Credit      Grade 9-12      REGULAR

The course will focus on entrepreneurial skills, business foundations, communications, economics, financial literacy, human resource and marketing management. Students will also begin work on a business plan. FBLA leadership/members requested to sign up.

**GRAPHIC DESIGN I**

.5 Credit      Grade 9-12      REGULAR

Graphic Design I is designed to provide the student an introduction to various graphic and image editing programs. Students will learn about graphic design principles, creative and expressive typography, page layout, and digital image manipulation through the completion of both print and multimedia based assignments. Projects may include, but are not limited to the creation of logos, posters, ads, magazine spreads, information graphics, book covers, animations and websites.

**GAME DESIGN (Listed as Graphic Design II)**

.5 Credit      Grade 9-12      REGULAR

This course is an introduction to the theory and practice of video game design and programming. Video game programming is one of the most challenging disciplines in Computer Science because it attempts to combine, in real time, concepts in: computer graphics, human computer interaction, networking, artificial intelligence, computer aided instruction, computer architecture, and databases. In this class students will design, build and demonstrate a simple video game.

**INTRODUCTION TO ENGINEERING DESIGN (PLTW)**

1 Credit      Grade 10-12      REGULAR

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling. **Prerequisite: Algebra I**

**PRINCIPLES OF ENGINEERING (PLTW)**

1 Credit      Grade 10-12      REGULAR

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling. **Prerequisite: Algebra II and Introduction to Engineering Design.**

**AEROSPACE ENGINEERING (PLTW)**

1 Credit      Grade 10-12      REGULAR

This course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles. **Prerequisite: Introduction to Engineering Design.**

**PERSONAL FINANCE**

.5 Credit      Grade 10-12      REGULAR

The student explores personal finance decision making while developing individual skills in money management, record keeping, and banking.

**WEB DESIGN AND MEDIA RICH CONTENT**

1 Credit      Grade 10-12      REGULAR

The course will focus on Introduction to Web Design, Building a Basic Client Web Site, Media Rich content for Web Design and planning a digital narrative and creating a script.

**TECHNOLOGY FOUNDATIONS**

1 Credit      Grade 9-12      REGULAR

This course is designed as a middle or high school course in technology education. Students acquire a foundation of knowledge in technological material, information gathering and apply processes associated with the technological thinker. ***This course meets the technology/business graduation requirement.***

**CAREER READINESS**

.5 Credit      Grade 9-12      REGULAR

Students will learn skills to help them be successful in applying, interviewing, and preparing for a career.

**COLLEGE AND CAREER READINESS**

1 Credit      Grade 9-12      REGULAR

The Mississippi College and Career Readiness Course curriculum (CCR) provides a consistent and clear understanding of what students are to be able to do at the end of each unit. The curriculum was designed to be relevant to the real world, reflecting the knowledge and skills needed for success in college, career and to compete in a global economy. ***This course is required for graduation and must be taken during the junior or senior year of high school.***



## **FAMILY AND CONSUMER SCIENCE**

### **CHILD DEVELOPMENT**

.5 Credit      Grade 9-12      REGULAR

This course prepares the individual to understand the developing child from the prenatal period through early childhood. Course content includes stages of development, emotionally, socially, physically, intellectually, as well as inter-generational and special needs of a child.

### **FAMILY DYNAMICS**

.5 Credit      Grade 9-12      REGULAR

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.

### **RESOURCE MANAGEMENT**

.5 Credit      Grade 9-12      REGULAR

This course focuses on how to prepare for work and life through career planning, money management, and independent-living techniques. Resource Management utilization will be taught to successfully achieve family, consumer, and community goals.

## **CAREER AND TECHNICAL**

### **AUTOMOTIVE SERVICE TECHNOLOGY I**      Application Required

2 Credits      Grade 10-12      YEARLONG CLASS      REGULAR

Students will receive instruction in safety, measurement, basic automotive service, brakes, and electrical service.

