

Monroe City Schools



High School Registration Handbook 2016-2017

With the exception of courses that are a part of Carroll High School's medical magnet program, the District shall strive to have all courses listed in this course catalog taught at each high school. However, if a course (other than a magnet program course) is ultimately not taught at a given school, students at that school who wish to take that course will be given the opportunity to take the course at another school in the District. The District will provide free transportation to the course, at the student's request, and will adjust the student's schedule and the scheduling and location of the course, as necessary, to facilitate the student's attendance at the course.

Monroe City Schools

Mission Statement – The Monroe City School District is committed to excellence in teaching and learning. We hold high expectations for all students, parents, and staff. We share, with our community, the responsibility for providing a safe, caring environment designed to help students become productive citizens. We pledge all available resources to help prepare students to live and work in a rapidly changing technological society.

School Board Members

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District 2 – Mrs. Jennifer Haneline
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District 7 – Mrs. Brenda Shelling – Vice President

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Mrs. Sallie Sutherland, Child Welfare and Attendance Director
Mrs. Christie Taylor, Elementary Supervisor
Dr. Tammye Turpin, Federal Programs Director

High Schools

Carroll High School
2939 Renwick Street
(318) 387-8441
Principal – Mr. Patrick Taylor

Neville High School
600 Forsythe Avenue
(318) 323-2237
Principal – Ms. Whitney Martin

Sherrouse School
300 Sherrouse Avenue
(318) 343-3258
Principal – Mr. Bob Rash

Wossman High School
1600 Arizona Avenue
(318) 387-2932
Principal – Mr. Sam Moore, III



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General Course List				
	9 th grade	10 th grade	11 th grade	12 th grade
English	English I English I H/Pre-AP English I GT	English II English II H/Pre-AP English II GT	English III English III H/Pre-AP English III AP English III GT	English IV English IV H <i>English IV AP/GT</i> Senior Applications
Math	Algebra I Algebra I H/Pre-AP Geometry H/Pre-AP Integrated Math I	9 th grade courses & Algebra II Algebra II H/Pre-AP Geometry Integrated Math II	9 th /10 th gr. courses & Adv. Math – Functions <i>Adv. Math – Pre-calculus</i> Fin. Math/Literacy Math Essentials <i>Pre-calculus H/Pre-AP</i>	9 th /10 th /11 th gr. courses & <i>Calculus AP Probability and Statistics</i>
Science	Beginning Robotics Biology I Biology I H/Pre-AP Biology I GT	9 th grade courses & Earth Science Chemistry I Chemistry I H/Pre-AP Physical Science Phys. Sci. H/Pre-AP	9 th /10 th gr. courses & Anatomy and Physiology Biology II <i>Biology II H</i> Biology II AP Chemistry II AP Environmental Science Environmental Science AP Physics H (12 th grade)	
Social Studies	World Geography World Geography H/Pre-AP	Civics Civics H/Pre-AP Civics GT	9 th /10 th gr. courses & <i>Criminal Justice Psychology Sociology US Government AP</i> US History	US History AP US History H <i>Western Civilization World History</i>
Foreign Language	French I Latin I H Spanish I Spanish I H Spanish II H	9 th grade courses & French II <i>Latin II H</i> Spanish II Spanish III H	9 th /10 th gr. courses & French III H <i>Latin III H</i> Spanish IV H	9 th /10 th /11 th gr. courses & French IV H
Electives	Advanced Band Adv. Chorus – Men Adv. Chorus – Women Adv. Orchestra Applied Music Art I Art I – Talented Basic Technical Drafting Beginning Band Beginning Choir Beginning Debate Business Computer Apps Business Law Career Explorations Family and Cons.Sci. I Fine Art Survey First Responder General Tech Ed Health Horticulture Intro. to Business Computer Apps JAG JROTC I Media Arts I PE I Principles of Business Reading I Speech I Varsity Speech I	9th grade courses & Accounting Adult Responsibilities Advanced Foods Art II Art II – Talented Basic Wood Tech Business Comm. Career Skills – Business Career Skills – Health Career Skills – Tech/NCCER Child Development Clothing & Textiles Comp. Science I Crafts I Debate II Family and Consumer Sci. II Family Life Ed. Food & Nutrition Intro to Health Occupations JROTC II Media Arts II Medical Terminology PE II Reading II Secondary Incentive Speech II Sports Medicine Varsity Speech II Web Page Design	9th/10th gr. courses & ACT Prep Administrative Support Occupations Adv. Food & Nutrition Advanced Wood Tech Art III – Talented Art History AP Crafts II Debate III DES – ACT Prep Desktop Publishing Career Readiness Computer Tech Lit Customer Service Entrepreneurship <i>Fine Arts Survey</i> First Responder JROTC III Media Arts III Nurse Assistant Outdoor Power Equipment PE III Publications I (Yrbk) Studio Art AP Speech III Varsity Speech III Welding I	9th/10th/11th gr. courses & Art IV – Talented Debate IV JROTC IV Media Arts IV PE IV Pharmacy Tech Publications II (Yrbk) Speech IV Studio Art Varsity Speech IV <i>Courses for which dual enrollment credit may be earned are listed in italics. ACT, GPA, and college admissions requirements apply for dual enrollment.</i>

Graduation Requirements

(Incoming Freshmen 2014-2015 and beyond)

<i>Career Diploma</i>	<i>Decide Your Diploma after 10th grade</i>	<i>LA Core 4 Curriculum (TOPS aligned)</i>
<p style="text-align: center;">English - 4 Units</p> <ul style="list-style-type: none"> •English I, English II, and two from English III, English IV, Business English, Technical Reading and Writing <p style="text-align: center;">Math - 4 Units</p> <p>One of the following:</p> <ul style="list-style-type: none"> •Algebra I or Integrated Math I •The 3 remaining units come from the following: Integrated Math II, Integrated Math III, Geometry Financial Literacy, Math Essentials, Algebra II, Advanced Math-Functions and Statistics, Advanced Math-Pre-Calculus, Discrete Mathematics, or local course(s) approved by BESE <p style="text-align: center;">Science - 2 Units</p> <ul style="list-style-type: none"> •Biology •1 unit from the following: Physical Science, Chemistry, Earth Science, Environmental Science <p style="text-align: center;">Social Studies - 2 Units</p> <ul style="list-style-type: none"> •US History or AP US History •1 unit from the following: Civics or AP Government & Politics/Economics <p style="text-align: center;">P.E./Health – 2 Units</p> <p>Health - 1/2 Unit Physical Education -1 ½</p> <ul style="list-style-type: none"> •JROTC I and II may be used to meet the Health Education requirement provided the requirements in Section 2347 of Bulletin 741 are met. <p style="text-align: center;">Career and Technical Education - 9 Units</p> <ul style="list-style-type: none"> • Career Exploration 9 or Journey to Careers or JAG- Jobs for American Graduates JUMPSTART Course Sequences, Workplace Experiences, and Credentials <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;">Total - 23 Units</p> <p>**Students must obtain an industry based certification (approved statewide or regional credential) in order to graduate.</p>	<p>9th Grade</p> <p>Basic Prerequisite Curriculum</p> <p>10th Grade</p> <p>Basic Prerequisite Curriculum</p> <p>JUMPSTART</p> <p>Career Diploma</p>  <p>OR</p>  <p>Louisiana</p> <p>Core</p> <p>4</p> <p>Curriculum</p>	<p style="text-align: center;">English - 4 Units</p> <ul style="list-style-type: none"> •English I, II, III, IV <p style="text-align: center;">Math - 4 Units</p> <ul style="list-style-type: none"> •Algebra I or Integrated Math I •Geometry or Integrated Math II •Algebra II or Integrated Math III •Remaining unit from the following: Math Essentials, Advanced Math/Pre-Calculus, Advanced Math-Functions and Statistics, Pre-Calculus, Calculus, Probability and Statistics, Discrete Math, or a local math elective approved by BESE <p style="text-align: center;">Science - 4 Units</p> <ul style="list-style-type: none"> •Biology •Chemistry •2 units of the following: Physical Science, Integrated Science, Physics I, Physics of Technology I, Aerospace Science, Biology II, Chemistry II, Earth Science, Environmental Science, Physics II, Physics of Technology II, Agriscience II, or a local science elective approved by BESE* <p style="text-align: center;">Social Studies - 4 Units</p> <ul style="list-style-type: none"> • US History or AP US History • Civics or AP American Government •1 unit from the following: World History, World Geography, Western Civilization, or AP European History •1 unit from the following: World History, World Geography, Western Civilization, AP European History, Civics (second semester - 1/2 credit), Law Studies, or African-American Studies* <p style="text-align: center;">P.E./Health – 2 Units</p> <p>Health - 1/2 Unit</p> <ul style="list-style-type: none"> •JROTC I and II may be used to meet the Health Education requirement provided the requirements in Section 2347 of Bulletin 741 are met. <p>Physical Education - 1 1/2 Units</p> <ul style="list-style-type: none"> •Physical Education I and Physical Education II, or Adapted Physical Education for eligible special education students. A maximum of 4 units of Physical Education may be used toward graduation •NOTE: The substitution of JROTC is permissible <p style="text-align: center;">Foreign Language - 2 Units</p> <ul style="list-style-type: none"> •2 units from the same foreign language or 2 units of speech <p style="text-align: center;">Arts - 1 Unit</p> <ul style="list-style-type: none"> •1 unit Fine Arts Survey or 1 unit of Art (§2333), Dance (§2337), Music (§2355), Theatre Arts (§2333), or Applied Arts* <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;">Total - 24 Units</p>

Graduation Requirements
(Incoming Freshmen 2008-2009 through Class of 2017)

