

# Ruston High School

## Course Selection Guide 2009-2010



*Recognized for Excellence in Education by the United States Office of Education*

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### Ruston High School Mission Statement

Ruston High School is committed to fostering academic potential and individual growth in an environment of rigor, relevance, and relationships.



## “Tradition, Pride, Bearcat”

### MIKE MILSTEAD, PRINCIPAL

#### Assistant Principals

David Crowe  
Rik Cason  
Larry Lewis

#### Guidance Counselors

Kay White, Registrar and 12th Grade  
Diana Humphries, 11th Grade  
Dawna Keys, 10th Grade  
Kellye Ratcliff, 9th Grade

#### Freshman Academy

Catherine Letendre, Coordinator  
Pam Pruden, Student Services

#### Career Center

Jessie Bryan  
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## EQUAL OPPORTUNITY STATEMENT

In compliance with Title VI, Title IX, and Section 504 of the Rehabilitation Act of 1973, this Educational Agency upholds the following policy:

This is an equal opportunity school and is dedicated to a policy of non-discrimination in employment or training. Qualified students, applicants or employees will not be excluded from any course or activity because of age, race, creed, color, sex, religion, national origin, or qualified handicap. All students have equal rights to counseling and training.

**NOTE:** This publication was published prior to the end of the school year 2009; therefore, updates may follow.



## Graduation Requirement for Classes of 2010 and 2011

|   |          |
|---|----------|
| ENGLISH .....   | 4 units  |
| English I, II, III, in consecutive order; and English IV or Business English  |          |
| MATHEMATICS .....   | 3 units  |
| Effective for 2005 - 2006 incoming freshmen and thereafter, three units of mathematics shall be required for graduation. All students must complete one of the following: Algebra I (1 unit) or Algebra I-Pt. 1 and Algebra I-Pt. 2 (2 units) or Integrated Mathematics I (1 unit).   |          |
| The remaining unit(s) shall come from the following: Integrated Mathematics II, Integrated Mathematics III, Geometry, Algebra II, Financial Mathematics, Advanced Mathematics I, Advanced Mathematics II, Pre-Calculus, Calculus, Probability and Statistics, and Discrete Mathematics.   |          |
| SCIENCE .....   | 3 units  |
| Effective for students graduating in 2006 and beyond the science graduation requirements shall be: 1 unit of Biology, 1 unit from the following physical science cluster: Physical Science, Integrated Science, Chemistry I, Physics I and Physics of Technology I, 1 unit from the following courses: Aerospace Science, Biology II, Chemistry II, Earth Science, Environmental Science, Physics II, Physics of Technology II, Agriscience II, and additional course from the physical science cluster, or a locally initiated science elective. Students may not take both Integrated Science and Physical Science. Agriscience I is a prerequisite for Agriscience II and is an elective course. |          |
| SOCIAL STUDIES .....  | 3 units  |
| American History, one-half unit of Civics and one-half unit of Free Enterprise, and one of the following: World History, World Geography, or Western Civilization.  |          |
| HEALTH EDUCATION .....  | ½ unit   |
| PHYSICAL EDUCATION .....  | 1½ units |
| Physical Education I and Physical Education II, or Adapted Physical Education for eligible special education students. NOTE: The substitution of R.O.T.C. is permissible. A maximum of four units may be used toward graduation..   |          |
| ELECTIVES .....   | 8 units  |
| It is recommended that four of these credits shall be in an area of concentration with a sequence of related specialty courses plus one related technical course.   |          |
| TOTAL .....   | 23 units |

All students must pass the English and Math components plus pass either the Science or Social Studies components of the Graduate Exit Exam (GEE).