### **AUTOMOTIVE SERVICE TECHNOLOGY II**      Application Required

2 Credits      Grade 11-12      YEARLONG CLASS      REGULAR

Students will receive instruction in engine performance, steering, suspension, and advanced electrical/electronic systems. This course will prepare students for an entry level position in the automotive repair and service industry, or for entry into a postsecondary Automotive Technology Program.

### **BUSINESS FUNDAMENTALS (Year I)**      Application Required

2 Credits      Grade 10-12      YEARLONG CLASS      REGULAR

Provides instruction in basic business skills and knowledge. This course is taught at Vancleave High School.

### **MARKETING (Year II)**      Application Required

2 Credits      Grade 11-12      YEARLONG CLASS      REGULAR

Provides instruction in basic marketing skills and taught at Vancleave High School.

### **CONSTRUCTION I**      Application Required

2 Credits      Grade 10-12      YEARLONG CLASS      REGULAR

This is a basic course teaching fundamentals of safety, tools, math, and basic carpentry, electrical, masonry, and plumbing skills.

### **CARPENTRY II**      Application Required

2 Credits      Grade 11-12      YEARLONG CLASS      REGULAR

A continuation of Building Trades I and provides advanced instruction and practical application preparing students for employment or continued education in the occupations of carpentry, electrical wiring, masonry, or plumbing.

### **CULINARY ARTS I**      Application Required

2 Credits      Grade 10-12      YEARLONG CLASS      REGULAR

Includes classroom and hands-on experiences that will prepare students for employment of continuing education in the food service industry. This course is taught at St. Martin High School.



**CULINARY ARTS II****Application Required**

2 Credits      Grade 11-12      YEARLONG CLASS      REGULAR

A continuation of Culinary Arts I and taught at St. Martin High School.

**INFORMATION TECHNOLOGY I****Application Required**

2 Credits      Grade 10-12      YEARLONG CLASS      HONORS      (.5 added to Quality Points)

This program is designed to provide the basic foundation, skills, and knowledge for computer networking. The program will provide hands-on experience in computer systems support and skill network setup, maintenance, and application.

**INFORMATION TECHNOLOGY II****Application Required**

2 Credits      Grade 11-12      YEARLONG CLASS      ACCELERATED      (1.0 added to Quality Points)

Students will receive the skills necessary to prepare for certification exams and will learn how to develop, support, and integrate computing systems, acquire network planning and management skills, and provide technical support.

**HEALTH SCIENCES I****Application Required**

2 Credits      Grade 10-12      YEARLONG CLASS      HONORS      (.5 added to Quality Points)

The Health Sciences (Core) course introduces students to the theory and practical applications of tasks related to employment in the field of health science. Students will cover topics such as safety in the workplace, infection control, health care systems, and the vital organs of the human body. The course offers insight into careers in health care as well as educational requirements and the professional, legal, and ethical responsibilities involved. Students will have the opportunity to tour local medical facilities.

**HEALTHCARE AND CLINICAL SERVICES****Application Required**

2 Credits      Grade 11-12      YEARLONG CLASS      ACCELERATED      (1.0 added to Quality Points)

The Healthcare and Clinical Services course helps the student establish insight in the healthcare field. Students will be exposed to the theory and applied tasks related to careers within health care. This course covers topics such as human growth and development, health informatics, information technology, and therapeutic and rehabilitative services. Other topics include medical and emergency services, mental health, and pharmacological and nursing services. Students will be certified in Healthcare Provider level CPR. A CNA program is offered to seniors. Students will job shadow at local medical facilities. *Students completing MP I & MP II may count as 1 of their required science credits towards graduation. But can count for 2 lab-based sciences for MS Scholars.***TEACHER ACADEMY I****Application Required**

2 Credits      Grade 10-12      YEARLONG CLASS      HONORS      (.5 added to Quality Points)

Teacher Academy I is an entry-level course. Students in Education I gain foundation competencies related to students as learners, planning and assessing teaching, teaching strategies, and communication skills. Students receive hands-on field experiences.

