REGISTRATION GUIDE

GRADES 9 - 12

Lafayette High School

Oxford, Mississippi

Thirty-Fourth Edition
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Extended School/Credit Recovery Program

Mississippi State Board of Education Policy 2905 allows school districts to have a credit recovery program. Credit recovery is defined as a course-specific, skill-based learning opportunity for students who have previously been unsuccessful in mastering content/skills required to receive course credit toward graduation. The District's credit recovery program is designed for high school students who fail a required course for graduation. In order to be eligible for credit recovery, the student must have received at least a final grade of 55 for the course. Even if a student is successful in the credit recovery program, the student will not receive a diploma until passing all SATP exams. The method of credit recovery for the District is direct-individualized computer instruction. The credit recovery program will run in conjunction with extended school year and/or during the regular school year. If in the summer, students must attend classes every day until they are successful in recovering credit. If a student is successful in a credit recovery course, the highest grade they can earn is 65, which is the minimum passing grade. Both the failing grade and credit recovery grade are computed in the student's GPA.

Correspondence Courses

Correspondence course work is restricted to those students who have no other means of meeting graduation requirements. All correspondence work is conducted through the Counseling Center. You must have principal approval. A maximum of one (1) unit of correspondence work may be applied to graduation. Only correspondence courses approved by the Mississippi State Department of Education will be accepted.

MVPS

Mississippi Virtual Public School (MVPS) is a web-based educational service offered by the Mississippi Department of Education to provide Mississippi students with access to a wider range of course work, with more flexibility in scheduling, and with the opportunity to develop their capacities as independent learners.

Thanks to a $2.5 million grant from the BellSouth Foundation, and a $1 million allocation by the Mississippi Legislature, all students in grades 9-12 have access to **"**free**"** online courses through MVPS. Priority is given to juniors and seniors. No online courses will be offered that are tied to Subject Area Tests: these include Algebra I, Biology I, English II, and U.S. History.

Students may take non-core content courses for elective credit only.

If a student enrolls in a MVPS course and later chooses to withdraw from the course, the student is then required to inform the counselor so the counselor can drop the student from the MVPS class.

No more than half the credits required for graduation can be earned through MVPS. No more than half of the core classes (math, English, science, and social studies) required for graduation can be earned through MVPS.

The Goals of MVPS are to:

- ✓ Offer additional Advanced Placement (AP) course options to school districts
- ✓ Offer students an alternative to traditional learning
- ✓ Enhance educational technology use in the schools
- ✓ Assist school districts in offering courses in subject areas where teachers are limited or nonexistent.

Course Load

All seniors are required to stay for four classes their senior year. Seniors may leave school only with proper permission. Under no circumstances, shall a student be allowed to leave campus without permission of an administrator and return during the same day for the purpose of taking classes.

Dual Enrollment

Dual Enrollment is a program that allows high school students to earn college credit while still enrolled in high school. Requirements are as follows: Must be of junior classification OR have an ACT composite score of at least 30, must have a 3.0 GPA on a 4.0 point scale. To take English Composition you must have at least a 19 on the English Section of the ACT; to take College Biology you must score 19 on the Science section of the ACT. The fee for each class is $110.00 and must be paid at the beginning of each semester. The graduation credit for English IV can be earned by taking English Composition. A science credit for graduation can be earned by taking College Biology. Any college level course that is offered at Lafayette High School may not be taken off campus.

Transcripts

For currently enrolled students, the Counseling Center will send the first two copies of a high school transcript anywhere free of charge; a fee of $2.00 will be charged for each additional copy.

Class Requirements for:

College Preparatory Diploma

Curriculum Area	**Units**	**Required Subjects**
English	4[1]	English I English II
Mathematics	4[2]	1 Algebra
Science	4[3]	1 Biology I
Social Studies	4	1 World History[4] 1 US History[4] ½ Introduction to World Geography[4] ½ US Government ½ Economics[5] ½ Mississippi Studies[6]
Health and Physical Education	½[7,8] ½	½ Comprehensive Health or ½ Family & Individual Health and ½ Physical Education
Business & Technology	1[10]	1 Computer Discovery or ICT II or STEM or Keyboarding and Computer Applications
The Arts	1	Art, Band, Chorus or Drama
Electives	5[11]	
Total Units Required	**24**	

1. Compensatory Reading and Compensatory Writing may not be included in the four English courses required for graduation; however, these courses may be included in the 5 general electives required for graduation. Accelerated English I can be accepted in lieu of English I. Accelerated English II can be accepted in lieu of English II. Beginning school year 2010-2011 for all entering ninth graders, English I is a required prerequisite course for English II. English I may not be taken after a student completes English II.

2. Compensatory Mathematics and any developmental mathematics course may not be included in the four mathematics courses required for graduation; however, these courses may be included in the 4 1/2 general electives required for graduation. Effective with the eighth graders of 2008-2009, Pre-Algebra and Transition to Algebra may not be taken after a student completes Algebra I. Beginning school year 2014-2015, Compensatory Mathematics may only be taken if a credit-bearing Math course is taken in the same school year. Beginning school year 2004-2005 for all entering 8th graders, at least 1 of the 4 required mathematics

courses must be higher than Algebra I or Integrated Math I. The allowable mathematics courses that can be taken which are higher than Algebra I are: Geometry, Integrated Math II, Algebra II, Integrated Math III, CCSS Advanced Math Plus, Algebra III, SREB Math Ready, Calculus, AP Calculus AB, AP Calculus BC, and AP Statistics. Advanced Algebra, Trigonometry, Pre-Calculus, Discrete Mathematics, and Statistics meet this requirement if taken prior to the 2015-2016 school year. Effective with the 8th graders of 2004-2005, Pre-Algebra, Transition to Algebra, and Algebra I, may be taken in the 8th grade for Carnegie unit credit. Pre-Algebra, Transition to Algebra are no longer available after the 2013-2014 school year. Carnegie units may be earned by 7th and 8th graders effective with school year 2014-2015 for the following courses: CCSS Compacted Math Grade 7, CCSS Math Grade 8, CCSS Compacted Math Grade 8 (with Integrated Math I), and CCSS Math Grade 8 (with Algebra I/Traditional).

3. One unit may be in Concepts of Agriscience, or Introduction to Agriscience, and a second unit may be earned by completing 2 of the following 3 courses: Science of Agriculture Plants, Science of Agriculture Animals, or Science of Agricultural Environment. Two units may be in the following courses if the student completes the required course sequence ending with Healthcare & Clinical Services II or Health Sciences II. The allowable lab-based physical science courses are Physical Science, Chemistry, AP Chemistry, or Physics. Effective with school year 2013 – 14, up to 2 of the 3 required science units (excluding Biology I) may be earned by completing Agriculture and Natural Resources I & II. One credit allowed shall be awarded for biology II, and ½ credit shall be awarded for Botany, and ½ credit shall be awarded for Field Experiences in Science. Effective with 8th graders of school year 2013 – 14, Introduction to Agriscience may be taken in the 8th grade for Carnegie unit credit.

4. AP Government and Politics: United States can be accepted in lieu of the required United States Government course. AP Macroeconomics or AP Microeconomics can be taken in lieu of the required Economics course.

5. Credit earned for Business Fundamentals or Business Fundamentals II may be accepted in lieu of ½ unit in Economics.

6. The credit earned for a State/Local Government course in any other state by an out-of-state transfer student who enters after the sophomore year can stand in lieu of Mississippi Studies or Mississippi State and Local Government. If the transfer student took a State/Local Government course in a grade level that did not award Carnegie unit credit, then any other ½ unit social studies course may be accepted. An out-of-state student who transfers after the junior year may substitute any other ½ unit social studies course.

7. Credit earned in Allied Health I may be accepted in lieu of Comprehensive Health or Family and Individual Health to meet the graduation requirement for ½ Carnegie unit in Health.

8. Successful completion of JROTC I and JROTC II may be accepted in lieu of Comprehensive Health or Family and Individual Health to meet the graduation requirement for ½ Carnegie unit in Health beginning in the 2010-2011 school year.