Career Diploma	Basic Core Curriculum	LA Core 4/TOPS Curriculum
<p align="center">English - 4 Units</p> <ul style="list-style-type: none"> •English I, English II •The remaining unit shall come from the following: <ul style="list-style-type: none"> ◦Technical Reading and Writing ◦Business English ◦Business Communications ◦Using Research in Careers (1/2 credit) ◦American Literature (1/2 credit) ◦Film in America (1/2 credit) ◦English III ◦English IV ◦Senior Applications in English ◦A course developed by the LEA and approved by BESE <p align="center">Math - 4 Units</p> <p>One of the following:</p> <ul style="list-style-type: none"> •Algebra 1 (1 unit) or •Algebra 1-Part 1 and Algebra I-Part 2 (2 units) or •Applied Algebra (1 unit) •The remaining units come from the following: Geometry or Applied Geometry, Technical Math, Medical Math, Applications in Statistics and Probability, Financial Math, Math Essentials, Algebra II, Advanced Math-Pre-Calculus, Discrete Mathematics, or local course(s) approved by BESE <p align="center">Science - 3 Units</p> <ul style="list-style-type: none"> •Biology •1 unit from the following Physical Science cluster: Physical Science, Integrated Science, Chemistry I, ChemCom, Physics I, or Physics of Technology I •The remaining unit shall come from the following: Food Science, Forensic Science, Allied Health Science, Basic Body Structure and Function, Basic Physics with Applications, Aerospace Science, Earth Science, Agriscience II, Physics of Technology II, Environmental Science, Anatomy and Physiology, Animal Science, Biotechnology in Agriculture, Environmental Studies in Agriculture, Health Science II, EMT-Basic, an additional course from the Physical Science cluster, or local course(s) approved by BESE <p align="center">Social Studies - 3 Units</p> <ul style="list-style-type: none"> •American History •Civics •1 unit from the following: Child Psychology and Parenthood Education, Law Studies, Psychology, Sociology, World History, World Geography, Western Civilization, Economics, American Government, African American Studies, or local course(s) approved by BESE <p align="center">P.E./Health – 2 Units</p> <p>Health - 1/2 Unit</p> <ul style="list-style-type: none"> •JROTC I and II may be used to meet the Health Education requirement provided the requirements in Section 2347 of Bulletin 741 are met. Physical Education - 1 1/2 Units •JROTC may be substituted. <p align="center">Career and Technical Education - 7 Units</p> <ul style="list-style-type: none"> •Education for Careers or Journey to Careers* •6 credits required for a career Area of Concentration* <p>*Take effect for incoming freshmen in 2010-2011 and beyond</p> <hr/> <p align="center">Total - 23 Units</p>	<p align="center">English - 4 Units</p> <ul style="list-style-type: none"> •English I, II, III, IV or Senior Applications in English <p align="center">Math - 4 Units</p> <ul style="list-style-type: none"> •Algebra I, Applied Algebra I or Algebra I-Pt. 1 and Algebra I-Pt. 2 (2 units) •Geometry or Applied Geometry •Remaining unit from the following: Algebra II, Financial Mathematics, Math Essentials, Advanced Math—Pre-Calculus, Advanced Math—Functions and Statistics, Pre-Calculus, Calculus, Probability and Statistics, Discrete Mathematics, or a local math elective approved by BESE <p align="center">Science - 3 Units</p> <ul style="list-style-type: none"> •Biology •1 unit from the following Physical Science cluster: Physical Science, Integrated Science, Chemistry I, Physics I, Physics of Technology I •1 unit from the following: Aerospace Science, Biology II, Chemistry II, Earth Science, Environmental Science, Physics II, Physics of Technology II, Agriscience II, Anatomy and Physiology, an additional course from the physical science cluster, or a local science elective approved by BESE ◦Students may not take both Integrated Science and Physical Science ◦Agriscience I is a prerequisite for Agriscience II and is an elective course <p align="center">Social Studies - 3 Units</p> <ul style="list-style-type: none"> •American History, Civics or AP American Government, and one of the following: World History, World Geography, Western Civilization, or AP European History <p align="center">P.E./Health – 2 Units</p> <p>Health - 1/2 Unit</p> <ul style="list-style-type: none"> •JROTC I and II may be used to meet the Health Education requirement provided the requirements in Section 2347 of Bulletin 741 are met. Physical Education - 1 1/2 Units •Physical Education I and Physical Education II, or Adapted Physical Education for eligible special education students. A maximum of 4 units of Physical Education may be used toward graduation •NOTE: The substitution of JROTC is permissible <p>Education for Careers or Journey to Careers* - 1 Unit</p> <p align="center">Electives - 7 Units</p> <p>Shall include the minimum courses required to complete a Career Area of Concentration*</p> <p>*Take effect for incoming freshmen in 2010-2011 and beyond</p> <hr/> <p align="center">Total - 24 Units</p>	<p align="center">English - 4 Units</p> <ul style="list-style-type: none"> •English I, II, III, IV <p align="center">Math - 4 Units</p> <ul style="list-style-type: none"> •Algebra I or Algebra I-Pt. 2 •Geometry •Algebra II •Remaining unit from the following: Financial Math, Math Essentials, Advanced Math/Precalculus, Advanced Math-Functions and Statistics, Pre-Calculus, Calculus, Probability and Statistics, Discrete Math, or a local math elective approved by BESE <p align="center">Science - 4 Units</p> <ul style="list-style-type: none"> •Biology •Chemistry •2 units of the following: Physical Science, Integrated Science, Physics I, Physics of Technology I, Aerospace Science, Biology II, Chemistry II, Earth Science, Environmental Science, Physics II, Physics of Technology II, Agriscience II, Anatomy and Physiology, or a local science elective approved by BESE* <p align="center">Social Studies - 4 Units</p> <ul style="list-style-type: none"> • American History • Civics or AP American Government •1 unit from the following: World History, World Geography, Western Civilization, or AP European History •1 unit from the following: World History, World Geography, Western Civilization, AP European History, Civics (second semester - 1/2 credit), Law Studies, Sociology, or African-American Studies* <p align="center">P.E./Health – 2 Units</p> <p>Health - 1/2 Unit</p> <ul style="list-style-type: none"> •JROTC I and II may be used to meet the Health Education requirement provided the requirements in Section 2347 of Bulletin 741 are met. Physical Education - 1 1/2 Units •Physical Education I and Physical Education II, or Adapted Physical Education for eligible special education students. A maximum of 4 units of Physical Education may be used toward graduation •NOTE: The substitution of JROTC is permissible <p align="center">Foreign Language - 2 Units</p> <ul style="list-style-type: none"> •2 units from the same foreign language or 2 units of speech <p align="center">Arts - 1 Unit</p> <ul style="list-style-type: none"> •1 unit Fine Arts Survey or 1 unit of Art (§2333), Dance (§2337), Music (§2355), Theatre Arts (§2333), or Applied Arts* <p align="center">Electives - 3 Units</p> <hr/> <p align="center">Total - 24 Units</p>

2016-2017 Testing Schedule

ACT and SAT testing is open to students in grades 9 to 12. It is recommended that students begin taking standardized tests as soon as possible. Colleges always consider the highest scores submitted by deadlines for admissions and scholarships so taking a test multiple times can only help students.

High School Codes:

Carroll HS – 191815 Neville HS – 191825 Wossman HS - 191843



ACT Testing – Costs	ACT Test (No Writing)	\$39.50	*There is no fee for the March 1st State ACT Test.
	ACT Test with Writing	\$56.50	
	Late Registration	\$25.00	

Register online at www.act.org for tests other than March state testing.
 Fee waivers may be available. See your counselor for more information.

Test Date	Registration Deadline	Late Registration
September 10, 2016	August 5, 2016	August 6-19, 2016
October 22, 2016	September 16, 2016	September 17-30, 2016
December 10, 2016	November 4, 2016	November 5-18, 2016
February 11, 2016	January 13, 2016	January 14-19, 2016
To Be Determined	State Testing	State Testing
April 8, 2017	March 3, 2017	March 4-17, 2017
June 10, 2017	May 5, 2017	May 6-19, 2017



SAT Testing – Costs	SAT with Essay (Oct. 2015 – Jan. 2016)	\$54.50
	SAT (March 2016 – June, 2016)	\$43.00
	SAT Subject Tests	\$26.00 for Basic Subject
		+\$26.00 for Language with Listening
		+\$18.00 for All other Subject Tests (per test)

Register online at www.sat.collegeboard.org for all tests.
 Fee waivers may be available. See your counselor for more information.

Test Date	Registration Deadline
October 1, 2016	September 20, 2016
November 5, 2016	October 7, 2016
December 3, 2016	November 3, 2016
January 28, 2017	January 2, 2017
March 11, 2017	February 11, 2017
May 6, 2017	April 7, 2017
June 3, 2017	May 4, 2017



PSAT Testing

This practice SAT is offered in October and is open to juniors and seniors only. Test results for juniors can be used to qualify for the National Merit Scholarship Competition. Participation is limited and pre-registration is required through the Guidance Office. The test costs \$15.



ASVAB Testing

The Armed Service Vocational Aptitude Battery can be helpful to virtually all students, whether they are planning on employment in civilian or military occupations, or further education at university, community college, or vocational institution. Testing is offered in the fall and the spring semesters. Registration is required through the Guidance Office. For more information, visit www.asvabprogram.com.

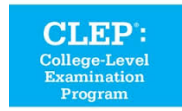


EOC Testing

End of Course Tests are required for all students enrolled in Algebra I, Integrated Math II, Geometry, Integrated Math III, English II, English III, Biology I, and American History. The tests are administered online and count as 15% of the student's grade for each course (5% for certain special services students). Fall retesting is in early December. Spring testing window for students currently enrolled in the indicated courses is April 24 – May 19, 2017. Retests may be taken during the summer testing window June 19-23, 2017.



WorkKeys – for 11th and 12th grade students – WorkKeys is an ACT job skills assessment system that helps employers select, hire, train, develop, and retain a high-performance workforce. This test is designed as an alternative to the ACT for students who may plan to attend a community college, enroll in a technical school, or enter the workforce after high school and measures foundation and soft skills. The test is administered online and consists of three parts—Reading for Information, Locating Information, and Applied Mathematics. Students who earn Silver certificates on each part of the test will earn the National Career Readiness Certificate (NCRC). All tests must be completed by mid-May, 2017.



CLEP – College Level Examination Program – for 11th and 12th grade students – CLEP exams test mastery of college-level material acquired through general academic instruction, significant independent study or extracurricular work. Students who pass any of the 33 CLEP tests may receive college credit. Students should check with the post-secondary institution of their choice to determine the CLEP policies of the college. Tests are completed online and all tests must be completed by mid-May 2017. For more information, see your guidance counselor or visit <https://clep.collegeboard.org>.

Subject area tests include:

American Government	French Language	Natural Science
American Literature	Financial Accounting	Precalculus
Analyzing & Interpreting Literature	German Language	Principles of Macroeconomics
Biology	History of the US I	Principles of Management
Calculus	History of the US II	Principles of Marketing
Chemistry	Human Growth and Development	Principles of Microeconomics
College Algebra	Humanities	Social Sciences and History
College Composition	Information Systems	Spanish Language
College Composition Modular	Intro to Ed Psychology	Western Civilization I
College Mathematics	Introductory Business Law	Western Civilization II
English Literature	Introductory Psychology	
	Introductory Sociology	



AP – Advanced Placement – for 11th and 12th grade students – AP exams are designed to measure how well students have mastered the content and skills of AP courses. Passing scores will earn college credit. Students should check with the post-secondary institution of their choice to determine the AP policies of the college. Paper-based tests are administered from May 1st to May 12th, 2017.

Subject area tests include:

Art History	English Language and Composition	Studio Art – 2D Design
Biology	English Literature and Composition	US Government and Politics
Calculus AB	Environmental Science	US History
Calculus BC		
Chemistry		

In addition to a standard high school diploma, BESE, the Board of Regents, and each high school offers honorary awards. Details for these are as follows:

BESE Academic Endorsement

Student must complete the academic area of concentration by completing the 17.5 credits of the TOPS curriculum with a 2.5 GPA and an ACT score of 23. In addition, a student must pass all six EOCs with scores of at least *Good*. A student must also have earned a score of three or above on an AP exam, completed a detailed senior project, **OR** earned 3 hours non-remedial, articulated college credit in a core area.

BESE Career/Technical Endorsement

Student must complete the curriculum, GPA, and ACT requirements for TOPS Opportunity or TOPS Tech award and complete four elective credits in an area of concentration as designated by BESE. In addition, a student must pass all six EOCs with scores of at least *Good*. Finally, students must complete a minimum of 90 work hours of work-based learning experience and achieve a BESE-approved industry-based certification or earn 3 college hours in a career technical area that relates to their career path indicated on their five year plan.

Carroll, Neville, & Wossman Diplomas

Students must meet minimum GPA/ACT standards to qualify. Community service hours may also apply. See the guidance office for specific guidelines by school site.

CORE UNITS REQUIRED FOR NCAA CERTIFICATION

These are subject to change on a yearly basis. See the guidance department or check online at www.ncaaclearinghouse.net (use school codes for ACT) for a list of approved courses offered at each high school campus and to determine current requirements.

COLLEGE ENTRANCE REQUIREMENTS

All students planning to attend a four-year college or university in Louisiana must have successfully completed the TOPS/Core 4 Curriculum to be admissible. Additional coursework may be required by the postsecondary institution. Students should verify specific requirements for all schools they are interested in attending.

Students earning the JumpStart/TOPS Tech Diploma are eligible to attend a community/technical college upon graduation. Students may transfer to a four-year college or university after the first year of post-secondary work at the community/technical college program. However, the number of credits which will transfer to the four-year campus will depend on the courses and program pursued.

WHAT IS "TOPS"?

Louisiana's Taylor Opportunity Program for Students (TOPS) is a comprehensive program of state scholarships and one of the most progressive student assistance programs in the nation. To qualify, you must have completed the specified core curriculum with 2.5 core GPA and earned an appropriate ACT or SAT score. You must request that ACT and SAT report scores directly to the Louisiana Office of Student Financial Aid by marking code 1595 as one of the choices to send score reports. Students must have a permission to release information on file for LOSFA to be considered for TOPS. See your counselor for information.

How and When to Apply for TOPS

To apply for all TOPS awards you must submit the Free Application for Federal Student Aid (FAFSA) for the academic year following the year you graduate from high school. For example, if you will graduate from high school in the spring of 2017, submit the 2017-2018 version of the FAFSA. You must enter the name of a Louisiana post-secondary school on the FAFSA for your application to be considered. The FAFSA may be filed after January 1st and before April 15th for priority consideration and must be received by the state deadline of July 1st. A FAFSA may be obtained from the guidance office, by calling the Office of Student Financial Assistance at (800) 433-3243, or at <http://www.fafsa.ed.gov>

ADVANCEMENT POLICY

A student's grade-level classification, according to MCS's Pupil Progression Plan, is determined by the number of Carnegie units earned in core courses (English, mathematics, science, and social studies), in addition to the overall Carnegie units earned. In order to progress to **9th grade** (freshman) – a student must complete all 8th grade testing requirements, as well as satisfactorily complete 8th grade course requirements;

10th grade (sophomore) - a student must earn 6 credits (English I and 1 credit of required math; 1 credit of science or social studies; 3 electives);

11th grade (junior) – a student must earn 12 credits (English I, English II, 2 required math credits, 2 required science credits, 2 required social studies credits, and 4 electives);

12th grade (senior) – a student must earn 17 credits (English I, English II, 2 required math, 2 required science, 2 required social studies, and 9 additional required credits or electives).

REGISTRATION POLICIES

1. During the first three years of high school, all students must enroll for a full school day. Only seniors may opt for an internship, concurrent enrollment, or early release.