**TEACHER ACADEMY II****Application Required**

2 Credits      Grade 11-12      YEARLONG CLASS      ACCELERATED      (1.0 added to Quality Points)

Teacher Academy II provides students with the opportunity to gain advanced skills needed to enhance them as learners, teachers, and communicators. Students receive advanced hands on field experiences.

**INTRODUCTION TO WELDING I****Application Required**

2 Credits      Grade 10-12      YEARLONG CLASS      REGULAR

Students complete study in occupational orientation and safety, advanced SMAW, semi-automatic arc welding [gas metal arc welding and flux-cored arc welding (GMAW/FCAW)], gas tungsten arc welding (GTAW), carbon arc cutting principles and practices (CAC-A), plasma arc cutting (PAC), and employability skills.

**ADVANCED WELDING****Application Required**

2 Credits      Grade 11-12      YEARLONG CLASS      REGULAR

This curriculum is designed to prepare the student for entry level employment in the field of welding and fabrication. Students will complete study in occupational orientation and safety, basic math, introduction to blueprints (welding symbols), hand and power tools, oxy/fuel operations, and shielded arc welding (SMAW).

**ENGINEERING I****Application Required**

2 Credits      Grade 9-12      YEARLONG CLASS      REGULAR

Prerequisite: C or Higher in Pre-Algebra

Engineering I teaches students the history of engineering and the careers associated with the field. The students will also learn the foundations and fundamentals of engineering and materials, as well as the engineering design process and the steps one follows for successful design planning. Additionally, students are introduced to the advanced concepts of 3-D sketching and modeling with CAD software. The course introduces students to the field of robotics in engineering. It also focuses on several fields of engineering specialization.

**ENGINEERING II****Application Required**

2 Credits      Grade 10-12      YEARLONG CLASS      REGULAR

Engineering II is a comprehensive course that focuses on the following four systems: electrical, fluid, mechanical, and thermal. It also introduces students to flexible manufacturing systems, or how robotics and drafting work together to create products. Additionally, the course teaches students advanced robotic concepts. Students will also learn valuable workforce readiness skills and prepare for jobs in the field of engineering.

**INSTRUMENTATION AND CONTROLS****Application Required**

2 Credits      Grade 10-12      YEARLONG CLASS      REGULAR

Sustainable Facilities Operations is designed to prepare students to efficiently and effectively manage the total facility. The material covered will benefit students who are practicing as, or who want to become, an energy manager, facilities manager, operations and maintenance manager, energy auditor, maintenance supervisor, superintendent of buildings and grounds, building manager, plant manager, maintenance manager, maintenance director, operations manager or energy technician.

**MARITIME ACADEMY (LISTED AS CAREER PATHWAY)****Application Required**

2 Credits      Grade 12      YEARLONG CLASS      REGULAR

This class is for selected 3rd year Career and Technical Students. It is housed at the Haley Barbour Maritime Building at Ingalls Shipbuilding. It offers a hands on experience with the Ingalls Apprentice Instructors in the shipbuilding crafts. This pathway includes highly specialized career types such as welders, riggers, painters, sheet metal workers, and pipefitters. Students will be required to drive to Ingalls every morning.

**FINE ARTS****One Fine Arts class is REQUIRED for graduation.****MIXED MEDIA**

1 Credit      Grade 10-12      REGULAR

This course allows for a student to work in both 2D and 3D using a variety of medium. This course focuses on the craft and construction properties of fine art. **\*\*An art fee is assigned to this class.**

**PHOTOGRAPHY I & II**

TWO .5 CREDIT      Grade 10-12      REGULAR

Darkroom and Digital photography course that specializes in learning how to take a photograph using artistic impressions and the elements of photography. The course is taught as a semester course, the student need to selection Photo I and II. The student will have use of classroom 35mm cameras but they will have to have access to a digital device (camera, phone, and tablet) for digital assignments. **\*\*An art fee is assigned to this class.**