9. The graduation requirement for **½** unit in physical education may include participation in interscholastic athletic activities, band, dance and JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association.

10. Evidence of proficiency in technology is accepted in lieu of the required courses if the student earns one unit in a technology-rich academic or career technical course related to their program of study. Effective with school year 2012-13, a Carnegie unit credit for ICTII (Information & Communication Technology) may be awarded to 7th grade students. Effective with school year
2012-13, a Carnegie unit credit for STEM (Science, Technology, Engineering & Mathematics) may be awarded to 8th grade students. ICTII may be accepted in lieu of Computer Discovery. A Carnegie unit earned for STEM in the 8th or 9th grade meets this graduation requirement.

11. Only one elective unit in physical education including participation in interscholastic athletic activities, band, performance choral, dance or JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association may be applied each year to the minimum 24 required state units. If a local district has graduation requirements above the state requirements they may award additional credits as outlined in the local Board policy.

Standard District Option Diploma

Curriculum Area	Units	Required Subjects
English	4[1]	
Mathematics	4[2]	1 Algebra 1 Geometry
Science	3[3]	1 Biology I
Social Studies	3	1 World History[4] 1 US History[4] ½ US Government ½ Mississippi Studies[5]
Health Physical Education	½[6,7] ½[9]	Comprehensive Health or Family & Individual Health Physical Education
Business & Technology Applications	1[8]	1 Computer Discovery or ICT II or STEM or Keyboarding and Computer Applications
The Arts	1	Art, Band, Chorus or Drama
Electives	4	
Total Units Required	**21**	

1. Compensatory Reading and Compensatory Writing may not be included in the four English courses required for graduation; however, these courses may bee included in the 4½ general electives required for graduation.

2. Compensatory Mathematics and any developmental mathematics course may not be included in the four mathematics courses required for graduation; however, these courses may be included in the 4½ general electives required for graduation. Beginning school year 2004-05 for all entering eighth graders, at least one of the four required mathematics courses must be higher than Algebra I. The allowable mathematics courses that can be taken which are higher than Algebra I are: Geometry, Algebra II, Advanced Algebra, Trigonometry and Pre-Calculus. Effective with the eighth graders of 2004-05, Pre-Algebra, Transition to Algebra, and Algebra I, may be taken in the eighth grade for Carnegie unit credit.

3. One unit may be in Concepts of Agriscience, Science of Agricultural Plants or Science of Agricultural Animals. Two units may be in the Allied Health I & II if the student completes the 2-course sequence. Two units may be earned by completing the following course sequence: one unit in Concepts of Agriscience; one unit in Science of Agricultural Animals or Science of Agricultural Plants.

4. Based on the 2004 & 2011 Mississippi Social Studies frameworks, AP Government and Politics: United States can be accepted in lieu of the required United States Government course. AP Macroeconomics or AP Microeconomics can be taken in lieu of the required Economics course.

5. The credit earned for a State/Local Government course in any other state by an out-of-state transfer student who enters after the sophomore year can stand in lieu of Mississippi Studies or Mississippi State and Local Government. If the transfer student took a State/Local Government course in a grade level that did not award Carnegie unit credit, then any other ½ unit social Studies course may be accepted. An out-of-state student who transfers after the junior year may substitute any other ½ unit social studies course.

6. Credit earned in Allied Health I may be accepted in lieu of Family and Individual Health to meet the graduation requirement for ½ Carnegie unit in Health.

7. Successful completion of JROTC I and JROTC II may be accepted in lieu of Family and Individual Health to meet the graduation requirement for ½ Carnegie unit in Health beginning in the 2010-11 school year and thereafter, when instruction includes all health components in the JROTC curriculum.

8. Evidence of proficiency in Keyboarding and Computer Applications is accepted in lieu of the required courses if the student earns one unit in any of the courses listed in the *Business & Technology Framework* (academic and vocational).

9. Elective units in physical education include participation in interscholastic athletic activities, band, performance choral and JROTC that meet the instructional requirements specified in the *Fitness through Physical Education Framework* and that are sanctioned by the Mississippi High School Activities Association.

Standard Diploma with Career Pathway Option

Curriculum Area	Units	Required Subjects
English	4[1]	English I English II
Mathematics	3[2]	1 Algebra
Science	3[3]	1 Biology I
Social Studies	3[4,5]	1 US History ½ US Government ½ Mississippi Studies
Health and Physical Education	½[6]	Comprehensive Health or Family & Individual Health or Physical Education
Career & Technical	4[7]	
Integrated Technology	1[8]	1 Computer Discovery or ICT II or STEM or Keyboarding and Computer Applications
Electives	2 ½[9]	Courses selected from the student's approved program of study
Total Units Required	**21**	

1. Compensatory Reading and Compensatory Writing shall not be included in the four English courses required for graduation. The two additional English credits must be from the student's program of study which includes Technical Writing, Creative Writing, English III, English IV or any college-level dual credit courses.

2. Compensatory Mathematics may not be included in the four mathematics courses required for graduation. Effective with eighth graders of 2008-09, Pre-Algebra and Transition to Algebra may not be taken after a student completes Algebra I. For students pursuing the Career Pathway Graduation Option, at least one of the required mathematics courses must be above Algebra I and selected from the student's program of study. The allowable mathematics courses that can be taken which are higher than Algebra I are: Geometry, Algebra II, Advanced Algebra, Trigonometry, Pre-Calculus and Calculus. Effective with the eighth graders of 2004-05, Pre-Algebra, Transition to Algebra and Algebra I may be taken in the eighth grade for Carnegie unit credit. Effective with the eighth graders of 2008-09, Geometry may be taken in the eighth grade for Carnegie unit credit.

3. For students pursuing the Career Pathway Graduation Option, at least one of the required science courses must be above Biology I and selected from the student's program of study. If a student's program of study allows, one unit may be in Concepts of Agriscience. A second science unit may be earned by completing a two

course sequence selected from the following three options: Science of Agricultural Animals, Science of Agricultural Plants, or Science of Agricultural Environment. Two units may be in Allied Heath I & II.

4. The third social studies credit should be selected based on the student's program of study.

5. The credit earned for a State/Local Government course in any other state by an out-of-state transfer student who enters after the sophomore year can stand in lieu of Mississippi Studies or Mississippi State and Local Government. If the transfer student took a State/Local Government course in a grade level that did not award Carnegie unit credit, then any other ½ unit social Studies course may be accepted. An out-of-state student who transfers after the junior year may substitute any other ½ unit social studies course. Credit earned for the first year of Marketing and Economics (Vocational) may be accepted in lieu of ½ unit in Economics.

6. Credit earned in Allied Heath I may be accepted in lieu of Comprehensive Health or Family and Individual Health to meet the graduation requirement for ½ Carnegie unit in Health. Interscholastic athletic activities, band and ROTC if they meet the instructional requirements specified in the *Fitness through Physical Education Framework* may also be accepted.

7. Career and Technical (CTE) courses must be based on the student's program of study and should include dual credit/dual enrollment options as found in Section 37-15-38 of the Mississippi Code of 1972.

8. Evidence of proficiency in technology is accepted in lieu of the required courses if the student earns one unit in a technology-rich academic or career technical course related to their program of study.

9. Electives must be selected from courses related to the student's program of study. Credits earned not approved for that student's program of study will not be counted toward graduation requirements.

Students must enter the Accelerated Program in the 9th grade and continue in the program through 12th grade as part of the requirements for consideration for valedictorian, salutatorian, special honors, and honors.

Classification of Students:

0 - 5½ units Freshman (9th grade)
6 - 11½ units Sophomore (10th grade)
12 - 16½ units Junior (11th grade)
17 and up Senior (12th grade)
24 or more units to graduate

Note: Students must complete English I before they can take English II or be classified as a Sophomore. Students must complete English II before they can take English III or be classified as a Junior.