2. **Early Release** - Seniors must schedule a minimum of 4 classes. Any student who opts for early release must have a parent come in to meet with his/her counselor. In addition, early release seniors should only be on campus during class periods for which they are scheduled.

3. **Physical Education** - Students must start P. E. in the ninth grade and take it until two units have been completed. All students must earn two credits in P. E. of which one semester must be Health Education. Students may choose Physical Education as an elective thereafter. JROTC may be substituted for the PE credits.

4. **English** - Students must pass English I before enrolling in English II, English II before English III, and English III before English IV. No two English courses may be taken at the same time, except as needed for graduation during the senior year, and then only with the approval of the principal. An End of Course Exam will be required for all students taking English II, English II Pre-AP, and English II GT, English III, English III Pre-AP, and English III GT. EOC scores count as 15% of the student's final grade for the course (5% for certain special services students).

5. **Reading** - Reading I and II are required of students who need additional instruction in reading. Students are placed into Reading I and/or II based upon standardized test results and/or teacher recommendation. Reading courses are in addition to the required English courses.

6. **Math** – An End of Course exam will be required for all students taking Algebra I, Algebra I Pre-AP, Algebra I Part II, geometry, Integrated Math II, and Integrated Math III. EOC scores count as 15% of the student's final grade for the course (5% for certain special services students).

7. **Science** – An End of Course exam will be required for all students taking Biology I. EOC scores count as 15% of the student's final grade for the course (5% for certain special services students).

8. **Social Studies** – An End of Course exam will be required for all students taking US History. EOC scores count as 15% of the student's final grade for the course (5% for certain special services students).

9. Honors, Pre-AP, AP, and GT courses are weighted on a 5 point scale for calculation of the TOPS Core GPA and use a 10 point grading scale in the courses.

10. Students beginning study in a particular area which has a sequential development must begin with the first course offered and must pass the full year's course before being able to progress to the next year's level.

11. Any student failing a core subject (English, mathematics, science, social studies, or foreign language) for one semester must repeat the subject the next year unless it is completed satisfactorily in summer school or through credit recovery.

12. A student may not schedule 2 sciences, social studies, etc. during the same year unless he/she is classified as a senior.

SPECIAL SERVICES

Students are referred by a parent or teacher, then screened and evaluated by Pupil Appraisal. The student must meet the state Department of Education guidelines for alternative/special education as outlined in Bulletin 1508.

CARROLL HIGH SCHOOL MEDICAL MAGNET PROGRAM



The Carroll High School Medical Magnet program has produced a large number of students who have graduated and acquired jobs in local hospitals and nursing homes, with home health care, and in private sitting services. Many other CHS graduates have used the knowledge gained through this program to enroll in medical curricula at community and four-year colleges to further their education in the health field. The program, under the direction of Mrs. Shandria Newton, offers courses in Introduction to Health Occupations, Medical Terminology, First Responder, and Certified Nursing Assistant. Last year, there were students enrolled in Pharmacy Tech, and

next year, the program hopes to implement Sports Medicine I (fall semester) and Sports Medicine II (spring semester).

Students earn their first aid, AED, and CPR cards through the First Responder and Certified Nursing Assistant courses, and some of them have used these credentials to obtain summer jobs as life guards or summer recreational assistants.

Students who participate in HOSA, the professional organization for health occupations students, have competed at the state and national levels and have garnered many accolades for their knowledge of all things medical.

The faculty within the department consists of the following members:

Newton, Shandria --- Medical Magnet Program Coordinator

Freeman, Nyoka --- Pharmacy Tech

Johnson, Catherine --- Certified Nursing Assistant, First Responder, Medical Terminology

Jones, Georgia --- Certified Nursing Assistant, Introduction to Health Occupations, and Medical Terminology



STUDENTS IN THE MEDICAL MAGNET PROGRAM WORK TOWARD SPECIALIZED PROGRAMS IN CERTIFIED NURSING ASSISTANT (CNA) AND IN PHARMACY TECH. SEVERAL COURSES ARE DESIGNED FOR AND OFFERED ONLY TO MEDICAL MAGNET STUDENTS.

INTRODUCTION TO HEALTH OCCUPATIONS (Medical Magnet)

Prerequisites: None

Credit: 1

Grade Level: 9, 10, 11, 12

This is an introductory course designed to provide the student with an exploratory experience that offers information on a variety of health care medical career fields. Education and responsibilities of various health careers will be explored, along with basic concepts common to all health careers. These concepts include medical terminology, safety and accident prevention, professionalism, legal aspects, computers in health care, and an introduction to anatomy and physiology. Appropriate work-based learning strategies for this course include service learning, job shadowing, and field trips to various health facilities. Opportunities for application of clinical and leadership skills are provided by participation in vocational student organizations suited to the student's goal of learning the specifics of each role and that factors that affect professional performance.

MEDICAL TERMINOLOGY (Medical Magnet)

Prerequisites: None

Credit: 1

Grade Level: 10, 11, 12

This course provides students with the ability to identify medical terms by analyzing their components. Emphasis is placed on defining medical prefixes, root words, suffixes, and abbreviations. The primary focus is on skill development, both oral and written, of the language utilized for communication in the health care professions.

NURSE ASSISTANT (Medical Magnet)

Prerequisites: 17 years old

Credit: 2

Grade Level: 11, 12

This two-hour blocked course is designed to prepare students to become Certified Nursing Assistants in the state of Louisiana. Students participate in lecture/laboratory experiences prior to completing 100 hours of clinical internships at local health care facilities.

PHARMACY TECHNICIAN (Medical Magnet)

Prerequisites: Reliable transportation for
spring observations

Credit: 1

Grade Level: 12

Students will investigate the areas of the pharmacy tech career in order to prepare for the PTCB certification exam given by the state of Louisiana during the summer following graduation. Pharmacy calculations are learned using mathematical practice and laboratory instruction. In the spring semester, students will partner with area pharmacists to obtain observation hours needed for class.

COURSE DESCRIPTIONS BY DEPARTMENT

ACADEMIC SUPPORT



ACT PREP

Prerequisites: None
Credit: 1
Grade Level: 11, 12

Students review skills tested on the ACT as well as test-taking tips in general. Students also practice taking tests in the ACT format so that they will be comfortable with the actual testing environment. It is recommended that students take the ACT immediately after completing this course.

DES (DYNAMICS OF EFFECTIVE STUDY) – ACT

Prerequisites: Prior ACT score
Credit: ½
Grade Level: 11, 12

Students who are attempting to raise their ACT score to qualify for scholarships and/or the Scholars' Banquet are taught advanced ACT prep skills.

READING I & II

Prerequisites: Administrative placement
Credit: 1
Grade Level: 9, 10

Students entering ninth grade who scored at the Approaching Basic level or below on the 8th grade PARCC and/or below the 40th percentile in reading on the seventh grade iLEAP are required to take Reading I. The goal of these courses is to improve the student's decoding and comprehension skills, to prepare students for the EOC and the rigors of high school content-area reading, and to foster an interest in recreational reading.

SECONDARY INCENTIVE – CREDIT RECOVERY

Prerequisites: Failure in a core content class and administrative placement
Credit: 0
Grade Level: 9, 10, 11, 12

This computer-based course is available as an opportunity for students to recover credit in a course that the student previously failed. **THIS COURSE, HOWEVER, SHOULD NOT BE MISTAKEN FOR A STUDY HALL.** Its purpose is to allow students to remain on track to graduate with the graduation cohort.

SKILLS MASTERY I, II, III, IV

Prerequisites: Current evaluation by Pupil Appraisal
Credit: 1
Grade Level: 9, 10, 11, 12

This course is available as an elective credit for those students who qualify. A daily schedule provides individualized activities that are short, achievable, and carefully selected to strengthen areas of academic weakness while capitalizing on student strengths. Whenever possible, remediation and grade level modifications are correlated with the student's textbooks for other courses. **THIS COURSE, HOWEVER, SHOULD NOT BE MISTAKEN FOR A STUDY HALL.** Its purpose is to continue to develop basic academic, organizational and note-taking skills, to provide tutorial assistance to facilitate the student in improving self-concept and self-confidence, and to help the student function more effectively in the regular classroom through modifications and accommodations when needed.

STUDY SKILLS I, II, III, IV

Prerequisites: Current evaluation by Pupil Appraisal
Credit: 1
Grade Level: 9, 10, 11, 12

This course is available as elective credit to be used to fulfill graduation requirements for those students who qualify. A daily schedule provides individualized activities that are short, achievable, and carefully selected to strengthen areas of academic weakness while capitalizing on student strengths. Whenever possible, remediation is correlated with the student's textbooks for other courses. **THIS COURSE, HOWEVER, SHOULD NOT BE MISTAKEN FOR A STUDY HALL.** Its purpose is to continue to develop basic academic skills,

to provide tutorial assistance to facilitate the student in improving self-concept and self-confidence, and to help the student function more adequately in the regular classroom.

ART DEPARTMENT



ART I

Prerequisites: None
Credit: 1
Grade Level: 9, 10, 11, 12

This course covers basic drawing with emphasis on the elements of design.

It is assumed that the student knows nothing about art, so everyone begins at the same level. Students will be furnished with a list of supplies as needed for different projects. NOTE: Students may not enter this course at mid-term.

ART II

Prerequisites: Art I
Credit: 1
Grade Level: 10, 11, 12

This course is designed to develop greater skills in visual arts. Drawing is the foundation on which fine arts skills are built. The students explore various media such as pen and ink, and colored pencil. Emphasis is placed on the principles of design. Students are given a list of supplies as needed for projects.

ART HISTORY AP

Prerequisites: None
Credit: 1
Grade Level: 11, 12

The AP Art History course engages students at the same level as an introductory college art history survey. Such a course involves critical thinking and develops an understanding and knowledge of diverse historical and cultural contexts of architecture, sculpture, painting and other media. In the course, students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. While visual analysis is a fundamental tool of the art historian, art history emphasizes understanding how and why works of art

function in context, considering such issues as patronage, gender and the functions and effects of works of art.

CRAFTS I

Prerequisites: Art 1
Credit: 1
Grade Level: 10, 11, 12

This course is designed for students who have a need to create but do not desire a fine art approach. Minimal drawing skills are required. This course explores fine art crafts such as batik, stained glass, weaving and papier mache'. Students are given a list of supplies as needed for different projects. Students may enter this course at midterm provided that the prerequisite has been met. Crafts I and II do not satisfy TOPS requirements.

CRAFTS II

Prerequisites: Crafts I
Credit: 1
Grade Level: 11, 12

This course offers student the opportunities to develop original, creative works. Minimal drawing skills are required. This course explores batiks, stained glass and mixed media sculpting. Students are provided with a list of supplies needed for different projects. Students may enter this course at midterm provided that the prerequisite has been met. Crafts I and II do not satisfy TOPS requirements.

FINE ARTS SURVEY

Prerequisites: None
Credit: 1
Grade Level: 11, 12

Fine Arts Survey is an elective which fulfills a requirement for the TOPS program. The course is designed to prepare students for college work and the college experience, provide them with a cultural background through an historical study of Western art and music, and provide opportunities for creativity and self-expression. The course combines a strong academic content with hands-on art activities. **Students in this course may be eligible to receive dual enrollment credit through ULM.**

STUDIO ART – AP

Prerequisites: None
Credit: 1
Grade Level: 11, 12

The advanced independent studies student explores concepts of advanced media

technique and composition in a guided setting in order to create artwork that is of advanced quality, professional presented. Students are granted latitude to develop individual style while building a portfolio. A minimum number of completed works are assigned according to individual criteria and educational needs. Participation in a collective or individual show, which is held at some time during the school year, is required.

TALENTED ART I

Prerequisites: Current evaluation by Pupil Appraisal

Credit: 1

Grade Level: 9, 10, 11, 12

Drawing is considered the basis of a successful artwork. These classes spend the year exploring a variety of drawing media and techniques. First semester classes are centered on black and white media, such as pencil, charcoal, brush and ink, pen and ink, and printmaking. Emphasis is placed on the art elements: line, space, shape/form, value, and texture and how to combine them for a successful composition.

Second semester, students concentrate on color media and technique using prisma color, soft pastel, and watercolor.

Emphasis is placed on the art element-color as a means of learning color theory and expressing creative ideas. The student also learns the Four Steps of Art Criticism. This helps them learn to appreciate their fellow student's artwork as well as contemporary and old master's works. At the completion of the course, students are expected to have completed at least four works in black-and-white media and two works in a color media.