**PAINTING I & II**

TWO .5 CREDIT      Grade 10-12      REGULAR

Color theory and the use of multiple mediums of paint such as oils, acrylic and watercolor. The course is taught as a semester course, the student need to selection Painting I and II. **Prerequisite: Visual Arts. \*\*An art fee is assigned to this class.**

**ART SURVEY**

1 Credit      Grade 9-12      REGULAR

This is an introductory production studio class exposes the student to the foundations of visual arts through the study of the elements and principles of design as well as learn about different media, styles, forms, techniques and processes in creating art. **\*\*An art fee is assigned to this class.**

**2-D ART**

1 Credit      Grade 9-12      REGULAR

This is an introductory production studio class will focus on specialized instruction of all 2-dimensional mediums of art-drawing, painting, printmaking and photography. **\*\*An art fee is assigned to this class.**

**3-D ART**

1 Credit      Grade 10-12      REGULAR

This is an introductory production studio art class focuses on all 3-dimensional mediums of art (ceramics, sculpture and crafts). **\*\*An art fee is assigned to this class.**

**ADVANCED ILLUSTRATION**

1 Credit      Grade 11-12      HONORS      (.5 added to Quality Points)

This studio art class focuses on advanced drawing and Illustration techniques. Prerequisites: Must be entering 11th or 12th grade or by portfolio approval by the instructor, must have successfully completed two of the following classes: Visual Arts, Visual Arts studio I or Visual Arts studio II. **\*\*An art fee is assigned to this class.**

**ADVANCED ART INDIVIDUAL STUDIES**

1 Credit      Grade 11-12      HONORS      (.5 added to Quality Points)

This studio art class focuses on advanced 2-D media including Photography, paper arts and printmaking techniques. Prerequisites: Must be entering 11th or 12th grade or by portfolio approval by the instructor, must have successfully completed two of the following classes: Visual Arts, Visual Arts studio I or Visual Arts studio II. **\*\*An art fee is assigned to this class.**

**ADVANCED CLAY PROPERTIES**

1 Credit      Grade 11-12      HONORS      (.5 added to Quality Points)

This studio art class focuses on all 3-dimensional mediums of art (ceramics, sculpture and crafts). Prerequisites: Must be entering 11th or 12th grade or by portfolio approval by the instructor, must have successfully completed two of the following classes: Visual Arts, Visual Arts studio I or Visual Arts studio III. **\*\*An art fee is assigned to this class.**

**AP 2-D and 3-D ADVANCED PLACEMENT STUDIO**

Student Interest/Recommendation Form Required

1 Credit      Grade 11-12      ADVANCED PLACEMENT/DUAL CREDIT      (1.5 added to Quality Points)

This advanced program of study focuses on the creation of a portfolio for use in the pursuit of higher education or career opportunities. Building on concepts and skills acquired in one of the following prerequisite courses – Visual Arts I, II, and III, or Visual Arts I, Drawing and Painting – students will work at a sophisticated level applying their knowledge of production, critical analysis, history and culture, aesthetics, and connections among the visual arts, other content areas, and everyday life. Work will encompass two-dimensional media, techniques, and processes in drawing, painting, photography and graphic media or three-dimensional media, techniques, and process in ceramics and sculptures. **Requirements: Must be entering 11th or 12th grade. Must have an art teacher recommendation based upon a review of a body of work demonstrating accomplishment of Visual Arts, I, II, and III competencies and must purchase own art supplies or pay an art fee.**

**DC ART APPRECIATION**

1 Credit High School/3 College Hours      Grade 11-12      ADVANCED PLACEMENT/DUAL CREDIT      (1.5 added to Quality Points)

This advanced program of study focuses on art history and methods of media in art. **Prerequisites: Must meet MGCCC enrollment qualifications. Must be a junior with at least a 3.0 GPA.**

**BAND (MARCHING)**

1 Credit      Grade 9-12      REGULAR

Offered during first semester only. This course emphasizes developing the total musician and requires the student to participate in both marching and concert performances. The band marches at all football games, several parades, and some marching festivals. The band also performs several concerts.