Grading Scale:

A (90-100)
B (80-89)
C (70-79)
D (65-69

Mississippi Graduation Assessment Options

Students must pass the Subject Area Tests in U.S. History from 1877, English II, Biology I and Algebra I. Students must pass all four Subject Area Tests even if they take the course(s) prior to their 9th grade year. A score of 17 on the Reading section of the ACT can take the place of a passing score on the US History and/or the English II Subject Area Tests. A score of 17 on the Math section of the ACT can take the place of a passing score on the Algebra I Subject Area Test; a score of 17 on the Science section of the ACT can take place of a passing score on the Biology I Subject Area Test.
State Board of Education Policy 3804

Assessment Option	Math	Science	English	Social Studies
ACT	17 Math	17 Science	17 English	17 Reading
Dual Credit / Dual Enrollment	C or higher Math credit- bearing course	C or higher in Bio credit- bearing course	C or higher in Engl credit- bearing course	C or higher in Hist credit- bearing course
ASVAB + MS – CPAS2 Or Industry Certification	ASVAB score of 36 plus one of the following: 1. CPAS score that meets the attainment level assigned by Federal Perkins requirements. **OR** 2. Earn approved Industry Certification specified in the career Pathway's Assessment Blueprint (App.A-5).			
ACT WorkKeys + MS-CPAS2 Or Industry Certification	Work Keys Silver Level plus one of the following: 1. CPAS score that meets the attainment level assigned by Federal Perkins requirements **OR** 2. Earn approved Industry Certification specified in the Career Pathways Assessment Blueprint (App. A-5).			

Special Graduation Requirements

Requirements for Consideration for Valedictorian, Salutatorian, Special Honors, Honors and Distinction

Any student who is interested in being considered for Valedictorian, Salutatorian, Special and Honors must have taken the courses listed below by the end of their senior year with exception of English, see note below). Graduating with Distinction is based on the student's cumulative numerical GPA of 90 or above.

English

- Accelerated English I
- Accelerated English II
- Accelerated English III**
- AP English/Accelerated English IV or English Composition**

Science

Biology I plus three of the following eight courses:

- Chemistry I
- AP Chemistry
- Physics
- Human A&P
- Health Science II
- College Biology

Math

Four of the following math courses taken in sequence (NOTE: If a student wants to be considered for Valedictorian, Salutatorian, or Special Honors, one of the maths MUST include one credit in Advanced Algebra/Trigonometry).

- Algebra I
- Geometry
- Algebra II
- Algebra III, Advanced Math Plus
- AP Calculus or College Algebra

For Valedictorian and Salutatorian Accelerated English I, II, III and AP English IV or English Composition classes are required. **For Special Honors and Honors, Accelerated English III and AP English IV or English Composition only are required. Any other dual enrollment class which meets graduation requirements can be substituted.

Advanced Placement Program

Lafayette High School offers Advanced Placement (College Board) in the following areas: English, Calculus, Chemistry, Biology, Economics, and Government. AP classes meet all requirements for graduation. AP classes are taught on a higher level of rigor in order for students to successfully complete the AP exam administered each May. College credit awarded is based on scores from the AP Exam. Students are expected to take the AP Exam at their own expense. Current cost for AP classes is $89.00 per AP exam. Advanced Placement, accelerated, and dual enrollment courses are weighted courses (AP = 1.10, Dual Enrollment = 1.10, Accelerated = 1.05)

Placement in Accelerated English I

- 85 or above average in 8th grade English, semester 1 & 2 & Final
- Teacher recommendation
- High Proficient or Advanced on the 7th and 8th grade MCT2
- STAR reading level of 7th grade or higher
- Acceptable score on writing sample

Re-screening at the end of the ninth grade is available for those students with a 90 or above average and the teacher recommends to enter the program or those students the teacher recommends exiting the program. A teacher committee will evaluate writing along with test scores and other grades. Students must maintain an 85 average to remain in the accelerated English Program as well as achieve a passing score on the English II SATP Exam.

Placement in Biology I-9th & Physical Science

- 85 or above average in 8th grade Science, semester 1 &2 & Final
- Teacher recommendation
- High Proficient or Advanced score on the MCT2 Reading & Math
- High Proficient or Advanced score on the MCT2 Science

Placement in Physical Science

- 80 or above average in 8th grade Science, semester 1 &2 & Final
- Teacher recommendation
- High Proficient or Advanced score on the MCT2 Reading & Math
- High Proficient or Advanced score on the MCT2 Science

Placement in Algebra I without Companion Course

- 80 or above average in 8th Pre-Algebra,
- Semester 1 & 2 & Final
- Teacher recommendation
- Proficient or Advanced on MCT 2 Math

Placement in AP Chemistry

- Prerequisites – 85 average in Chemistry I , Algebra II
- Teacher recommendation

Placement in AP U.S. History

- Prerequisites—85 average in Accelerated English II and World History
- Teacher recommendation
- Summer reading assignment

Placement in AP Government and Economics

- Prerequisites -- 85 average in Accelerated English III and US History
- Teacher recommendation

Course Descriptions

English

English I: This course is designed to expose students to the following types of literature: short stories, novels, plays, and poems; and to promote an appreciation of language and literature. This study of literature and language usage incorporates the skills of correct grammar usage, reading, writing, listening, speaking, and viewing. Correct grammar usage is taught through grammar units in the classroom and proofreading and correcting given sentences throughout the course of study. The course also involves a documentation unit and a vocabulary unit, which is interspersed through other units in the course. (R, 1)

Accelerated English I: Accelerated English I is by placement only. Accelerated English I is part of a special curriculum involving Accelerated English I, Accelerated English II, Accelerated English III and Advanced Placement English IV. These classes meet the English requirements for graduation and for college entrance. (Students must enter the program in the 9th grade and continue through the 12th grade as part of the requirements for consideration for valedictorian, salutatorian, special honors, or honors.) Upon completion of the program, students should be well prepared for college English courses and may take the Advanced Placement Exam given in May of the senior year. Students who score at acceptable levels on the AP Exam may earn from three to six hours of college credit in English, depending upon the college they choose to attend. Weighted; (R, 1)

English II: This course reinforces grammar and usage skills to which students have already been introduced. The students read short stories, plays, poems, myths, essays, and a novel. Reading comprehension is stressed as well as understanding of literacy techniques. Vocabulary, composition, and communication skills are also emphasized. (R, 1)

Accelerated English II: This course is designed for the more advanced sophomore student. Students are expected to possess good reading and writing skills and the maturity to work on their own without the need for constant supervision. The course covers the same core curriculum as regular English II with more outside reading and more literary analysis. Weighted; (R, 1)

English III: This course consists of a final review of basic constructions and a study of Standard Service usage. The course also consists of a survey of American literature as seen through the authors and their works. Each student will study at least one novel. (R, 1)

Accelerated English III: Accelerated English consists of the same format as regular English III, but each student will study several novels, complete outside projects and essays, oral presentations and a mini-term paper. The grammar and literature concepts will be more in-depth studies. Weighted; (R, 1)

English IV: English IV reinforces and expands on previously learned communication skills to prepare students to enter college or the job market. Students study the literature of England and in addition will write essays and a term paper. (R, 1)

AP English Literature and Composition IV: AP English Literature and Composition is a rigorous course for high-achieving, senior students who wish to seek college credit and/or placement from institutions of higher learning. It fulfills the criteria for the AP English Literature Examination. Students will be challenged to read widely and write analytically about what they have read. Many colleges grant credit for students who pass the AP Exam. Students should consult the colleges in which they are interested to see how those particular colleges grant credit based on scores on the AP exam. Weighted; Cost: $89.00 (E, 1)

Dual Enrollment - NWCC English Composition I (Engl 1113): English 1113 is a college composition course offered to seniors by Northwest Community College. It is a semester course that fulfills high school

graduation requirements and counts as three credit hours on a student's college transcript. It is a college class offered on Lafayette High School's campus. The course is a study of grammar and composition, with emphasis on the sentence and the paragraph. Readings and frequent themes required. Weighted; Cost: $95.00 (E, 1)

Dual Enrollment - NWCC English Composition II (Engl 1123): ENG 1123 is a continuation of ENG 1113 with emphasis on research and composition. Readings, a variety of writing assignments, and a research paper are required. The prerequisite for this course is ENG 1113 English Composition I. Weighted; Cost:$95.00(E, 1)

Survey of Writing: The Survey of Twentieth Century Writing course covers major writers and themes from World War I to the present time. The student will recognize major themes present in twentieth century writing and will have a greater awareness of events and writings that have shaped and been part of the ideas and culture. This course prepares sophomores for success in AP Literature and is a pre-requisite for AP Literature for juniors.