TALENTED ART II

Prerequisites: Talented Art I

Credit: 1

Grade Level: 10, 11, 12

This course is designed to develop creative, original ideas and art work from students. Drawing techniques incorporate charcoal, and pastels. Sculpture and printmaking also are explored as well as other fine art areas. Students are furnished with a list of supplies as needed for different projects.

TALENTED ART III

Prerequisites: Talented Art II

Credit: 1

Grade Level: 11, 12

This course is designed to increase the art students' ability to render human anatomy, and to also examine perceptions of the world around them. The students experiment with Giacometti, planar studies and other techniques while concentrating in black and white media for the first semester. The student then begins color work, which may include portraits, landscapes, figure studies rendered in oil pastels/bar, dry pastels, watercolor, acrylic, or oils. Experimental media are considered. Students begin to build a portfolio for graduation and competitions.

TALENTED ART IV

Prerequisites: Talented Art III

Credit: 1

Grade Level: 12

The advanced Art IV student should have knowledge of and experiences with a wide variety of media and methods. Each student explores a previously untried approach/surface/media. Much of this involves problem solving as well as an investigative approach to drawing. The student's personal style emerges from this type of activity. Second semester, students pursue drawing and painting with the students' individual interests being the driving force behind the selection of artwork produced. The plan of study is a collaborative effort between student and teacher. The serious, career-oriented student completes a portfolio, an impressive body of work which is indicative of the breadth of his experimentation in Talented Art.

CAREER AND TECHNICAL EDUCATION



All courses in the business department are designed with the computer age in mind--several are taught in their entirety on computers. The main objective is the development of skills

needed for careers in all areas of business. A student who is planning a career in the business world after graduation can learn basic skills needed for entry-level employment and beyond.

Some courses in the Career/Tech Ed department offer dual enrollment credit for juniors and seniors through Louisiana Delta Community College. Teachers will provide information relating applicable college credit available at the beginning of each semester.

ACCOUNTING I

Prerequisites: Intro to BCA

Credit: 1

Grade Level: 10, 11, 12

Accounting I is designed to introduce students to basic accounting theory and procedures along with current applications of computer technology in accounting. Emphasis is placed on mastery of basic accounting concepts and procedures. Mathematical, critical thinking, problem-solving, decision-making, technology and team-building skills are reinforced in this course.

ADMINISTRATIVE SUPPORT OCCUPATIONS

Prerequisites: None

Credit: 1

Grade Level: 11, 12

Administrative Support Occupations is designed to provide students with the procedures and skills necessary for the operation of a modern office. This course includes typical tasks in a modern office. Students must have a minimum 3.0 cumulative GPA to apply.

ADULT RESPONSIBILITIES

Prerequisites: None

Credit: ½

Grade Level: 10, 11, 12

This course covers the influence of society, economic conditions, personal values, and goals. Family management, decision-making, and financial resource management skills are introduced.

ADVANCED CLOTHING AND TEXTILES

Prerequisites: Clothing and Textiles

Credit: ½

Grade Level: 10, 11, 12

This course is follow-up to Clothing and Textiles for the student interested in mastering problem fabrics which require special handling. Students will construct garments or projects decided upon jointly by the teacher and student. The suggested fabrics include plaids, stripes, checks, stretch knits, napped fabrics and one-way designs. Students will develop good buying habits in the selection of suitable fabrics, sewing notions and equipment. In addition, they will examine career opportunities related to textiles and clothing construction.

ADVANCED FOOD AND NUTRITION

Prerequisites: Food and Nutrition

Credit: ½

Grade Level: 10, 11, 12

This course builds on concepts learned in Food and Nutrition. Students will continue to develop skills in preparing foods and managing the food budget.

ADVANCED WOOD TECH

Prerequisites: Basic Woodworking

Credit: 1

Grade Level: 11, 12

This course is designed to expose students to the building materials, tools, safe work practices, and methods of construction. Students will be exposed to project layout and development, interpretation of working drawings, framing, roofing, and door and window installation, to also include interior and exterior finishing. In this class building basics will be emphasized, along with basic skills to ensure positive work attitudes and working relationships with others. Successful completion of this course should enable the student to engage and perform many light construction projects.

BASIC TECHNICAL DRAFTING

Prerequisites: None

Credit: 1

Grade Level: 9, 10, 11, 12

This course is an introductory course for the student interested in engineering, architecture, or industrial design, using instruments for drawing, with some freehand or technical sketching.

BASIC WOOD TECH

Prerequisites: General Tech. Ed.

Credit: 1

Grade Level: 10, 11, 12

This course is designed to provide the student opportunities to develop and learn through hands-on experiences with hand and power tools in building and shaping articles of wood and wood-related material. Student activities may be directed toward the repair and reconstruction of existing wood-based items as well as developing new designs. It is also designed for students desiring a broad general industrial and technical background in woodworking.

BUSINESS COMMUNICATIONS

Prerequisites: Intro to BCA

Credit: 1

Grade Level: 10, 11, 12

This course is designed to use the skills learned in English to compose memoranda, letters, reports, email, and other written and oral communications. Emphasis is placed on proper grammar, spelling, and punctuation, as well as the legality, ethics and psychological approaches to preparing oral and written communications. Business application projects, critical thinking, problem solving, technology, decision making, and interpersonal skills are reinforced in this course as students format, compose, and present their oral and written communications.

BUSINESS COMPUTER APPLICATIONS

Prerequisites: Intro. to BCA

Credit: 1

Grade Level: 9, 10, 11, 12

This course is designed to acquaint students with the advanced principles associated with information processing. Students study advanced computer concepts, software applications, and computer systems. Emphasis is placed on skill development in using technology to perform advanced information processing. Topics of study include computer concepts, word processing, spreadsheets, database and presentation software applications. Course topics increase in difficulty in the second semester.

BUSINESS LAW

Prerequisites: Intro to BCA

Credit: ½

Grade Level: 9, 10, 11, 12

This course is designed to teach students to apply business law principles to personal and business settings. Emphasis is placed on skills in critical thinking that are reinforced in this course along with oral and written communications.

CAREER EXPLORATIONS 9

Prerequisites: None

Credit: 1

Grade Level: 9

This course is designed to assist students with exploring careers and developing skills necessary to make meaningful decisions about their career choice. Topics include factors to consider before choosing a suitable career, assessment of personal strengths and weaknesses as they relate to career decisions, and strategies to make an effective transition from school to work. The student will develop skills in this course that are generic to all occupations, such as properly preparing career documents needed to obtain employment. Students will have opportunities to meet career practitioners, visit worksites, conduct career research, and participate in career shadowing and/or other short-term career experiences.

CAREER READINESS

Prerequisites: None

Credit: 1

Grade Level: 11, 12

This course is designed to assist students with exploring careers and developing skills necessary to make meaningful decisions about their career choice. During the year long course, student may become certified in Customer Service by the National Retail Federation (NRF). Students will receive a digital badge that can be included on job applications. Students may also earn a National Career Readiness Certificate (NCRC) by earning Silver level on all three required WorkKeys tests: Locating Information, Reading for Information, and Applied Mathematics.

**CAREER SKILLS – BUSINESS
(PERSONAL FINANCE)**

Prerequisites: None
Credit: ½
Grade Level: 10, 11, 12

This course will inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets utilizing checking and saving accounts, gain knowledge in finance, debt and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions leading to financial independence.

CAREER SKILLS – HEALTH/SAFETY

Prerequisites: None
Credit: ½
Grade Level: 10, 11, 12

This course is an introduction to broad standards that serve as a foundation for health care occupations and functions across health services. Units included are academic in health care communications systems, legal responsibilities, ethics, teamwork, First Aid, CPR/AED and safety practices. Students enrolled in this course should earn certifications in CPR/AED and OSHA 10.

**CAREER SKILLS – TECH
(NCCER CORE)**

Prerequisites: None
Credit: ½
Grade Level: 10, 11, 12

The NCCER Core curriculum is a prerequisite to all other Level 1 craft curriculum. Its modules cover topics such as Basic Safety, Communication Skills, and Introduction to Construction Drawings. Completing this curriculum gives the trainee the basic skills needed to continue education in any craft area he or she chooses.

CHILD DEVELOPMENT

Prerequisites: None
Credit: ½
Grade Level: 11, 12

Students study the growth and development of the infant, toddler, and

preschool child; child care; observation techniques; and related careers.

CLOTHING AND TEXTILES

Prerequisites: None
Credit: ½
Grade Level: 10, 11, 12

This course will provide the student with the opportunity to master clothing construction techniques through clothing labs. The student's knowledge of textiles and the selection and construction of garments with regard to good design and quality will be increased. Investigation of career opportunities in the fields of fashion, clothing and textiles will be conducted.

COMPUTER SCIENCE I

Prerequisites: Algebra I or equivalent
Credit: 1
Grade Level: 10, 11, 12

Computer Science I is a full year elective course designed for students interested in studying the structure and power of programming languages. Emphasis will be placed on development of algorithms and logical solution structure including the use of visual organizers in the design process.

Eligible students may pursue this course for dual enrollment credit through ULM.

COMPUTER TECHNOLOGY LITERACY

Prerequisites: Intro to BCA
Credit: 1
Grade Level: 11, 12

Computer Technology Literacy is a basic course introducing students to basic computer skills providing students with the opportunity to raise their knowledge level, confidence and skills in: 1) basic concepts of using the computer (including history), 2) word processing, 3) spreadsheets, 4) databases, 5) presentations and 6) email and living online. Through hands-on technology, the student will become more efficient with marketable skills for today's economy. The student will learn to select the appropriate application to complete a task thus gaining confidence and security in being part of the "digital world." The student will also develop a working knowledge of an operating system, and the Internet. Computer technology information will be presented that could lead to the student's ability to obtain national IC3 certification in basic computer knowledge.

CUSTOMER SERVICE

Prerequisites: None

Credit: 1

Grade Level: 11, 12

Customer Service is designed to prepare participants specifically for entry-level retail sales positions while helping them progress from learning about themselves to learning how to relate to their classmates as their internal customers. This course includes classroom instruction as well as on-the-job internships. This is a Dual Enrollment class through LTC. Students may also receive an industry based certification in customer service.

DESKTOP PUBLISHING

Prerequisites: Word Processing or BCA

Credit: ½

Grade Level: 11, 12

The course is culminating course, designed to utilize the knowledge and skills learned in word processing with the concepts, procedures, and applications of desktop publishing. Emphasis is placed on the continued skill development in efficient operation of word processing programs as it is applied to desktop publishing. Critical thinking and communication skills are reinforced in this course as students format, create, and proofread brochures, programs, newsletter, web pages, PowerPoint presentations and manuscripts. Other opportunities for application include simulations, projects, teamwork and portfolios.

ENTREPRENEURSHIP

Prerequisites: Intro to BCA

Credit: ½

Grade Level: 11, 12

Entrepreneurship is designed to explore the personal characteristics and resources needed in business ownership. Instruction is also designed to explore the process of planning, organizing, financing, and managing a business in a capitalistic economy.

FAMILY & CONSUMER SCIENCE I

Prerequisites: None

Credit: 1

Grade Level: 9, 10, 11, 12

This is a comprehensive course for high school students. Topics include foods and nutrition; consumer education; clothing selection, care, and repair; housing and resource management; personal

development; and family relations, childhood development, and parenthood information. Lab experiences are required.

FAMILY & CONSUMER SCIENCE II

Prerequisites: FCS I

Credit: 1

Grade Level: 10, 11, 12

This course, a continuation of Family & Consumer Sciences I., allows students to expand their study of family living, wellness, nutrition and foods, financial management, living environments, appropriate child development practices, and transferring school skills to life and work.

FAMILY LIFE EDUCATION

Prerequisites: None

Credit: ½ (S1)

Grade Level: 10, 11, 12

Topics include the nature, function, and significance of human relationships within the family unit; interpersonal skills; preparation for marriage; development of positive self-concept and responsibility in family members; and the importance of nutrition, emotional health, and physical health to the well-being of the family.

FIRST RESPONDER

Prerequisites: None

Credit: 1

Grade Level: 9, 10, 11, 12

This course is designed to fill the gap between basic first aid training and the training of medical professionals. It will introduce the student to the professional practice of an emergency medical responder in a variety of occupational settings.

FOOD AND NUTRITION

Prerequisites: None

Credit: ½

Grade Level: 10, 11, 12

In this course, students will gain a comprehensive understanding of the fundamentals of nutrition through the study of the Food Pyramid, food nutrients, label reading, menu planning, marketing, and preparing and serving meals. Career speakers are used to provide information in the areas of job opportunities available in the food industry.

GENERAL TECHNOLOGY EDUCATION

Prerequisites: None

Credit: 1

Grade Level: 9, 10, 11, 12

This is an introductory course designed to prepare students for later Industrial Arts lab courses. The course consists of instruction in how to make and read construction plans, but major emphasis is placed on safety and hands-on experience in the function and use of tools and equipment.