**CONCERT BAND**

1 Credit      Grade 9-12      REGULAR

Offered during second semester only. Offered during second semester only. This is a band comprised of a small group of top auditioned students that will compete in State Band Concerts. 3<sup>rd</sup> Block ONLY.

**SYMPHONIC BAND**

1 Credit      Grade 9-12      REGULAR

Offered during second semester only. This is an ADVANCED band comprised of a small group of top auditioned students that will compete in State Band Concerts. Band Director placement ONLY.

**THEATER I**

1 Credit      Grade 9-12      REGULAR

The purpose of this semester 2 course is to provide a balanced theatre arts program that guides students to achieve the standards in the performing arts. Theatre courses will emphasize artistic perception and creative expression.

**THEATER II**

1 Credit      Grade 9-12      REGULAR

Theater II will be offered first semester. Students do not have to take Theater I prior to taking Theater II. Students will be given the opportunity to compete during this semester course.

**CHOIR I**

1 Credit      Grade 9-12      REGULAR

Fall Semester course that explores choral music from a wide variety of cultures and time periods through study and performance. Students in Choral are expected to participate in performance opportunities including fall and winter concerts and a performance at *Bellingrath Magic Christmas in Lights*. Prior experience in singing is helpful though not necessary. **(\$25 Choral Fee - One time per year)**

**CHOIR II**

1 Credit      Grade 9-12      REGULAR

Spring Semester Choral opportunity with emphasis in varied literature, sight singing, choral singing in small ensembles and large group performance at State Contest. Includes Show Choir performances at a Dessert Night Coffee House, Mary C. O'Keefe Cultural Center Music Spectacular, Biloxi Shuckers National Anthem and graduation. **(\$25 Choral Fee - One time per year). Prerequisite: Choir I is suggested by not required.**

**PIANO I**

1 Credit      Grade 9-12      REGULAR

This is a semester long course designed to teach the absolute basic techniques of piano playing that will take complete beginners to an intermediate level in a short space of time. (Owning a piano or keyboard is not required) Performance opportunities provided. This can satisfy the fine art graduation requirement.

**PIANO II**

1 Credit      Grade 9-12      REGULAR

This semester long course is designed for those who have taken Piano I. This course is designed to help you move past the basic piano concepts to intermediate and advanced playing techniques. It fosters development of comprehensive practice strategies as well as dexterity and playing abilities. (Owning a piano or keyboard is not required but is suggested for best achievement) Performance opportunities provided. **Prerequisite: Piano I**

**PERCUSSION**

1 Credit      Grade 9-12      REGULAR

Students learn the fundamentals of percussion. This can satisfy the fine art graduation requirement.

**SCHOOL OF ROCK**

1 Credit      Grade 9-12      REGULAR

This course provides opportunities to learn acoustic/electric guitar, bass guitar, keyboard, vocal, percussion, winds, and more. Students will learn the basics of technique, music theory, grow to understand the dynamics of playing in a group, and learn life skills like perseverance, dedication, responsibility, and teamwork.

**PHYSICAL EDUCATION****PHYSICAL EDUCATION**

.5 Credit      Grade 9-12      REGULAR

A general physical education class. **Required for graduation.**

**VARSITY PHYSICAL EDUCATION**

.5-2 Credit      Grade 9-12      REGULAR

This course will be for students participating in school-sponsored athletic programs. Credit for PE Varsity will be awarded from the school that the student athlete attends. A student may not receive more than one PE credit in one SEMESTER. (For example, a student may not take PE and PE Varsity in the same SEMESTER and receive credit in both. **Requirements: Must be on the roster / team.**