Oral Communication: Public Speaking is designed to give the students an opportunity to learn proper verbal communication methods. Throughout the year the students will study outstanding speakers, learn organizational skills for several types of speeches, and will present speeches to the class. Each student is encouraged to develop his/her abilities to communicate so that the experiences can be used after graduation when entering college or a job. (E, ½)

Introduction to Journalism (Entrepreneurship): Introduction to Journalism students will develop skills in newspaper production and journalism ethics. They will develop skills in writing news, sports, editorials, and feature articles. Students will also learn the layout process and newspaper development. Emphasis will be placed on following current events as reported in the news media. (E, 1)

Journalism Laboratory I, II, III: In Journalism Laboratory, students will perform specific duties with leadership functions to be outlined, assigned, and evaluated by the advisor/teacher according to the nature of the publication and staff organization. Development and evaluation of skills will be individualized and performance-based, varying in publication style and content and in nature of assigned duties. By the Laboratory II level, individual skills should be developed to marketable levels with decision-making capabilities for entry-level positions in the field or on college publication staffs. The publications from these classes should be distributed for critical appraisal and enjoyment of others and entered for critical review by a rating service outside the school. In Laboratory III, students assume management/editorial positions for the publications staff in addition to duties acquired in previous laboratories. This is a full year, one credit course. (E, 1)

Annual (Entrepreneurship): A skills class that combines journalism, marketing, and design to produce the school's annual publication. Students learn communication, sales, photography, and design skills as they create a solely student based publication for profit and regional competition. (E, 1)

Foreign Language

A foreign language is not required for graduation from Lafayette; it is a requirement for entrance into a four-year college.

Mandarin Chinese I: Chinese, a member of the Sino-Tibeta family, is a language used by over one billion people, nearly a quarter of the world's population. About 70% of Chinese speak "Mandarin" which is the major dialect of China. Unlike most languages, Chinese has a unique ideographic writing system, which provides visual comprehensibility. Proficiency in Mandarin Chinese is a unique enhancement to a diverse range of career fields, including business, engineering, the sciences, economics, international studies, political science, medicine and sociology. (E, 1)

Mandarin Chinese II: This course is a continuation of Mandarin Chinese I. (E, 1)

German I: This course is an introduction to the study of the German language and its culture. A general introduction to the culture, its products (e.g., art, foods, laws, music, visual and print media), perspectives (e.g., meanings, attitudes, values, beliefs), and practices (e.g., patterns of social interaction) are integrated throughout German I. (E, 1)

German II: This course provides students with opportunities to continue the development of their listening, speaking, reading, and writing skills. Students should participate in simple, real-life conversation that incorporates learned elements of the language and culture. Students should compose sentences which narrate, describe, compare, and summarize familiar topics from the target culture. Students should a better understanding of the similarities and differences between cultures and languages and examine the influence of the beliefs and values of the target culture(s). Prerequisite: 75 average in German I (E. 1)

Spanish I: Spanish I provides for basic proficiency in four skills of language learning listening, speaking, reading and writing. Lesson topics deal with student's daily life--family, school, friends, food and leisure-time activities--and with the culture and history of Spanish-speaking countries. There is strong emphasis on grammar structure. Vocabulary building is essential and is tested frequently. (E, 1)

Spanish II: Spanish II is similar to Spanish I in its review of grammar structure and vocabulary building. But there is a greater emphasis on conjugation of verbs in all tenses and on translation skills. Translation is more in-depth. The use of an approved Spanish/English dictionary is required. Prerequisite: 75 average in Spanish I. (E, 1)

Spanish III: Spanish III involves a review of all grammar taught in Spanish I and Spanish II. There will be an introduction of some new vocabulary and review of previous vocabulary words. Oral proficiency, both reading and conversation, will be stressed. The actual literature of Spain and Hispanic America will be introduced. Prerequisite: 80 average in Spanish II. Weighted (E, 1)

Spanish IV: Spanish IV involves a review of all grammar from the previous three years of Spanish. Oral proficiency in both reading and conversation is required. Prerequisite: 85 average in Spanish III; Weighted (E, 1)

Mathematics

Foundations of Algebra: Foundations of Algebra is designed to provide a basis for curriculum development for rising 9th grade students in need of substantial support prior to taking Algebra I. This course focuses on equations, inequalities, functions, polynomials, geometry and statistics as well as the standards of mathematical practice. (R, 1)

Algebra I: Algebra I provides a foundation in the language, basic skills and concepts of algebra. Topics included are: rational numbers, algebraic expressions, linear equations, polynomials, factoring applications, inequalities, and graphing. Emphasis will be placed on number sense/numeration/operations, patterns/relations/functions, algebra, measurement, geometry, and statistics/probability. (R, 1)

Geometry: Geometry is the development of a logical mathematical system from a set of undefined terms, defined terms, axioms, postulates, and theorems. Topics include special relationships among points, lines and planes, angle relationships, triangles, polygons, circles, solids, and constructions. Prerequisite: Algebra I and Algebra II; (R, 1).

Algebra II: Algebra II is a continuation and extension of the skills developed in Algebra I. Topics studied include linear equations, relations and functions, polynomials, rational expressions and equations, radicals, quadratic equations, and systems of linear and quadratic equations. Prerequisites: Algebra I; (R, 1)

Advanced Math Plus: This course serves as an extension of algebraic and geometric skills, combining the two to form a foundation for success in calculus. Emphasis is placed on number sense/numeration/operations,

patterns communication, connections, estimation, assessing, measurement, statistics/probablilty and using technology. The course extends algebraic skills to the exploration of circular and triangular functions with their properties and graphs. Instruction should encompass problem solving, reasoning, communicating, connecting, estimating, and assessing.

Algebra III: This course covers quadratics, conics, polynomials, functions, logarithms, clever factorizations and substitutions, systems of equations, sequences and series, symmetric sums, advanced factoring methods, classical inequalities, and functional equations. This class covers much of the curriculum of a standard Algebra 2 class and most of the non-trigonometric topics of a typical pre-calculus course. It also includes many challenging aspects of algebraic problem solving that are beyond that presented in a typical Algebra 2 or pre-calculus course. This course is designed to prepare students for AP Calculus/College Calculus. (E, 1)

SREB Ready for college-level math: The Math Ready course focuses on fifty-two key readiness standards as well as the ten Standards of Mathematical Practices needed for students to be ready for postsecondary academic fields or majors. It is designed to be taught in a new way based heavily on conceptual teaching and learning. Pre-requistes are algebra I, algebra II and geometry since it is limited to seniors. (E, 1)

A.P. Calculus: The A.P. Calculus course is intended for those students who wish to seek college credit and/or placement from institutions of higher learning. It fulfills the criteria for the Calculus AP Examination. It is also intended for students who have a thorough knowledge of college preparatory mathematics, including algebra, geometry, trigonometry, rectangular and poplar coordinates equations, and graphs, lines and conics sections. Explorations should emphasize number sense/operations, patterns, relations, functions, algebra, measurement geometry, and statistics/probability. Instruction should encompass problem solving, communicating, and reasoning, connecting, estimating, assessing, and using technology. Students should gain confidence in their ability to analyze and process calculus with elementary functions. This course is designed to be a full year, one credit course. Prerequisites: Advanced Math and teacher recommendation. Weighted; Cost: $89.00 (E, 1)