Projects are selected and designed to take into consideration the different abilities of each individual student.

HORTICULTURE

Prerequisites: None

Credit: 1

Grade Level: 9, 10, 11, 12

This course includes an introduction to taxonomy, botany, plant growth requirements, soils, pest management, turf management, vegetable garden cultivation, nursery management, and landscape contracting.

INTRODUCTION TO BUSINESS COMPUTER APPLICATIONS

Prerequisites: Keyboarding skills

Credit: 1

Grade Level: 9, 10, 11, 12

This course is the first of two courses designed to provide students with basic computer application skills. Emphasis is placed on basic computer concepts both hardware and software, word processing, and spreadsheet applications. Computer technology will be presented that could lead to the student's ability to obtain certification in basic computer technology such as IC3 certification.

HEALTH CAREERS

Prerequisites: Career Skills – Health

Credit: ½

Grade Level: 10, 11, 12

This course is an introduction to broad standards that serve as a foundation and functions across health services. Units included are academics in health care, communication systems, legal responsibilities, ethics, teamwork, admission processes, and core competencies in First Aid, CPR and safety practices. Attention is focused on the role of the professional nurse and nursing concepts.

INTRODUCTION TO HEALTH OCCUPATIONS (Medical Magnet)

Prerequisites: None

Credit: 1

Grade Level: 9, 10, 11, 12

This introductory course is designed to provide the student with an exploratory experience that offers information on health care medical career fields. Education and responsibilities of various health careers will be explored, along with basic concepts common to all health careers. These concepts include medical terminology, safety and accident prevention, professionalism, legal aspects, computers in health care, and an introduction to anatomy and physiology. Appropriate work-based learning strategies include service learning, job shadowing, and field trips to health facilities. Opportunities for application of clinical and leadership skills are provided by student organizations suited to the student's goal of learning the specifics of each role and that factors that affect professional performance.

JOBS FOR AMERICA'S GRADUATES (JAG)

Prerequisites: None

Credit: 1

Grade Level: 9, 10, 11, 12

This is a multi-year program for which the graduates will complete the core and non-core competencies depending upon the number of years they receive services. The competencies include: Career Development Competencies, Job Attainment Competencies, Job Survival Competencies, Basic Competencies, Leadership and Self-Development Competencies, Personal Skills Competency among others.

MEDICAL TERMINOLOGY (Medical Magnet)

Prerequisites: None

Credit: 1

Grade Level: 10, 11, 12

This course provides students with the ability to identify medical terms by analyzing their components. Emphasis is placed on defining medical prefixes, root words, suffixes, and abbreviations. The primary focus is on skill development, both oral and written, of the language utilized for communication in the health care professions.

NURSE ASSISTANT (Medical Magnet)

Prerequisites: 17 years old

Credit: 2

Grade Level: 11, 12

This two-hour blocked course is designed to prepare students to become Certified Nursing Assistants in the state of Louisiana. Students participate in lecture/laboratory experiences prior to completing 100 hours of clinical internships at local health care facilities.

OUTDOOR POWER EQUIPMENT

Prerequisites: Career Skills - Tech

Credit: 1

Grade Level: 10, 11, 12

This course prepares students for a career in operating, maintaining, and repairing small gasoline engines. This course introduces students to both four-cycle and two-cycle engines commonly used in outdoor power equipment. Emphasis is placed on the development of an understanding of principles and theories of small gasoline operations. Special emphasis is placed on troubleshooting and repair including rebuilding of small gasoline engines. Mathematical, critical thinking, problem-solving, and resource access utilization-skills are reinforced in this course. Work-based learning strategies appropriate for this course include service learning, internships, apprenticeships, and cooperative education. Completion of the one semester course prepares students for the Equipment and Engine Training Council (EETC) exam in four-stroke technician.

PARENTHOOD EDUCATION

Prerequisites: None

Credit: ½

Grade Level: 11, 12

Topics include decisions about parenthood, pregnancy and childbirth; the developmental stages of children in regard to physical, mental, and social growth; the challenges of parenthood; selecting adequate child care; and parenting theories.

PHARMACY TECHNICIAN (Medical Magnet)

Prerequisites: Reliable transportation for spring observations

Credit: 1

Grade Level: 12

Students will investigate the areas of the pharmacy tech career in order to prepare for the PTCB certification exam given by the state of Louisiana during the summer following graduation. Pharmacy calculations are learned using mathematical practice and laboratory instruction. In the spring semester, students will partner with area pharmacists to obtain observation hours needed for class.

PRINCIPLES OF BUSINESS

Prerequisites: None

Credit: 1

Grade Level: 9, 10, 11, 12

This course is to provide a clear understanding of the characteristics, organization, operations, and management of business. The text is aimed at students who want a sound foundation of the business world as they prepare for business or other careers.

SPORTS MEDICINE I/II (GIRLS' AND BOYS')

Prerequisites: None

Credit: ½ per semester

Grade Level: 10, 11, 12

These courses are designed for students who have an interest in a medical field. They will provide class work and practical hands-on application in the following areas: prevention, treatment and rehabilitation of sports injuries; taping and wrapping of injuries; first aid and CPR; emergency procedures; nutrition; sports psychology; anatomy and physiology; and fitness/conditioning/strength procedures. Students are required to complete 20 hours of clinical experience each semester.

SPORTS MEDICINE III

Prerequisites: Sports Medicine I and II with C or higher

Credit: 1

Grade Level: 12

This course is designed to provide a knowledge base on the management techniques of athletic injuries and illnesses used by professional healthcare providers. It also allows students the opportunity to select their own sports medicine topics for further study.

WEB PAGE DESIGN

Prerequisites: Successful completion of computer course beyond Intro to BCA
Credit: 1
Grade Level: 10, 11, 12

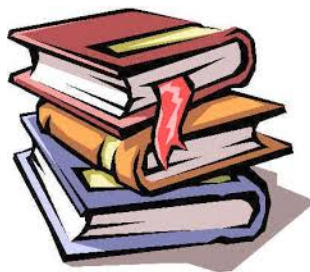
Concepts of web communication will be studied and explored. Students will design, develop, and maintain web pages using appropriate current editors and /or tagging languages. Students will demonstrate technical knowledge of the equipment and an ability to use a variety of input devices, file formats, and transfer methods. Students will gain proficiency in the use of various browsers used to navigate the web and will study connectivity issues as needed. Security and privacy issues, copyright infringement, trademarks and other legal issues relating to use of the web will be studied. Career possibilities related to the internet and web design will be explored. The students will plan, design, and maintain a web site.

WELDING I

Prerequisites: Career Skills – Tech
Credit: 1
Grade Level: 10, 11, 12

This course provides the students skills necessary for a career with a basic entry-level position in welding. The course will introduce the students to the areas of shielded arc welding, oxy-fuel cutting, welding safety, blueprint reading, welding terminology, and agricultural manufacturing. The emphasis for this course will be developing the student's skills and understanding of the welding field. Topics of study include welding safety, tool identification and care, oxy-fuel cutting, shielded arc welding, welding joints, welding positions, and special applications of welding.

ENGLISH DEPARTMENT



ENGLISH I

Prerequisites: None
Credit: 1
Grade Level: 9

English I provides an integrated approach to grammar, composition, and literature. Grammar units emphasize parts of speech, sentence elements, and sentence structure. Composition units emphasize writing for a variety of purposes and audiences using standard English grammar, usage, sentence structure, and mechanics. Vocabulary development and critical thinking skills are enhanced through exposure to a variety of literature selections. Students are required to complete outside reading each semester.

ENGLISH I GT

Prerequisites: Current evaluation by Pupil Appraisal
Credit: 1
Grade Level: 9

The course covers the study of grammar while emphasizing vocabulary, composition, literature, and the development of research skills. SAT/ACT preparation is a daily language activity. Students are also given pre- and post-practice tests. Composition stresses literary/critical analysis and exposition.

ENGLISH I HONORS/PRE-AP

Prerequisites: None
Credit: 1
Grade Level: 9

The English I Honors/Pre-AP course leads to a mastery of grammatical concepts, increases vocabulary, develops writing skills with a variety of writing, enhances reading and critical thinking skills through the study of literature, and develops research skills. Literary emphasis is on the short story, novel, poetry, drama, non-fiction, and fiction. Outside reading is an integral part of the course.

ENGLISH II

Prerequisites: English I
Credit: 1
Grade Level: 10

Students in English II sample world literature with emphasis on awareness of literary genres and terms. Grammar units focus on parts of speech, sentence elements, recognition of correct

grammatical sentence structure, and proper usage of standard English. Composition units emphasize the development of basic writing skills to enable students to compose effective paragraphs, culminating in the writing of the five -paragraph essay for successful performance on the EOC. Vocabulary study is on-going. Students take the PLAN (practice ACT) in the spring. A statewide End of Course exam will be administered for all English II students.

ENGLISH II GT

Prerequisites: English I and current evaluation by Pupil Appraisal
Credit: 1
Grade Level: 10

Emphasis is on application of grammar and usage skills to each student's writing with the focus on grammar covered on the ACT. An accelerated study of vocabulary is designed as preparation for the SAT/ACT. Various works of world literature are used as the focus for vocabulary development, reading comprehension, writing, and research skills. Students complete numerous independent and group projects. Students take the PLAN (practice ACT) in the spring. A statewide End of Course exam will be administered for all English II students.

ENGLISH II HONORS/PRE-AP

Prerequisites: English I
Credit: 1
Grade Level: 10

The course includes a grammar review with an emphasis on daily language activities, vocabulary, and literature. Literature includes the study of the short story, novel, drama, and poetry. Composition stresses exposition in preparation for the EOC and literary/critical analysis. ACT and SAT preparation is also included. Students take the PLAN (practice ACT) in the spring. A statewide End of Course exam will be administered for all English II students.

ENGLISH III

Prerequisites: English II
Credit: 1
Grade Level: 11

English III includes a chronological survey of American literature. Several American novels are assigned as outside reading. Grammar focuses on proofreading as well as mechanics, usage, and sentence structure. Composition deals primarily

with journals and research papers. Vocabulary development is ongoing. A statewide End of Course exam will be administered for all English III students.

ENGLISH III AP (Language and Composition)

Prerequisites: English II
Credit: 1
Grade Level: 11

An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. A statewide End of Course exam will be administered for all English III students.

ENGLISH III GT

Prerequisites: English II and current evaluation by Pupil Appraisal
Credit: 1
Grade Level: 11

English III GT is a course designed to meet the state requirements of a course in American literature as well as to meet each student's individual needs in mastering the skills of the English curriculum. The emphases will be on expository composition, vocabulary, and literary analysis. Students are expected to engage in extensive reading and independent research. A portion of the course will focus on preparation for the SAT and ACT which students are expected to take this year. A statewide End of Course exam will be administered for all English III students.

ENGLISH III HONORS/PRE-AP

Prerequisites: English II
Credit: 1
Grade Level: 11

English III includes a chronological survey of American literature. Students will read and analyze literary selections both in and out of class with interpretive class discussions. Four to six American novels are assigned as outside reading. Grammar focuses on proofreading as well as mechanics, usage, and sentence structure. Composition deals primarily with journals, essay contests, and research papers.

Vocabulary development is college preparatory. Students in this section are expected to perform at a level of greater difficulty on tests and written compositions. A statewide End of Course exam will be administered for all English III students.

ENGLISH IV

Prerequisites: English III
Credit: 1
Grade Level: 12

English IV surveys British literature from the time of the Anglo-Saxons to the twentieth century. This course utilizes proofreading and revision as methods of studying usage, punctuation, spelling, and sentence structure. Students are required to prepare a research paper under step - by - step instruction and supervision by the teacher. Vocabulary enhancement is ongoing, and outside reading of novels by British authors is required.

ENGLISH IV AP (Literature and Composition)

Prerequisites: English III
Credit: 1
Grade Level: 12

Advanced Placement English IV is designed to provide students with the skills of literary analysis and composition equal to those of a student completing freshman English in college. Students may earn college credit through the AP exam in May, through college placement, or CLEP exams. This course requires extensive reading. The emphasis in composition is on literary analysis, so students must have strong expository composition skills, including mechanics. **Students may pursue this course for Dual Enrollment credit through ULM.**

ENGLISH IV HONORS

Prerequisites: English III
Credit: 1
Grade Level: 12

Honors English IV is a survey of British literature from the Anglo-Saxons to modern times. Students may earn college credit through college placement or CLEP exams. This course requires extensive reading. The emphasis in composition is on literary analysis, so students must have strong expository composition skills, including mechanics. **Students may pursue this course for Dual Enrollment credit through ULM.**

SENIOR APPLICATIONS IN ENGLISH

Prerequisites: English I, II, III
Credit: 1
Grade Level: 12

This course is used to satisfy the requirement for the fourth English for the Basic Core and Career Diploma. Topics include the following: practicing good habits, exploring your identity, focusing on survival, learning life lessons, practicing citizenship, living in community, becoming an adult, and finding connection. Literature studied will include *The Seven Habits of Highly Effective Teens* by Sean Covey and other works selected by thematic connection.