**DRIVER'S EDUCATION**

.5 Credit      Grade 9-12      REGULAR

This course is designed to help the student become better prepared to handle various situations they will encounter when they are operating a motor vehicle. Students will spend thirty hours in classroom study, twelve hours in the simulator, and three hours "behind the wheel." All driving instruction will be fully supervised and students must pass all three sections of study in order to pass the class. **PREREQUISITE: LEARNER'S PERMIT**

**DRUG EDUCATION**

.5 Credit      Grade 9-12      REGULAR

This High School drug prevention curriculum provides students in grades 9-12 with the drug abuse knowledge and skills necessary to make healthy decisions and resist the pressure to use drugs and say no to drugs.

**SAFETY EDUCATION**

.5 Credit      Grade 9-12      REGULAR

This course is designed to teach students different aspects of auto, hunting, boating and personal safety.

**HEALTH**

.5 Credit      Grade 9-12      REGULAR

Contemporary Health (9-12) is a one-semester high school course (offering .5 Carnegie units of credit), which 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. **Required for graduation.**

**AIR FORCE JUNIOR ROTC****JROTC 1**

1 Credit (JROTC or PE)      Freshmen/1st-time cadets.      REGULAR

Taught only in Fall each School year. 1 Elective Semester Credit. Aviation History: flight throughout the centuries. Air Force heritage, organization & traditions. Self-control, Wellness & fitness (running/exercises). Basic marching/ceremonies. JROTC Uniform worn one day every week. Males require Air Force haircut. Field trip & community service. Challenge course, recruiting, PT Team, Drill Team, Color guard, computer defense team, Academic bowl.

**JROTC 2**

1 Credit (JROTC or PE or Health)      Freshmen/1st-time cadets)      REGULAR

Taught only in Spring each School year. 1 Elective Semester Credit. How planes fly, weather affects, & flight and the human body. Air Force heritage, organization & traditions. Communication/personal development. Personal awareness. Wellness/fitness (running/exercises). Military commands & command voice. JROTC Uniform worn one day every week. Males require Air Force haircut. Field trip & community service. Challenge course, recruiting, PT Team, Drill Team, Color guard, computer defense team, Academic bowl.

**JROTC 3**

1 Credit (JROTC or PE &amp; Health)      10th-12th grade cadets      REGULAR

Taught only in Fall. 1 Elective Semester Credit. Manage/plan/organize/coordinate/direct/control unit. Air Force Heritage, Organization, & Traditions. Understand groups. March the squadron. Prepare for leadership. Wellness & fitness (running/exercises). JROTC Uniform worn one day every week. Males require Air Force haircut. Field trip & community service. Challenge course, recruiting, PT Team, Drill Team, Color guard, computer defense team, Academic bowl.

**JROTC 4**

1 Credit (JROTC or PE &amp; Health)      10th-12th grade cadets      REGULAR

Taught only in Spring. 1 Elective Semester Credit. Survival. Elements of surviving. Personal protection. Necessities to maintain life. Air Force Heritage, Organization, & Traditions. Organizing. Leading. Group/Wing military formations. Wellness & fitness (running/exercises). JROTC Uniform worn one day every week. Males require Air Force haircut. Field trip & community service. Challenge course, recruiting, PT Team, Drill Team, Color guard, computer defense team, Academic bowl.

**Advanced Placement Courses Offered**

AP 2-D and 3-D Advance Placement Studio  
AP Biology  
AP Chemistry  
AP Calculus AB  
AP Computer Science Principles (AP CSP) PLTW  
AP English III Language & Composition  
AP English IV Literature & Composition  
AP Environmental Science  
AP European History  
AP Human Geography  
AP Macro Economics  
AP Micro Economics  
AP Statistics  
AP U.S. Government  
AP U.S. History

**Dual Credit/Dual Enrollment****College Courses**

1 Credit      Grade 11-12

Art Appreciation  
College Algebra  
College Trigonometry  
English Composition I  
English Composition II  
General Psychology  
Smart Start