Science

Intro to Biology: This class is and introductory class that will provide students with an overview of basic Biology with an emphasis on organizational skills, critical thinking, reasoning skills, and methods of science. Students will be introduced to the laboratory and scientific literature as investigative tools of science with an emphasis on critical analysis and concept comprehension. This course cannot be taken if a student has successfully completed Biology I. Lab Fee: $10.00 (E, 1)

Biology: Biology I is an introductory, laboratory-based course designed to relate basic information of living organisms and their chemical and energy requirements, with their physical environment. Students should apply scientific methods of inquiry and research in examination of the following topics: chemical basis of life; cell structure, function, and reproduction; energy; molecular basis of genetics; natural selection and diversity; and ecology. Lab Fee: $10.00 (R, 1)

Physical Science: Physical Science is an introductory, laboratory-based course that will investigate matter and energy, basic chemistry, forces and motion, sound and light, and electromagnetism. This is a one year, one credit course. This Course cannot be taken after a student has completed Physics or Chemistry. Lab Fee: $10.00 (E, 1)

Earth Science: Earth Science 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. Prerequisite: Biology I; Lab Fee: $10.00 (E, 1)

Aerospace Science: The Aerospace Studies course provides opportunities for students to develop and communicate an understanding of aerodynamics through lab-based activities, mathematical expressions, and concept exploration. Concepts covered in this course include aerodynamics, instrumentation, aircraft's

propulsion, navigation, and history of flight. Laboratory activities allow students to observe and analyze aerodynamic situations as they relate to physical laws and concepts. Research, the use of technology, and the effective communication of results through various methods are integral components of this course. This is a one-semester, one-half credit course. Prerequisite: Biology I; Lab Fee: $5.00 (E, ½)

Environmental Science: Environmental Science is a laboratory-based or field-based course that will explore ways in which the environment shapes living communities. Interactions of organisms with their environment will be emphasized along with the impact of human activities on the physical and biological systems of the earth. This is a one-semester, one-half credit course. Prerequisite: Biology I; Lab Fee: $5.00 (E, ½)

Botany: Botany is a laboratory-based course applying basic biological principles to the study of plants. Topics studied will include morphological characteristics of each kingdom and ariation in their reproduction, taxonomy and physiology. This is a one-semester, one-half credit course. Prerequisite: Biology I; Lab Fee: $5.00 (E,1)

Human Anatomy & Physiology: Human Anatomy & Physiology is a study of the anatomy (structure) and physiology (function) of the human body. The study starts with the simplest part, the cell, and continues upward to the complex systems of the body. Each of the ten systems are then taught in detail, including the parts that make them up and the function of each part. One hour labs are conducted after each chapter relating to anatomy or physiology of the topic we are covering at that time. Human Physiology is an advanced level biology course. Prerequisites: 82 or above in Biology I and teacher signature Lab Fee: $10.00 (E, 1)

Chemistry I: This course of study is basically that of inorganic chemistry. The format of the course includes chemical changes that occur in nature as well as those that occur in the laboratory. Weekly laboratory sessions give the student a chance to work with the actual chemicals being studied. Prerequisites: Algebra I and Biology. Algebra II may be taken concurrently with this course. Lab Fee: $10.00 (E, 1)

AP Chemistry I: This course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. This class will take two periods in a student's schedule and earn two credits (one credit may go toward your special graduation requirements for science). (Taking the AP Exam is required.) Cost: $89.00 + $10.00 Lab Fee; Prerequisites: Chemistry I and Algebra II; Weighted (E, 2).

Physics: This course is offered to give students, both those who are planning to go to college as well as those who are not, an overview of the basic concepts in physics as encountered in daily life without fancy mathematics. The topics include mechanics, heat, sound, light, and electricity. Emphasis will be placed on demonstration and laboratories with student participation. Prerequisites: Algebra I and Geometry; Biology I and Chemistry I or Physical Science; Lab Fee: $10.00; Weighted (E, 1)

Dual Enrollment - NWCC Principles of Biology I Lecture and Lab (Bio1113/1111): Principles of Biology is a lecture and lab-based course for non-science majors that provides an introduction to the basic principles of modern biology and their relevance to modern life. Emphasis is placed on the nature and history of scientific thought, basic biological chemistry, cell structure and processes, and genetics. This course will provide students with a thorough understanding of science and the study of life focusing on the molecules of life, cell structure and function, cell division and metabolism, cellular energetics (respiration and photosynthesis), genetics, molecular biology and modern biotechnology. Cost: $95.00; Weighted (E, 1)

Agriscience

Concepts of Agriscience: Concepts of Agriscience is a course to introduce students to the sciences, technologies and applied practices of the progressive agriculture/agriscience industry. Emphasis is on active learning environment enriched with technology and science-based applications. The course serves as the entry-level for other courses in agriculture. Concepts of Agriscience covers subjects such as animal science, plant science, environmental science and agriculture mechanization. Offered to students in grades 9-10, the focus is to begin the preparation of students for further study leading to successful careers in the agricultural industry. This course counts as a science credit. (E, 1)

Science of Animal Agriculture: Science of Animal Agriculture is designed as a one-hour course that offers in-depth study of the animal industry. This includes both traditional livestock and poultry enterprises as well as companion and service animals. An emphasis is on the production methods used in beef, swine, dairy and poultry operations. The course also includes equine science companion, laboratory animal care, and aquaculture. Instruction is under girded with fundamentals of biological science. Prerequisite: Concepts of Agriscience (E, 1)

Science of Plant Agriculture: The Science of Agriculture Plants is a course which develops competencies related to the production of plants for food, fiber, ornamental and other purposes. It includes instruction in the basic principles of plant science as well as cultural practices and use of technology to efficiently and effectively meet consumer needs. Plant growing structures, plant classification, growth, propagation, culture, pests, harvesting, and marketing are included. Prerequisite: Concepts of Agriscience (E, 1)

Agriculture Leadership and Personal Development: Agricultural Leadership and Personal Development is a course to introduce the student to the skills, attitudes and habits that will enable them to be good leaders within Agriculture and life. The program includes instruction in workplace skills, time management and money management related to Agricultural Leadership and Personal Development. Students in the course will participate in active learning exercises including integral activities of the FFA organization and supervised experiences. (E,1/2)

Health & Physical Education

Family & Individual Health: This course focuses on the total health of the individual. This ten unit course includes units on personal, mental and social health; human growth and development; disease prevention and control; nutrition and fitness; substance abuse prevention; community and environmental health; safety and first aid; and consumer health. JROTC II can take the place of this ½ credit. (R, ½)

Physical Education: Physical Education focuses on “personal fitness”. It involves classroom instruction combined with physical activity. Concepts include muscular and cardiovascular endurance, flexibility, strength and body composition. JROTC, band, softball, football, basketball, or baseball may take the place of this ½ credit. (R, ½)

Yoga: Yoga is a PE class focused on building strength, flexibility, and balance. Students learn and practice the basics of a regular yoga practice, working to calm the mind and breath through yoga poses. Students also gain awareness of basic nutrition and a healthy lifestyle. (R, ½)

Social Studies

Mississippi Studies: This is a one semester required course. Students will study Mississippi’s history, its people, geography, government, literature, art, and music. (R, ½)

Introduction to World Geography: Introduction to World Geography is designed to provide students with the skills to ask geographical questions, acquire geographical information, arrange geographical information, analyze geographical information, and answer geographical questions. Students will master these skills by studying the six essential elements of geographic content—the world in spatial terms, places and regions,

physical systems, human systems, environment and society, and the uses of geography. This is a one-semester course. (R, ½)

World History: World History is required and is designed to provide an understanding of the development of differing cultures, to provide knowledge of other nations, to enlarge the student's vocabulary, and to emphasize the importance of maintaining a democratic society in a changing world. (R, 1)

U.S. History since 1877: U.S. History is required and is designed to provide knowledge of the founding of our nation and its history and to foster an appreciation and respect for our democratic ideals and practices. (R, 1)

AP U.S. History: The A.P. U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. (R, 1)