## LA Core 4 Curriculum - Requirements for graduating classes beginning with class of 2012.

|   |          |
|---|----------|
| ENGLISH .....   | 4 units  |
| - English I, II, III, and IV  |          |
| MATHEMATICS .....   | 4 units  |
| - Algebra I or Algebra I-Pt. 2  |          |
| - Geometry  |          |
| - Algebra II  |          |
| - Remaining unit shall come from the following: Financial Math, Math Essentials, Advanced Math—Pre-Calculus, Advanced Math—Functions and Statistics, Pre-Calculus, Calculus, Probability and Statistics, Discrete Math, or a locally-initiated elective approved by BESE as a math substitute   |          |
| SCIENCE .....   | 4 units  |
| - Biology   |          |
| - Chemistry   |          |
| - 2 units from 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 locally-initiated elective approved by BESE as a science substitute.* |          |
| SOCIAL STUDIES .....  | 4 units  |
| - ½ unit of Civics or AP American Government  |          |
| - ½ unit of Free Enterprise   |          |
| - American History  |          |
| - 1 unit from the following: World History, World Geography, Western Civilization, or AP European History   |          |
| - 1 unit from World History, World Geography, Western Civilization, AP European History, Civics (second semester – ½ credit), Law Studies, Psychology, Sociology, or African American Studies*  |          |
| HEALTH EDUCATION .....  | ½ unit   |
| PHYSICAL EDUCATION .....  | 1½ units |
| FOREIGN LANGUAGE .....  | 2 units  |
| - 2 units from the same foreign language or 2 units of speech   |          |
| ARTS .....  | 1 units  |
| - Fine Arts Survey or one unit of Art, Dance, Music, or Theatre*  |          |
| *Approved IBC-related course may be substituted.  |          |
| ELECTIVES .....   | 3 units  |
| TOTAL .....   | 24 units |

# CLASS OF 2010

**Ruston High School  
Bearcats  
Are The Best!**



# Regents' Scholar Certificate Of Recognition College Preparatory Curriculum

ENGLISH ..... 4 Units  
English I, II, III, IV (no substitutions)

MATHEMATICS ..... 3 Units  
Algebra I (one unit) or Algebra I Part I and Algebra I Part 2 (two units), Algebra II, and either Geometry, Trigonometry, Calculus or comparable advanced math

SCIENCE ..... 3 Units  
Biology I, Chemistry, and either Earth Science, Environmental Science, Physical Science, Biology II, Physics, Physics II, Chemistry II or Physics for Technology

SOCIAL STUDIES ..... 3 Units  
American History, Civics and Free Enterprise, and either World History, Western Civilization, or World Geography

FINE ARTS SURVEY ..... 1 Unit  
Or substitute two units of performance courses in music, dance, and/or theater; or two units of visual art; or substitute two units of studio art; or substitute one unit of an elective from among the other subjects listed in this core curriculum

FOREIGN LANGUAGE ..... 2 Units  
Two units in the same language

COMPUTER SCIENCE, COMPUTER LITERACY OR BUSINESS COMPUTER APPLICATIONS ..... 1/2 Unit

Or substitute at least one-half unit of an elective course related to computers approved by the State or one-half unit as an elective from among the other subjects listed in this core curriculum

**Beginning with the graduating class of 2008 and thereafter,** an additional unit of advanced math or advanced science, for a total of 17.5 units, will be required. The additional unit must be from among the following: Geometry, Calculus, Pre-Calculus, Algebra III, Probability and Statistics, Discrete Mathematics, Applied Mathematics III, Advanced Mathematics I, Advanced Mathematics II, Integrated Mathematics III, Biology II, Chemistry II, Physics, or Physics II.....1 Unit

TOTAL ..... 17.5 Units

**NOTE:** Students are required to have a minimum \*3.5 cumulative GPA after seven semesters to qualify for the Certificate of Recognition.

## Louisiana Public University Minimum Admissions Criteria (Effective Fall 2005)

Note: The requirements listed below are the Board of Regents minimum requirements. Some institutions have adopted or may choose to adopt additional requirements. Please check with the specific institution(s) for additional admissions requirements.