FOREIGN LANGUAGE DEPARTMENT



FRENCH I

Prerequisites: None
Credit: 1
Grade Level: 9, 10, 11, 12

French I introduces the basic grammatical structures of the language. Listening, speaking, reading and writing skills are developed within a cultural framework. Activities using computers, compact discs, and videos are designed to improve proficiency.

FRENCH II

Prerequisites: French I
Credit: 1
Grade Level: 10, 11, 12

French II continues the development of all four skills introduced in French I and is strongly recommended for those students who plan to attend college.

FRENCH III HONORS

Prerequisites: French II
Credit: 1
Grade Level: 11, 12

French III utilizes the skills acquired in the previous courses and is recommended for those students who wish to obtain college

credit by examination. Emphasis is placed on everyday oral communication. **Eligible students may pursue this course for Dual Enrollment credit through ULM.**

FRENCH IV HONORS

Prerequisites: French III
Credit: 1
Grade Level: 12

French IV offers an intensive study of grammar, history, and literature designed to prepare students to earn college credit through by examination. Emphasis is placed on everyday oral communication. **Eligible students may pursue this course for Dual Enrollment credit through ULM.**

LATIN I HONORS

Prerequisites: None
Credit: 1
Grade Level: 9, 10, 11, 12

Latin I is an introductory course in Latin. Since classical Latin is not a spoken language, emphasis is placed on reading and writing. The culture and values of ancient Roman civilization are also highlighted. **Upperclassmen may pursue this course for Dual Enrollment credit through ULM.**

LATIN II HONORS

Prerequisites: Latin I
Credit: 1
Grade Level: 10, 11, 12

Latin II continues the study of classical Latin and includes readings on Roman mythology and history. **Eligible students may pursue this course for Dual Enrollment credit through ULM.**

LATIN III-HONORS

Prerequisites: Latin II
Credit: 1
Grade Level: 11, 12

In Latin III, the emphasis moves from Latin grammar to studies in Roman literature. Classical mythology and history are read and discussed in detail. **Eligible students may pursue this course for Dual Enrollment credit through ULM.**

SPANISH I

Prerequisites: None
Credit: 1
Grade Level: 9, 10, 11, 12

Spanish I introduces the basic grammatical structures of the language. Listening, speaking, reading and writing skills are developed within a cultural framework. Activities using computers and videos are designed to improve proficiency.

SPANISH I HONORS

Prerequisites: None
Credit: 1
Grade Level: 9, 10, 11, 12

Spanish I H introduces the basic vocabulary and grammatical structures of the language. Listening, speaking, reading and writing skills are developed within a cultural framework. Activities using computers and videos are designed to improve proficiency.

SPANISH II

Prerequisites: Spanish I
Credit: 1
Grade Level: 10, 11, 12

Spanish II continues the development of all four skills introduced in Spanish I and is recommended for those students who plan to attend college.

SPANISH II-HONORS

Prerequisites: Spanish I
Credit: 1
Grade Level: 9, 10, 11, 12

Spanish II-Honors continues, at an advanced level, the development of all four skills introduced in Spanish I and is recommended for those students who plan to attend college.

SPANISH III HONORS

Prerequisites: Spanish II
Credit: 1
Grade Level: 11, 12

Spanish III builds on the skills acquired in the previous courses and is recommended for those students who wish to earn college credit by examination.

SPANISH IV HONORS

Prerequisites: Spanish III

Credit: 1

Grade Level: 11, 12

Spanish IV builds on the skills acquired in the previous courses and is recommended for those students who wish to further develop their Spanish language skills.

HEALTH AND PHYSICAL EDUCATION DEPARTMENT



HEALTH EDUCATION (GIRLS' AND BOYS')

Prerequisites: None

Credit: ½

Grade Level: 9, 10, 11, 12

This course is designed to excite students' interest in health issues and enable them to see relationships between behavior and health. It helps students develop a heightened sense of personal and social responsibility for health decision-making and provides them with the skills necessary to make wise choices. The course focuses on seven priority health issues: Strengthening Relationships with Family and Friends; Living with Feelings and Stress; Protecting Oneself and Others; Tobacco, Alcohol, Other Drugs; Violence Prevention; First Aid & CPR; and Nutrition.

PHYSICAL EDUCATION I, II, III, IV (GIRLS' AND BOYS')

Prerequisites: Successful completion of the previous level course

Credit: ½ per semester

Grade Level: 9, 10, 11, 12

This course includes basic fundamentals and play for both individual and team sports. The course offers opportunities for participation in track, basketball, softball, badminton, volleyball, and pickle ball. We will work to improve the student's fitness by participating in the Five for Life fitness program. The program includes circuit stations and weight training in which students perform exercises designed to improve their fitness level.

JUNIOR ROTC DEPARTMENT



JROTC I, II, III, IV

Prerequisites: Successful completion of the previous level course

Credit: 1

Grade Level: 9, 10, 11, 12

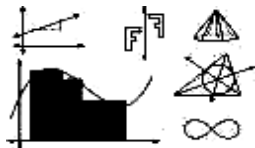
This course consists of Leadership Education, Military Science, & Wellness. Leadership Education introduces students to the meaning of citizenship, elements of leadership, and the importance of scholarship in attaining goals. It exposes students to the heritage and traditions of the United States Armed Forces.

Wellness is an official part of the JROTC program.

It is an exercise program focused upon individual baseline improvements with the goal of achieving a national standard as calculated with age and gender. It is instrumental in developing citizens of character dedicated to serving our nation and communities. The program is provided as a tool to help develop individualized training programs for cadets (including team sports). The Wellness program is a 36-week program modifiable to meet individual goals. It is comprised of nineteen (19) exercises which can be conducted with minimal space and minimal climate dependency. The exercises develop all muscle groups and provide sufficient anaerobic and aerobic intensity. They require no equipment and use only body weight and common objects (ie. Chairs). The overall program consists of aerobic conditioning (including running), competitive athletics, and a physical fitness test. Cadets are asked to complete and have parents/guardians sign an AFJROTC physical health screening form in order to participate in wellness training activities. Wellness grades are "participation" and "effort" grades. Cadets get credit for participating and giving their best effort. Cadets who are sick or injured are expected to have a note from parent/guardian or health care provider exempting them from wellness participation. Failure to do so will result in

a grade of “zero” (0). The instructors strive to develop in each cadet a growing sense of pride in the team, as well as in himself. This course is offered every year.

MATHEMATICS DEPARTMENT



The mathematics departments strive to uphold the standards set forth by National Council of Teachers of Mathematics. The faculty realizes the importance of mathematics in everyone’s life but also appreciates the beauty of mathematics as we try to convey its splendor to our students.

ADVANCED MATH – FUNCTIONS

Prerequisites: Geometry and Algebra II
Credit: 1
Grade Level: 11, 12

This course is designed to continue the study of topics from geometry and Algebra II. Topics include triangle trigonometry, as well as polynomial, rational, exponential and logarithmic functions, as well as an introduction to basic univariate and bivariate statistics. The course does not qualify for dual enrollment credit through ULM or LDCC.

ADVANCED MATH - PRE-CALCULUS

Prerequisites: Geometry and Algebra II
Credit: 1
Grade Level: 11, 12

This course is divided into semesters: trigonometry first, calculus preparation second. Students demonstrate knowledge of circular and trigonometric functions and their inverses by graphing equations, simplifying expressions, and proving identities. Special emphasis is placed on application of trigonometry to “real-world” situations. Students undertake an extensive review of high school algebra topics that continues into sequences and series, mathematical induction, binomial expansion, and monotonicity. The basis of calculus is laid with a comprehensive study of limits and continuity and an overview of differential and integral calculus and its

historical development and significance. Students learn from lectures and research both individually and in groups. **Eligible students may pursue this course for Dual Enrollment credit through ULM.**

ALGEBRA I

Prerequisites: None
Credit: 1
Grade Level: 9, 10, 11

This comprehensive course prepares students to use algebraic skills and concepts in mathematics and related disciplines, and in real-world situations. Emphasis is placed on number sense, real numbers, and operations; patterns, relations, and functions; equations and inequalities; polynomials; geometry; and probability and statistics. An End of Course exam is required for all students completing Algebra I.

ALGEBRA I HONORS/PRE-AP

Prerequisites: None
Credit: 1
Grade Level: 9, 10

This course consists of the topics covered in Algebra I and incorporates an increased focus on applying skills learned to a broader variety of situations. An End of Course exam is required for all students completing Algebra I H.

ALGEBRA II

Prerequisites: Algebra I or Int. Math II
Credit: 1
Grade: 10, 11, 12

This course provides experiences that increase students’ understanding of the structure of algebra. Students perform multiple operations on real numbers and algebraic expressions, acquire skills in finding solution sets of linear and quadratic equations and inequalities, perform multiple operations on complex numbers, demonstrate a basic understanding of conic sections given sufficient data, acquire skills in performing operations on polynomials, solve problems that involve exponential and logarithmic functions, and develop a basic understanding of functions and inverse relations. Emphasis is placed on applying mathematical knowledge to everyday life. Technology and manipulatives are used, as appropriate.

ALGEBRA II HONORS/PRE-AP

Prerequisites: Algebra I and Geometry

Credit: 1

Grade Level: 10, 11, 12

This course consists of the topics covered in Algebra II with emphasis placed on applying familiar intellectual tools to unfamiliar intellectual tasks. An appreciation for mathematical beauty is one of the goals of the course. Students learn from lectures and research both individually and in groups. Technology and manipulatives are used, as appropriate.

CALCULUS - AP

Prerequisites: Pre-Calculus

Credit: 1

Grade Level: 12

This course provides experiences that increase students' understanding of the structure of calculus. Students first review pre-calculus topics, then undertake an exhaustive study of limits of functions considering their kinds, definitions, existences, evaluations, and proofs. The remainder of the course deals with differentiation and integration—definitions, techniques, and applications. Emphasis is two-fold: an appreciation of the art of calculus, including its historical significance, and an appreciation of the power of calculus in its application to science, business, etc. Students learn less from lectures and more from research, both as individuals and in cooperative groups. Students may earn college credit through the AP exam in May, through college placement or CLEP exams, or through dual enrollment with ULM.

FINANCIAL LITERACY

Prerequisites: Algebra I or Int. Math II

Credit: 1

Grade Level: 11, 12

This course is designed to help students become knowledgeable consumers and business persons. Topics include automobile and housing expenses, wages, taxes, personal finance, credit, investments, and insurance. This course meets graduation requirements for mathematics.

GEOMETRY

Prerequisites: Algebra I or Int. Math II

Credit: 1

Grade Level: 10, 11, 12

This course provides experiences that increase students' understanding of geometric figures and their properties. It provides students the opportunity to visualize and work with shapes in order to develop skills fundamental to everyday life and to many careers. Calculators, computer technology, manipulatives, and videotapes will be used when appropriate throughout the course. An End of Course exam is required for all students completing geometry.

GEOMETRY HONORS/PRE-AP

Prerequisites: Algebra I

Credit: 1

Grade Level: 9, 10, 11

This course consists of the topics covered in geometry while incorporating an increased focus on formal proofs and special enrichment topics. An End of Course exam is required for all students completing geometry.

INTEGRATED MATH I

Prerequisites: None

Credit: 1

Grade Level: 9, 10

This course is the first of three courses in a series that uses a more integrated approach to cover the same algebra and geometry concepts and skills that are included in the traditional three course series. The problem situations, models, and technology used will foster connections among the various strands of mathematics and develop concepts from multiple perspectives. This course provides students with the opportunity to develop fundamental skills of algebra. Topics include using calculators, converting among decimals, fractions, and percent, developing problem-solving skills, using measurement systems, and collecting, presenting, and interpreting data.

INTEGRATED MATH II

Prerequisites: Integrated Math I

Credit: 1

Grade level: 10, 11

This course is the second of three courses in a series that uses a more integrated approach to cover the same algebra and geometry concepts and skills that are included in the traditional three course series. The problem situations, models, and technology used will foster connections among the various strands of mathematics and develop concepts from multiple

perspectives. An End Of Course exam is required of all students completing Integrated Math II.