U.S. Government: U.S. Government is required and is designed to help each student develop an awareness of the basic structure of our government and of his rights and responsibilities in a democracy. (R, ½)

Economics: Economics is a social science that deals with the way society produces and distributes the goods and services that it wants. Students who study economics learn to discriminate between our free enterprise system and other rival systems. (R, ½)

AP U.S. Government: AP U.S. Government will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics. Students should become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. This class fulfills the criteria for the AP Exam. (Taking the AP Exam is required.) Students must have earned an 85 in Accelerated English and U.S. History to take this course. Cost: $89.00; Weighted (E, ½)

AP Economics: AP Economics will 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. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. This class fulfills the criteria for the AP Exam. (Taking the AP Exam is required.) Students must have earned an 85 in Accelerated English and U.S. History to take this course. Cost: $89.00; Weighted (E, ½)

Advanced World Geography: Advanced World Geography is designed to provide students with the skills to ask geographic questions, acquire geographic information, arrange geographical information, analyze geographical information, and answer geographical questions. Students will master these skills by studying the six essential elements of geographic content—the world in spatial terms, places and regions, physical systems, human systems, environment and society, and the uses of geography. This is a full-year course. (E,1)

Psychology: This course provides an introduction to the development of psychology as a science. It explores the factors that influence our perception of life. The stages of human growth and development are outlined from the prenatal period to young adulthood. Much of the course addresses such issues as: problems unique to adolescence, stress and how to properly cope with it, alcoholism in the family, eating disorders, and personality development. It will also provide a familiarization with creative thinking processes, behavior modification techniques, reasoning skills, our memory and how it works. Some mental disorders and abnormal behavior are explored. This course provides a good foundation for general psychology at the college level as well as providing a basis for dealing with people in everyday life. (E, ½).

Sociology: Sociology examines the ways people interact with one another. It involves learning about relationships within groups, the organization of societies, vital issues, and social problems. The field of sociology is designed to help man better understand himself and his relationship with others. (E, ½)

Business and Technology

STEM: Science, Technology, Engineering and Mathematics: Applications is a new instructional program that prepares students to engage in future academic and vocational courses of study in high school, community college, and Institutes of Higher Learning. Some of the areas of learning are: Leadership, Business, Management and Administration, Finance, Information Technology, and Architecture and Construction. This class meets the requirement for computer credit if no credit in Computer Discovery has been earned. Fee: $10.00 (R, 1)

Business Fundamentals: The Business Fundamentals course begins with an introduction to business and marketing fundaments. Major topics in this course include economics, business, management, entrepreneurship, business law, and personal finance. (R,1)

Financial Technology: Financial Technology allows the student to explore financial decision-making. It also helps each student utilize skills in money management, banking and tax planning. The course will accomplish this through the use of technological resources. Activities will include developing consumer skills, budgeting, comparison shopping, and securing credit. Prerequisite: 8th Grade Computer Discovery, ICT II or STEM (E, 1)

Web Page Design: Web Page Design is an introductory course that examines basic HTML editors and web publishing software. Course skills will include learning the essential ways to develop a web site and the evaluation of several HTML web-publishing packages. Prerequisite: 8th Grade Computer Discovery, ICT II or STEM; Fee: $5.00 (E, ½)

Graphic Design I: Graphic Design I is designed to provide the student an introduction to various graphic and image editing programs. Students will learn to consider standard design guidelines while developing their work for print or web use. Prerequisite: 8th Grade Computer Discovery, ICT II or STEM; Fee: $5.00 (E, ½)

Graphic Design II: Graphic Design II is a continuation of Graphic Design I. In this course, students will learn to use additional advanced features not covered in Graphic Design I. Students will continue exploring the design guidelines for creating effective and visually appealing projects. Prerequisite: Graphic Design I (E, ½)

Accounting I: This course will allow students to learn accounting terminology, principles, and procedures. The study of accounting will prepare students for accounting careers and for personal use, and will provide opportunities for further study. It is an essential course for college-bound students who plan to take business courses in college. It is also a valuable course for any student planning to enter the work world. Completion of class work activities will be done through the use of electronic accounting software, as well as manual record keeping. (E, 1)

Family Science

Child Development: This course is designed to help the student become aware of the responsibilities of parenthood. Emphasis is placed on decisions to be made in choosing to become a parent, family planning, preparation for parenthood, care of the newborn baby's physical needs in relation to his health and well-being, growth patterns, and developmental stages. (E, ½)

Family Dynamics*:* This course utilizes skills in critical thinking, decision-making, communication, conflict management, and resource management as they relate to personal development and responsible family and parenting decisions. The focus of the course is to provide knowledge and skills to grow as individuals and assume responsibility for the direction of life and to consider the demands and challenges involved in creating and maintaining a healthy family in today's society. Students will be required to assume responsibility for an electronic baby for a 24-hour period of time. Fee: $6.00 (E, ½)

Nutrition and Wellness: Nutrition and Wellness is a course which develops skills related to proper nutrition and the concept of overall wellness. It includes instruction in nutrition, exercise and diet, healthy food choices, meal preparation, and components for a healthy lifestyle. Fee: $5.00 (E, ½)

Resource Management: This course addresses the identification and management of personal resources and family finances to meet the needs and wants of individuals and families throughout the family life cycle, considering a broad range of economic, social, cultural, technological, environmental, and maintenance factors. (E, ½)

Driver Education

Driver Education: The course consists of thirty (30) hours of classroom instruction, twelve (12) hours of simulator instruction, and three (3) hours of practice driving**.** Fee: $25.00 (E, ½)

932nd AFJROTC Group

Air Force Junior ROTC I: This course uses the framework of military history to integrate the discipline of U.S. history, economics, and government. The course examines the historical development of flight, the role of the military in history, citizenship, economics, and various forms of government. The U.S. Constitution and rights and responsibilities of citizens in a democracy are studied. Concurrently, in leadership education, the cadets will study military traditions, personal responsibility, behavior, citizenship, and wellness. Cadets will also perform basic military drill movements and wear the prescribed Air Force Junior ROTC uniform one day each week. Wellness is an official part of the Air Force Junior ROTC program. It is an exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated with age and gender. (E, 1)

Air Force Junior ROTC II/III: This is an alternate year class with The Science of Flight taught one year and The Exploration of Space taught the next. However, one is not a prerequisite for the other. The Science of Flight integrates science, history, and geography to acquaint the cadet with the aerospace environment, the human physiological requirements of flight, aerodynamics and principles of navigation. A study of the weather along with the forces of lift, thrust, drag, and weight are covered. The Exploration of Space examines our solar system and manned space flight. The leadership portion covers effective communication skills, understanding individual and group behavior and basic leadership concepts one year and financial planning and career opportunities the next. Cadets continue to learn military drill movements and wear the prescribed Air Force Junior ROTC uniform on one day each week. Wellness is an official part of the Air Force Junior ROTC program. It is an exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated with age and gender. (E, 1)

Air Force Junior ROTC IV: This is a leadership class. Cadets manage the entire Cadet Corps during the fourth year. This hands-on experience affords Cadets the opportunity to put the theories of the previous leadership courses into full practice. All the planning, coordinating, directing, controlling, and decision-making will be done by the Cadets. These fourth year Cadets practice their communications, personal interactions, managerial, and organizational skills. Cadets will continue to practice drill and wear the prescribed Air Force ROTC uniform one day each week. Wellness is an official part of the Air Force Junior ROTC program. It is an exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated with age and gender. (E, 1)

One credit in the Arts is required for graduation. Choices are Band, Fine Arts, and the Gateway Program.

Band

Band: The band program at Lafayette is designed to expose the music student to the basic fundamentals of music notations, reading music, the basic skills of instrument playing from the beginning stages through the normal grade levels in school. During the course of study, the student will be given an opportunity to perform in small ensembles and full concert band, playing various types and styles of music, from 'pop' to classical. Students may be given an opportunity to perform solo works, either with full concert band, with the jazz band, or with their individual instrument with accompaniment. Included in the normal progression through their music career at Lafayette, students will be given instructions in the fundamentals of marching and marching performance. Fee: $40.00/ personal instrument used; $50.00 school-owned instrument used (E, 1)

Instrumental Ensemble: This course is designed to guide the development of the skills in instrumental music. Students must provide their own instruments. (E, 1)

Percussion Methods: This course will provide students with a practical approach to learning percussion. Topics will include note reading and basic playing techniques for snare drum, Timpani, Mallets, Drum Set and Latin Percussion instruments. Students will acquire basic proper technique used in developing percussion skills while also learning how music is notated for various percussion instruments. A variety of rhythms will be taught on snare drum, drum set, and Latin percussion instruments. This class is open to all students and they do not need to have prior experience in percussion or music. The class will be limited to 20 students and they will be required to buy a pair of drum sticks and practice pad. (E, 1)

Fine Arts

Visual Arts I, II, III, IV: This course is designed for students who have an interest in art. Talent is not required. Basics of drawing, painting, and sculpting will be taught. Also, careers in art will be covered. Fee: $15.00 (E, 1)

Drawing I: This course involves a broad range of drawing media, techniques, and processes. In this course, students will continue to develop prior knowledge and skills in the creation and study of works of art and design. Building on concepts and skills acquired in Visual Arts Level I, students will increase 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 art forms rendered and wet and dry drawing media with an emphasis on working in black and white with an introduction to color techniques. (E, ½)

Drawing II: This program of study involves a broad range of drawing media, techniques, and processes. In this course, students will continue to develop prior knowledge and skills in the creation and study of works of art and design. Building on concepts and skills acquired in Drawing I, students will increase their knowledge of production, critical analyses, history and culture, aesthetics, and connections among the visual arts, other content areas, and everyday life. Work will encompass two-dimensional art forms rendered and wet and dry drawing media with an emphasis on working in color with a continuation of skill development in black and white processes. (E, ½)

Music Appreciation: This course is designed to provide an overview of the historical development of music, music in our culture, music in the global culture, and the structure of music. This is not a choral music course. (E, 1)

Gateway Program

Intro to Gateway Theatre I, Gateway Theatre II, Gateway Theatre III, Gateway Theatre IV (Dramatic Criticism and Performance): You must audition for these courses which are offered to students in grades 9-12. Students must remain in good standing with school discipline rules. (E,1). *Dramatic Criticism and Performance is for the highest level drama student. The student must have taken and passed Introduction to

Gateway Theatre and Gateway Theatre II. The student may bypass one or more classes only with the teacher's agreement. The course consists of acting styles in various types of drama. Scenes will be studied and performed. The students will also work on developing their own scripts for performance/publication. The students will also analyze classic plays for exposition, plot, character, and theme. The student may also direct/act in scenes from movies, then video scenes for grades—perhaps going on "location". Students will be expected to pay for and to attend at least four Ole Miss Theatre productions and to write a review of the production for a grade**.** Fee: $20.00 (E, 1)

Gateway Music and Harmony: You must audition for this course. It is offered to students in grade 9-12. (E,1)

Oxford-Lafayette School of Applied Technology

The following courses are vocational/technical and work skills program offerings available to you through the Oxford-Lafayette School of Applied Technology. The TECH is the technical center for the school district. If you enroll in any of the following programs, successful completion could mean that you will be prepared for entry level employment in your area of study or college to continue your education on a more advanced level. When you find a program that interests you, consult with your high school counselor and the Tech counselor. The courses are listed on your choice sheet as electives. All the programs except Career Pathway Experience, requires two periods of your seven period day, whereas CPE requires one period a day. CPE students may drive their own vehicles to the Tech.

Health Science I: The first year of the secondary Health Science program introduces the student to the health careers field, the basic health sciences, and basic skills in both laboratory and clinical. Upon completion of this first year introductory program, the students should be competent as a general basic health assistant. The student will be better able to make a choice of a health occupation that he/she plans to pursue. This course is taught for one year, and it earns two Carnegie Units. Health Science will count toward one science credit for high school graduation. There is an application process for students who are interested in taking Health Science 1. A brief interview with the HS Instructor and a completed teacher recommendation form provided by the HS instructor is required. Since class sizes are limited, students are selected based on grades, interview and recommendations. This course is offered to students in grade 10 -12 Prerequisite: Biology I, Human A & P, or Chemistry I with an overall average of 75 or better (E, 2).

Health Science II*:* The emphasis of the second year is primarily to expose students to advanced skills in the various health occupations. Students will apply these skills during clinical experience rotations in selected health care facilities. This course is taught for one year and it earns two Carnegie Units. Course Outline—Health Science Cluster II—Title: Course Overview, Growth and Development, Funeral Service, Rehabilitative Health, Opticianary, Audiology and Speech Pathology, Pharmacology, Cardiopulmonary, Emergency Health Care, Mental Health, Infection Control, Direct Health Care, Public and Environmental Health Care, Laboratory and Radiology, Health Care Administration, Dental Health, Dietetics, Animal Health Care and Employability Skills. This course is offered to students in grades 11-12**.** Prerequisite: Health Science I (E, 2)

Students will be responsible for the following criteria for entrance of Health Science II:

- Have a TB skin test or the equivalent of (Chest x-ray) within 30 days prior to clinical experience.
- Evidence of Tetanus, MMR, and Hepatitis B or declination form.
- Transportation to and from clinical.
- Medical professional liability insurance ($15.00). This is required for clinicals.

Agricultural Power and Machinery I: This course is designed to prepare students in the mechanical field of agricultural machinery. Students gain a very broad knowledge and skill base because of the diversified areas of instruction. Students planning to enroll in this program should have a good foundation of basic math skills, reference skills and reading and comprehension skills. It can help lay the basic foundation for the following occupations: welder, agricultural machinery and equipment operator, mechanic, mechanics helper, agricultural

machinery parts manager and agricultural machinery salesman. First year students are instructed in the following areas: safety, tool identification, measuring, oxygen-acetylene cutting and welding, arc welding, MIG welding, small gas engine repair and overhaul, equipment maintenance, and spray painting. This course is offered to students in grades 9 -12. (E, 2)

Agricultural Power and Machinery II: In Agricultural Power and Equipment II students will receive more advanced repair and service procedures as applied to agricultural equipment, diesel engines and small engines. Advanced welding techniques will also be taught. Hands-on training will be emphasized. Students completing this program should have saleable skills for obtaining a job or the necessary background to pursue a community college program. Second year students learn the following: safety; diesel engine repair and overhaul; hydraulic systems; electrical systems; equipment operation and calibration; power train service and operation; and advanced welding. This course is offered to students in grades10-12. Prerequisite: Agriculture Power and Machinery I (E, 2)

Automotive Services Mechanic I: In Automotive Services I, the student will be taught the basic entry level skills of an automotive mechanic. They repair and service motor vehicle engines. This course is designed to prepare students for beginning level employment as an automotive mechanic. Every mechanical facet of an automobile is studied. This is a service trade which includes both diagnosis of malfunctions, as well as the repair, overhaul or replacement of components. First year students cover the following: orientation and safety; tools, equipment, and manuals; measurement; basic automotive service; basic electrical systems; and fuel systems. This course is offered to students in grades 9 -12. (E, 2)

Automotive Services Mechanic II*:* Students will study the advanced concepts in Automotive Services II and continue specialized training in automotive repair, maintenance and service. Students will receive more advanced repair and service procedures training which were begun in Automotive Services I. Second year students cover the following material: orientation and safety review; engine condition and overhaul; advanced electric systems; drive train and transmission; brakes and bearings; suspension system and front end alignment; and air conditioning and heating. This course is offered to students in grades 10-12. Prerequisite: Automotive Services Mechanics I (E, 2)

Teacher Academy I: This program is designed to attract students to the field of education, and to prepare students for the rigors of a career in education. Teacher Academy provides classroom and hands-on experiences that will prepare students for employment or continuing education in the education field. This course is opened to students in grades 9-12 (E, 2).