INTEGRATED MATH III

Prerequisites: Integrated Math II

Credit: 1

Grade Level: 11, 12

This course is the third of three courses in a series that uses a more integrated approach to cover the same algebra and geometry concepts and skills that are included in the traditional three course series. The problem situations, models, and technology used will foster connections among the various strands of mathematics and develop concepts from multiple perspectives. An End Of Course exam is required of all students completing Integrated Math III.

MATH ESSENTIALS

Prerequisites: Geometry or Int. Math II

Credit: 1

Grade Level: 11, 12

This course consists of topics such as ratio and proportion, probability, statistics, topics in geometry, exploring linear functions, exploring step, piecewise, and absolute value functions, exploring quadratic functions, and exploring other math topics. This course can be used to satisfy the fourth math requirement for graduation.

PRE-CALCULUS HONORS/PRE-AP

Prerequisites: Geometry and Algebra II

Credit: 1

Grade Level: 11, 12

This course is divided into semesters: trigonometry first, calculus preparation second. Students demonstrate knowledge of circular and trigonometric functions and their inverses by graphing equations, simplifying expressions, and proving identities. Special emphasis is placed on application of trigonometry to "real-world" situations. Then students undertake an extensive review of a litany of high school algebra topics that continues into sequences and series, mathematical induction, binomial expansion, and monotonicity. Finally, the basis of calculus is laid with a comprehensive study of limits and continuity and an overview of differential and integral calculus and its historical development and significance. Students learn from lectures and research both individually and in groups. Use of

technology is extensive. Students may earn college credit through college placement or CLEP exams or through Dual Enrollment with ULM.

PROBABILITY AND STATISTICS

Prerequisites: Advanced Math

Credit: 1

Grade Level: 12

This course is designed for the college-bound student who has completed Advanced Math. The course introduces students to the fundamentals of descriptive and inferential statistics. Major topics include methods for analyzing sets of data, probability, probability distributions, estimation, confidence intervals, hypotheses testing, simple linear regression, correlation and non-parametric statistics. The course may be taken for Math 1016 credit through ULM, but only by those students who have credit in college Algebra.

MUSIC DEPARTMENT



ADVANCED BAND

Prerequisites: None

Credit: 1

Grade Level: 9, 10, 11, 12

This course consists of instruction in instrument care and maintenance, music theory, introduction to music history and exploration of various music genres. Class instruction includes performance, instrumental technique, intonation, and development of the instrument's characteristic sound. This class may be repeated for credit.

ADVANCED CHORUS

Prerequisites: None

Credit: 1

Grade Level: 9, 10, 11, 12

Advanced Chorus is a mixed ensemble of advanced singers. Membership is by interview/audition. Students are placed in concert choir based on the student's singing ability, music reading ability and music comprehension. Concert choir is performance based with after school

participation required. This class may be repeated for credit. Travel and performance are based on teacher approval.

ADVANCED CHORUS-WOMEN

Prerequisites: None
Credit 1
Grade Level: 9, 10, 11, 12

Advanced Chorus-Women is composed of intermediate and advanced female voices. Membership is by interview/audition and based on the student's singing ability, music reading skills and music comprehension. Women's Chorale is performance based and after school participation is required. This class may be repeated for credit. Travel and performance are based on teacher approval.

ADVANCED ORCHESTRA

Prerequisites: None
Credit: 1
Grade Level: 9, 10, 11, 12

Orchestra is a course and performance ensemble designed to provide the student opportunities to learn and perform stringed instruments on an advanced level through class rehearsal, sectional practice, individual assignments, and orchestra performance. It will be offered to students enrolled in Jr. High orchestra class or with teacher audition. This course may be repeated for credit.

APPLIED MUSIC

Prerequisites: None
Credit: 1
Grade Level: 9, 10, 11, 12

This course allows students the opportunity to study and practice the piano. Class size is limited to 3-4 students per semester. Students are scheduled based on first come, first serve or availability of space.

BEGINNING BAND

Prerequisites: None
Credit: 1
Grade Level: 9, 10 ONLY

Any student with less than one year of music instruction may sign up for beginning band. Beginning Band includes a solid foundation in music theory, application and history.

BEGINNING CHOIR

Prerequisites: None
Credit: 1
Grade Level: 9, 10, 11, 12

Any student may participate in Beginning Choir. The class consists of vocal, rhythm and harmony techniques using percussion and melodic instruments. Performances are not required.

FINE ARTS SURVEY

Prerequisites: None
Credit: 1
Grade Level: 11, 12

This class is intended to give the student an intensive study of the five eras from the 15th – 21st century. The class will include music, drama, visual arts and dance from the five eras. Dance and recorder will be included in this course.

PUBLICATIONS



MEDIA ARTS I, II, III, IV

Prerequisites: None
Credit: 1
Grade Level: 9, 10, 11, 12

Students learn and apply techniques of journalism through writing news releases and articles for news media, desktop publishing, photography, public relations, and production of a newspaper in a news room setting.

PUBLICATIONS I, II (YEARBOOK)

Prerequisites: None
Credit: 1
Grades: 11, 12

Students in Publications I assist in the writing and compilation of the school yearbook. All students work in Adobe Pagemaker and become acquainted with layout and design. All students get an introduction to photography and Photoshop. Students in Publications II plan, design, layout, and prepare the student yearbook for publication.

SCIENCE DEPARTMENT



ANATOMY and PHYSIOLOGY

Prerequisites: Chemistry

Credit: 1

Grade Level: 11, 12

Human Anatomy and Physiology is a biology course for students interested in learning more about how the body works. This course is an introduction to the terminology, anatomy, and physiology of the human body as it applies to everyday life. This course is designed to introduce students to the structures and functions of the human body, and to provide a basis for understanding how changes in structure and function can lead to injury and disease.

BEGINNING ROBOTICS

Prerequisites: None

Credit: 1

Grade Level: 9, 10, 11, 12

This course is designed to introduce students to the basics of electronics and robotics. The class utilizes the Parallax Boe Bot platform as it teaches science, technology, engineering, and mathematics (STEM). After students cover basic electricity and electronics, students will learn how to use feedback from sensors, applied mathematics and measurement to program their robot to navigate in its environment. Students will have the opportunity to complete multiple challenges involving guided research, problem solving, working in teams, and design documentation. This course has a strong lab component.

BIOLOGY I

Prerequisites: None

Credit: 1

Grade Level: 9, 10, 11, 12

A general course in biology is required of all students. The course places emphasis on origin, structure, function, and dynamics of life. Units taught consist of cytology and genetics, botany, invertebrates, vertebrates, and human

biology. Lab is an important part of the program. The material covered is applicable for students entering college or for those ending formal education upon graduation. An End of Course exam is required for all students in Biology I.

BIOLOGY I GT

Prerequisites: Current evaluation by Pupil Appraisal

Credit: 1

Grade Level: 9, 10, 11, 12

Gifted Biology I is a laboratory-based course designed to provide a concentrated study of biology for academically capable and self-disciplined students. Topics include cell biology, genetics, molecular biology, evolution, classification, taxonomy, and anatomy and physiology. Students are required to design and conduct individual and group laboratory activities and projects. Teaching strategies encourage students to relate modern biological techniques to real life situations and career opportunities. An End of Course Exam is required for all students completing Biology I.

BIOLOGY I HONORS/PRE-AP

Prerequisites: none

Credit: 1

Grade Level: 9, 10, 11, 12

This course consists of the topics and labs covered in Biology I with the addition of written and oral reports, tri-hybrid crosses, pedigree analyses, construction of dichotomous keys, application of the Hardy-Weinberg principle, participation in debates on current issues and extended lab units. An End of Course exam is required for students completing Biology I.

BIOLOGY II

Prerequisites: Algebra I, Biology I and Chemistry I

Credit: 1

Grade Level: 11, 12

This course is designed for students who have an adequate background in biology but want to know more. Topics include cellular biology, biochemistry, biotechnology, genetics, microbiology, evolution, behavior and ecology, and anatomy and physiology. It emphasizes laboratory-centered activities, research and advanced laboratory techniques.

BIOLOGY II AP

Prerequisites: A or B in Biology I

Credit: 1

Grade Level: 11, 12

In addition to the basic labs and topics covered in Biology II, students are required to prepare a research project which they may present at the regional science fair. Students will also be required to read both classic and current experiments in biology and read and discuss current research found in scientific journals. Students in this course are expected to take the AP exam in May.

BIOLOGY II H DUAL ENROLLMENT

Prerequisites: Algebra I, Biology I and Chemistry I, ULM Admission

Credit: 1

Grade Level: 11, 12

Dual Enrollment Biology II is a college-level introductory biology survey course taken by non-science majors. This course includes a survey of cell biology, genetics, molecular biology, evolution, classification, taxonomy, and anatomy and physiology. This course has a strong laboratory component. Eligible students may pursue this course for Dual Enrollment credit (Biology 1001- Lecture Full Year; 1009 - Lab Spring Semester) through ULM.

CHEMISTRY I

Prerequisites: Physical Science and Algebra I; current enrollment in Algebra II

Credit: 1

Grade Level: 11, 12

Chemistry uses a conceptual approach to deal with the composition and properties of matter and with the reactions by which substances are produced or changed into other substances. The course requires numerous mathematical calculations (word problems) as well as laboratory exercises.

CHEMISTRY I HONORS/PRE-AP

Prerequisites: Physical Science and Algebra I; current enrollment in Algebra II

Credit: 1

Grade Level: 11, 12

This course addresses a more in-depth study of basic concepts taught in chemistry with emphasis on more independent study. Special projects are required. Problem solving will be more rigorous than in regular Chemistry I. Juniors may register

for this course with approval of chemistry teacher.

CHEMISTRY II AP

Prerequisites: Chemistry I and Algebra II

Credit: 1

Grade Level: 11, 12

This course goes beyond the mere basic concepts and calculations of Chemistry I. It will be challenging and requires student interest and motivation. A prescribed number of laboratory exercises must be completed and documented in a formal laboratory report. Students are expected to take the AP Chemistry exam in May.

Students that pass the AP exam with a 3 or higher are eligible to receive up to 6 hours of college credit depending upon the university attending.

EARTH SCIENCE

Prerequisites: None

Credit: 1

Grade Level: 10, 11, 12

This course is designed to give students an understanding of the earth, its processes, history, and place in the universe. The course will cover meteorology, astronomy, and geology. Man's influence on his environment, locally and globally will be explored. Emphasis will be placed on energy in the earth system, geochemical cycles, the origin and evolution of the earth system and universe, interpretation of data and problem solving.

ENVIRONMENTAL SCIENCE

Prerequisites: None

Credit: 1

Grade Level: 10, 11, 12

Environmental Science consists of general and human ecology, using resources wisely, major and alternate sources of energy, pollution and environmental health. This course is designed to use scientific principles to study processes and to examine changes within the environment and to identify both natural and man-made activities that impact the environment.

ENVIRONMENTAL SCIENCE AP

Prerequisites: Biology and Chemistry

Credit: 1

Grade Level: 11, 12

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.

PHYSICAL SCIENCE

Prerequisites: None

Credit: 1

Grade Level: 10, 11

Physical Science emphasizes the physical aspects of science. The course will cover the physical and chemical structure and characteristics of atoms and matter; motion, including mass, weight, force, and acceleration; use and conservation of energy; behavior of waves, characteristics of sound waves, speed of sound waves; light, color, reflection and refraction of light waves; electricity, magnetism, and heat. Lab is required.

PHYSICAL SCIENCE HONORS

Prerequisites: None

Credit: 1

Grade Level: 10

This enriched course emphasizes the physical aspects of science and is intended to prepare students for chemistry and/or physics. The course will cover the physical and chemical structure and characteristics of atoms and matter; motion, including mass, weight, force, and acceleration; use and conservation of energy; behavior of waves, characteristics of sound waves, speed of sound waves; light, color, reflection and refraction of light waves; electricity, magnetism and heat. Lab is required.

PHYSICS HONORS

Prerequisites: Chemistry I, Geometry, and Algebra II, and current enrollment in Pre-calculus or Advanced Math is recommended

Credit: 1

Grade Level: 12

This physics course provides students with a rigorous program that showcases a systems-level understanding of mathematics, science, and engineering that STEM-professionals use every day. The course uses a microcontroller platform, along with various other hands-on activities, that drive physics fundamentals in the five units - Electricity & Magnetism,

Work & Mechanics, Waves & Sound, Light & Optics, and Thermal Fluids. By using a project-driven approach, students become engaged early and maintain a high degree of interest and curiosity throughout the course.

SOCIAL STUDIES DEPARTMENT



CIVICS

Prerequisites: None

Credit: 1

Grade Level: 10, 11, 12

Civics is the study of the duties, rights, and privileges of citizenship. Emphasis is placed on the operation of federal, state, and local governments, and the role of the citizen with regard to individual duties in a democracy. Contemporary problems involving the United States are discussed.

CIVICS GT

Prerequisites: Current evaluation by Pupil Appraisal

Credit: 1

Grade Level: 10, 11, 12

Civics is the study of the duties, rights, and privileges of citizenship. Emphasis is placed on the operation of federal, state, and local governments, and the role of the citizen with regard to individual duties in a democracy. This course is taught at an accelerated pace and includes in-depth analysis and discussion of important national and state concerns.

CIVICS HONORS/PRE-AP

Prerequisites: None

Credit: 1

Grade Level: 10, 11, 12

Civics is the study of the duties, rights, and privileges of citizenship. Emphasis is placed on the operation of federal, state, and local governments, and the role of the

citizen with regard to individual duties in a democracy. This course includes in-depth analysis and discussion of important national and state concerns.

PSYCHOLOGY

Prerequisites: None

Credit: 1

Grade Level: 11, 12

This course is a study of the mental and emotional make-up of the human being. It is an introductory course that covers such behaviors as motivation, personality, emotions, mental health and mental illness, sensation, perception, social behavior, and growth and development.

US GOVERNMENT AND POLITICS - AP

Prerequisites: None

Credit: 1

Grade: 11, 12

The Advanced Placement U. S. Government and Politics course is a one semester course and is equivalent to an introductory college-level course. Students explore the operations and structure of the U.S. government and the behavior of the electorate and politicians. Students gain the analytical perspective necessary to evaluate political data, hypotheses, concepts, opinions, and processes and learn how to gather data about political behavior and develop their own theoretical analysis of American politics. Students in this course are expected to take the AP test in May.

US HISTORY

Prerequisites: None

Credit: 1

Grade Level: 11

United States History is the study of our nation's history emphasizing the period 1877 to the present. The students work with primary and secondary sources as well as maps, graphs, and charts.

US HISTORY AP

Prerequisites: None

Credit: 1

Grade: 11

The Advanced Placement program in United States History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials of U.S. History. The course prepares students for intermediate and advanced

college courses by making demands upon them equivalent to those made by full-year introductory college survey courses. Students learn to interpret and evaluate the relative significance of primary and secondary source material and to present their evidence and conclusions clearly and persuasively in an essay format. Students in this course are expected to take the AP test in May.

US HISTORY HONORS

Prerequisites: None

Credit: 1

Grade Level: 11

American History is the study of our nation's history emphasizing the period 1877 to the present. The students work with primary and secondary sources as well as maps, graphs, and charts. Class discussions of historical issues are emphasized and individual and group projects may be assigned.

WORLD GEOGRAPHY

Prerequisites: None

Credit: 1

Grade Level: 9, 10, 11, 12

The study of geography aims to develop students who see, understand, and appreciate the connections among people, places, and environments. With a strong grasp of geography, students are prepared to understand issues and solve problems in the contemporary world.

WORLD GEOGRAPHY HONORS

Prerequisites: None

Credit: 1

Grade Level: 9, 10, 11, 12

This course is designed to provide students with an overview of concepts and themes of geography. Emphasis is placed on the connections that exist among regions, cultures, and environments. Current events are discussed with respect to physical and cultural geography.

WORLD HISTORY

Prerequisites: None

Credit: 1

Grade Level: 12

This course will cover the following topics: Renaissance, Reformation, Scientific Revolution, and Age of Enlightenment (1350–1770 A.D.), Exploration and Expansion (1450–1770), Political Revolutions (1750-1899), Agricultural,

Commercial, and Industrial Revolutions, Nations and Empires (1750–1914), Totalitarianism and Global Conflict (1900–1945), Changing World of Superpowers (1945–Present), and Contemporary World Trends and Issues (1945–Present).

SPEECH DEPARTMENT



SPEECH –THEATER – DEBATE

SPEECH I, II, III, IV (Debate)

Prerequisites: None

Credit: 1

Grades: 9, 10, 11, 12

Students who exhibit strong vocal, research and analytical skills and who express an interest in competitive argumentation are entered into this debate theory and prep class. The national debate topics are researched and evidence for and against the resolutions are catalogued to be used in competitions against opposing Louisiana Speech League teams from other member schools. Debate theory includes studying the U.S. Constitution, Supreme Court decisions, and Congressional records. Enrollment in this traveling competitive-team class is based on sponsor's approval.

SPEECH I, II, III, IV (Varsity Speech)

Prerequisites: None

Credit: 1

Grades: 9, 10, 11, 12

Members of the Varsity Speech Squad fine tune their skills in interscholastic contest among Louisiana Speech League Member Schools. Students practice perfecting performances in original oratory, extemporaneous speaking, prose/poetry, humorous/dramatic interpretations, duo interpretation, duet acting, declamation, and other related speaking events. Additional instruction is given in character building, organizing group meetings using parliamentary procedure and other areas related to responsible citizenship in an articulate society. Students learn to polish their research, writing, and speaking skills

while creating critical analyses of selected material and by producing a weekly radio show on 101.9 FM known as "Tiger Beat!" Enrollment in this traveling competitive-team class is based on sponsor's approval.

SPEECH I, II, III, IV (Theater History/Acting/Communications/Public Speaking/Public Forums)

Prerequisites: None

Credit: 1

Grade: 9, 10, 11, 12

Students learn to appreciate the aesthetics of the theatrical world while engaging in the study of drama history and various acting assignments. Participating in formal group discussions in front of an invited audience affords students the opportunity to become articulate, informed citizens. Research, writing, and speaking skills are enhanced with library time and multiple oral assignments presented before the class. Units of acting, stage movement, stage areas, prose-poetry, parliamentary procedure, job applications, interviewing, Student Congress, and TV-Radio announcing are rotated annually to provide a customized curriculum that offers variety from year to year.

LOUISIANA DELTA COMMUNITY COLLEGE OFFERINGS



Delta courses are taught by college teachers. Students enrolled in these courses must qualify for admission to Delta and may be required to pay tuition or buy textbooks for the courses.

ENGLISH IV HD/ENGLISH 099

Prerequisites: LDCC admission

Credit: 1

Grade Level: 12

English IV HD is designed to provide students with the skills of literary analysis and composition equal to those of a student completing developmental English in college. This course requires extensive

reading. The emphasis in composition is on literary analysis, so students must have strong expository composition skills, including mechanics. This course is offered through Dual Enrollment with Delta Community College.

HISTORY 101 (WESTERN CIVILIZATION TO 1650 A.D.)

Prerequisites: LDCC admission
Credit: 1 HS credit; 3 college credits
Grade Level: 11, 12

This course is a survey of civilization of the world to 1650.

HISTORY 102 (WESTERN CIVILIZATION SINCE 1650 A.D.)

Prerequisites: LDCC admission
Credit: 1 HS credit; 3 college credits
Grade Level: 11, 12

This course is a survey of civilization of the world from 1650 to the present.

PROCESS TECHNOLOGY 101 - INTRO

Prerequisites: LDCC admission
Credit: 1 HS credit; 3 college credits
Grade Level: 11, 12

This course introduces students to the field of process operations within the process industry. It reviews the roles and responsibilities of process technicians, the environment in which they work, and the equipment and systems which they operate. Prerequisites: Must be eligible for MATH 099 and ENGL 099.

PROCESS TECHNOLOGY 131 – INSTRUMENTATION

Prerequisites: LDCC admission
Credit: 1 HS credit; 3 college credits
Grade Level: 11, 12

This course involves the study of the instruments and instrument systems used in the chemical processing industry including terminology, primary variables, symbology, control loops, and basic troubleshooting.

PROCESS TECHNOLOGY 161 – EQUIPMENT

Prerequisites: PTEC 101 and 131, LDCC admission
Credit: 1 HS credit; 3 college credits
Grade Level: 12

This course introduces equipment used in the process industry. It also studies many process industry-related equipment concepts including purpose, components, and operation.

PROCESS TECHNOLOGY 203 – SAFETY HEALTH AND ENVIRONMENT

Prerequisites: LDCC admission
Credit: 1 HS credit; 3 college credits
Grade Level: 12

Introduces various types of plant hazards, safety, and environmental systems and equipment, and regulations under which industry is governed. Prerequisites: Must be eligible for MATH 099 or higher level Math.

PSYCHOLOGY 201-INTRODUCTION TO PSYCHOLOGY

Prerequisites: LDCC admission
Credit: 1 HS credit; 3 college credits
Grade Level: 11, 12

This course is a broad overview of the field of psychology designed to expose students to major theories, research methods and applied areas of psychology.

SOCIOLOGY 201 – INTRODUCTION TO SOCIOLOGY

Prerequisites: LDCC admission
Credit: 1 HS credit; 3 college credits
Grade Level: 11, 12

As an introduction to the discipline of sociology, this course surveys and provides students with an understanding of human society and social life. It introduces students to the major subject areas of sociology, including the major theoretical perspectives and theorists; logic and techniques of research; social organization, institutions, and inequality and social change.

ULM COURSE OFFERINGS



ULM courses are taught by college teachers. Students enrolled in these courses must qualify for admission to the university and pay tuition.

IN ADDITION TO THE CLASSES HELD ON CAMPUS, STUDENTS MAY ENROLL IN ONLINE COURSES THROUGH ULM. SPECIFIC COURSE OFFERINGS VARY SEMESTER TO SEMESTER. AT THE BEGINNING OF EACH SEMESTER,

LISTEN FOR ANNOUNCEMENTS REGARDING COURSE OFFERINGS OR CHECK WITH YOUR GUIDANCE COUNSELOR.

ADVANCED MATH HD/MATH 1011, 1016

Prerequisites: Geometry and Algebra II, ULM admission

Credit: 1 HS credit; 3/6 college credits

Grade Level: 11, 12

This course is divided into semesters with in-depth treatment of solving equations and inequalities; function properties and graphs; inverse functions; linear, quadratic, polynomial, rational, exponential and logarithmic functions with applications; systems of equations. In

1016, the following topics will be covered: an introduction to descriptive statistics, probability, discrete and continuous distributions, confidence intervals, hypothesis testing, correlation and regression. Students may earn college credit through college placement, CLEP exams, or through Dual Enrollment with ULM.

ENGLISH IV H /1001, 1002

Prerequisites: English III, ULM admission

Credit: 1 HS credit; 3/6 college credits

Grade Level: 12

English 1001, 1002 is designed to provide students with the skills of literary analysis and composition equal to those of a student completing freshman English in college. Students may earn college credit through college placement or CLEP exams, or through Dual Enrollment with ULM. This course requires extensive reading. The emphasis in composition is on literary analysis, so students must have strong expository composition skills, including mechanics.

HISTORY 1011/1012/ WORLD HISTORY HD

Prerequisites: ULM admission

Credit: 1 HS credit; 3/6 college credits

Grade Level: 12

This course will cover the following topics: Renaissance, Reformation, Scientific Revolution, and Age of Enlightenment (1350–1770 A.D.), Exploration and Expansion (1450–1770), Political Revolutions (1750–1899), Agricultural, Commercial, and Industrial Revolutions, Nations and Empires (1750–1914), Totalitarianism and Global Conflict (1900–

1945), Changing World of Superpowers (1945–Present), and Contemporary World Trends and Issues (1945–Present)

Students may earn college credit through college placement or CLEP exams or through Dual Enrollment with ULM.

PRE-CALCULUS H/MATH 1011, 1012

Prerequisites: Geometry and Algebra II, ULM admission

Credit: 1 HS credit; 3/6 college credits

Grade Level: 11, 12

This course is divided into semesters: trigonometry first, calculus preparation second. Students demonstrate knowledge of circular and trigonometric functions and their inverses by graphing equations, simplifying expressions, and proving identities. Special emphasis is placed on application of trigonometry to “real-world” situations. Then students undertake an extensive review of a litany of high school algebra topics that continues into sequences and series, mathematical induction, binomial expansion, and monotonicity. Finally, the basis of calculus is laid with a comprehensive study of limits and continuity and an overview of differential and integral calculus and its historical development and significance. Students learn from lectures and research both individually and in groups. Use of technology is extensive. Students may earn college credit through college placement, CLEP exams, or through Dual Enrollment with ULM.

COURSE ADVANCEMENT OFFERINGS

Students in Monroe City Schools are offered the opportunity for credit advancement via several avenues. Correspondence courses are available through LSU (<https://is.lsu.edu/HSParents.asp>) and BYU (<http://is.byu.edu/site/>) independent study correspondence courses. Each course has a minimal charge. Check with the counselors for more information.

Students are also offered the opportunity to receive credit through MCS Virtual School while attending other Monroe City Schools high schools or other alternative settings. Students are also offered the opportunity for credit advancement through Advanced Placement courses/tests and the CLEP tests.