Teacher Academy II: This course is open to students in grades 10-12. Prerequisite: Teacher Academy I (E,2)

Construction I: This program is designed so the student will be introduced to carpentry skills. This is the first year of a two-year program for students interested in carpentry as an occupation. The "hands-on" method will be utilized with the construction of storage buildings. Students will receive experiences as follows: survey and plot layout; form setting; framing including sub-floors, exterior walls, squaring, sheathing and raising. Experiences may also include work with exterior trim, wall trim, roofing, dry wall, interior trim, tool identification, shop safety, blueprint reading, and estimating. First year students learn the correct and safe use of all hand and power tools. This course is open to students in grades 9 -12. (E, 2)

Carpentry II: Carpentry II will offer the student a second year to further develop and enhance the skills acquired during the first year. Construction projects will be the major emphasis. This course is open to students in grades 10-12. Prerequisite: Construction I (E, 2)

Manufacturing Fundamentals I: This first year course is designed to introduce the student to the use of various industrial machines and welding. The Metal Fundamentals program is designed to train in two different, but related areas. In machine shop, the student is taught how to use precision tools, make layouts on metal and set up and operate all machine tools accurately and safely. In welding, the student is taught how to set up

all welding equipment and to make welds in four positions. The student is also taught how to braze, solder and cut metal with the oxygen-acetylene torch. Students interested in this course should have a good foundation in basic math, good eye-hand coordination and good mechanical ability. Metal fundamentals students will develop a number of skills including: math computation; blue print reading; care and use of precision measuring tools; hand and bench work; operation of power saws and drill press; basic oxyacetylene welding, cutting and brazing; basic shielded metal arc welding, basic machine shop, and basic sheet metal. This course is open to students in grades 9 -12. (E, 2)

Metal Fabrications II: In this course students will receive more advanced instruction and training and expand on the areas covered in Metal Fundamentals I. Those who complete two years of this program may be qualified for entry level employment in the machine trades or may choose additional training on the community college level. Metal Fabrications II requires application of skills and knowledge acquired in Metal Fundamentals I. Instruction includes: advanced arc welding; MIG welding; TIG welding; advanced sheet metal; advanced machine shop. This course is open to students in grades 10 -12**.** Prerequisite: Manufacturing Fundamentals I (E, 2)

Hospitality Services I: This course introduces students to the hospitality and tourism industry and identifies some of the current and future trends affecting the hospitality and tourism industry and the impact this industry has on society and the global economy. Students will explore hospitality and tourism career opportunities and understand the skills and knowledge required to succeed in this field and the importance of offering outstanding customer services. The course also covers the main operational areas found in most lodging properties and the importance of adhering to safety policies and procedures to maintain a safe and secure environment for employees and guests This course is open to students in grades 10 -12. (E, 2)

Hospitality II: This course provides a more in-depth view of travel and tourism operations,management's role in sales and marketing and the employability skills needed to be successful in the workforce. Students will learn how food and beverage services function within the industry and the proper techniques used to set up banquets, catering functions, and gain an understanding of how resorts, cruise lines, recreational vehicles, and tent camping are part of the hospitality industry. This course will also provide an overview of the new technologies used to enhance productivity and competitiveness in the hospitality and tourism industry. (E, 2)

The Mississippi Career Pathway Experience (CPE) Program at the Oxford-Lafayette School of Applied Technology is designed for 11th and 12th grade students that combine work-readiness preparation, related occupational classroom instruction, along with worksite training related to a student's occupational training program or clearly designed occupational objectives. Upon completion of the program, the graduates are prepared to continue employment in their particular occupational choice or continue study in a vocational or technical post-secondary program, often with advanced placement. Also, after successful completion of the course, the student will earn 2½ credits while attending the Tech as scheduled and working a minimum of 15 hours per week for his/her CPE employer.

Career Pathway Experience (CPE) I*:* (A completed CPE application and an interview with the CPE instructor are required.) In the classroom, the student will learn the first year: human/interpersonal relations; safety & security in the workplace; applied mathematics; ethics in the workplace; leadership; time management; communication in the workplace; and individual job training**.** First priority is to a senior that has completed another course at the Tech, with instructor's recommendation. Second priority is a junior who will take CPE I & II. (E, 2½)

PREPARING for SUCCESS

A GUIDE TO ADMISSIONS

Effective fall 2012, the Mississippi Institutions of Higher Learning universities will admit Mississippi High School graduates under both a required and recommended College Preparatory Curriculum (CPC). The CPC identifying 15 ½ Carnegie units is the minimum required CPC for full admission and the 19 ½ Carnegie unit CPC is recommended for enhancing student readiness for university-level coursework.

College Prep Curriculum

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

- English: 4 Carnegie Units - All must require substantial communication skills components (i.e., reading, writing, listening, and speaking).

- Mathematics: 3 Carnegie Units - Includes Algebra I, Geometry, and Algebra II. A fourth class in higher-level mathematics is highly recommended.

- Science: 3 Carnegie Units - Biology, Advanced Biology, Chemistry, Advanced Chemistry, Physics, and Advanced Physics or any other science course with comparable rigor and content. One Carnegie unit from a Physical Science course with content at a level that may serve as an introduction to Physics and Chemistry may be used. Two of the courses chosen must be laboratory based.

- Social Studies: 3 Carnegie Units - Courses should include United States History (1 unit), World History (1 unit with substantial geography component), Government (½ unit), and Economics (½ unit) or Geography (½ unit).

- Advanced Electives: 2 Carnegie Units - Requirements may be met by earning 2 Carnegie units from the following areas/courses, one of which must be in Foreign Language or World Geography.

  - ❑ Foreign Language
  - ❑ World Geography
  - ❑ 4th year lab-based Science
  - ❑ 4th year Mathematics

- Computer Applications: ½ Carnegie Unit - The course should include use of application packages such as word processing and spreadsheets. The course should also include basic computer terminology and hardware operation.

- Pre-High School Units: Algebra I, first year Foreign Language, Mississippi Studies, or Computer Applications taken prior to high school will be accepted for admission provided the course content is the same as the high school course.

The **RECOMMENDED** CPC for enhanced readiness for university-level coursework is as follows:

- English: 4 Carnegie Units - Compensatory Reading and Compensatory Writing may not be included.

- Mathematics: 4 Carnegie Units - Includes Algebra I, Geometry, Algebra II, and any one Carnegie Unit of comparable rigor and content. (e.g., Advanced Algebra, Trigonometry, Pre-Calculus, Calculus, AP Calculus AB, AP Calculus BC, Discrete Mathematics, Probability and Statistics, or AP Statistics)

- Science: 4 Carnegie Units - Includes Biology I, Chemistry I, and any two Carnegie Units of comparable rigor and content. (e.g., Physics, Physical Science, Biology II, Chemistry II, AP Chemistry, Physics II, AP Physics B, AP Physics C – Electricity and Magnetism, and AP Physics C – Mechanics, Botany, Microbiology, or Human Anatomy and Physiology.)

- Social Studies: 4 Carnegie Units - Includes World History, U.S. History, Introduction to World Geography, U.S. Government, Economics, and Mississippi Studies. (Credit earned for a State/Local Government course in any other state may stand in lieu of Mississippi Studies.)

- Arts: 1 Carnegie Unit - Includes any one Carnegie Unit of visual and performing arts course(s) meeting the requirements for high school graduation.

- Advanced Electives: 2 Carnegie Units - Includes any two Carnegie Units of Foreign Language (I and II), Advanced World Geography and a Foreign Language (I) or any combination of English, mathematics, or lab-based science courses of comparable rigor and content to those required above.

- Computer Applications: ½ Carnegie Unit - Course should emphasize the computer as a productivity tool. Instruction should include the use of application packages, such as word processing and spreadsheets. The course should also include basic computer terminology and hardware operation.

- Pre-High School Units: Algebra I, first year Foreign Language, Mississippi Studies, or Computer Applications taken prior to high school will be accepted for admission provided the course content is the same as the high school course.