**Look!** All four-year public universities **And** Completion of Regents' high school core curriculum

LSU-Shreveport  
McNeese State University  
Nicholls State University  
Northwestern State University  
Southeastern Louisiana University  
University of Louisiana-Monroe  
Southern Univ. A&M (effective Spring 2006)  
LSU-Alexandria (effective Fall 2007)  
Grambling University (effective Fall 2007)  
Southern University-N.O. (effective Fall 2010)

- High School GPA of 2.0 or greater **OR**
- ACT composite score of 20 or greater **OR**
- High school graduation rank top 50% of class **AND**
- Require no more than one remedial course

Louisiana Tech University  
University of Louisiana-Lafayette  
University of New Orleans

- High School GPA of 2.5\* or greater **OR**
- ACT composite score of 23 or greater **OR**
- High school graduation rank top 25% of class **AND**
- Require no more than one remedial course

LSU and A&M College\*

- High School GPA of 3.0\* or greater **OR**
- ACT composite score of 25 or greater **OR**
- High school graduation rank top 10% of class **AND**
- Require no coursework

\* These are the minimum Board of Regents requirements for LSU A&M. For actual requirements, go to LSU A&M's undergraduate admissions web page: [http://app1003.lsu.edu/slas/UGAdmissions.nsf/\\$Content/Admission+Requirements#Freshman](http://app1003.lsu.edu/slas/UGAdmissions.nsf/$Content/Admission+Requirements#Freshman), or call the LSU Admissions Office.

### These two-year institutions will remain open admissions:

Baton Rouge Community College  
Bossier Parish Community College  
Delgado Community College  
Delta Community College  
L.E. Fletcher Technical Community College  
LSU-Eunice  
Nunez Community College  
River Parishes Community College  
South Louisiana Community College  
Southern University-Shreveport  
SOWELA Technical Community College  
Louisiana Technical College

- Diploma from a BESE-approved high school **OR**
- GED or its equivalent **OR**
- Appropriate score on an Ability to Benefit test

Admissions Exceptions - 15% of entering class for each institution (in accordance with 1994 Desegregation Settlement Agreement stipulations)  
\*Student with less than 2.0 GPA will not be admitted.

[www.regents.state.la.us](http://www.regents.state.la.us)

## ARE YOU READY?

### Academic Planning Self Assessment

| YES | NO  |   |
|-----|-----|---|
| ___ | ___ | 1. Have I identified my abilities and interests?  |
| ___ | ___ | 2. Am I taking academic courses that I enjoy?   |
| ___ | ___ | 3. Am I taking elective courses that are in my area of interest?  |
| ___ | ___ | 4. Do I realize that my work ethic and course selections now directly relate to my future academic/career plans?  |
| ___ | ___ | 5. Have I set academic and personal goals for myself this year?   |
| ___ | ___ | 6. Have I researched possible career choices that interest me?  |
| ___ | ___ | 7. Do I know what post-secondary education or training is required for my career choices?   |
| ___ | ___ | 8. Have I talked to my career counselor about career options?   |
| ___ | ___ | 9. Do I have a plan for what I will do after high school (college, technical school, military, etc.)?   |
| ___ | ___ | 10. Am I on track to graduate and taking the courses needed to fulfill admission requirements for post-secondary plans (college, technical school, etc.)? |

\_\_\_\_\_ MY SCORE

**(GIVE YOURSELF ONE POINT FOR EACH "YES")**

10 points. . . . . Super Ready for college/career!  
6 points. . . . . Getting Ready  
3 points. . . . . Need to start planning  
Less than 3 points. . . . . Make appointment to see your counselor **ASAP**



## NCAA Athletic Requirements

If you're first entering a Division I or II college or university after high school graduation, your NCAA initial eligibility will be evaluated using core-course standards listed below. Students first entering a Division I collegiate institution on or after August 1, 2008, must meet the 16 core-course rule.

A graduate from high school must have successfully completed the core courses as listed below and have a core-course grade-point average (based on a 4.000 scale) and a combined score on the SAT or a sum score on the ACT based on the new core GPA/test score index. (See Counselor for index).

### Division I 2008 and after

#### 16 Core Courses:

- 4 years of English
- 3 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered by high school)
- 1 year of additional English, mathematics, or natural/physical science
- 2 years of social science
- 4 years of additional courses (from any area above, foreign language or non-doctrinal religion)

### Division II

#### 14 Core Courses:

- 3 years of English
- 2 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered by high school)
- 2 years of additional English, mathematics, or natural/physical science
- 2 years of social science
- 3 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy)
- students are encouraged to register during the junior year
- courses taken at the junior high do not count toward eligibility
- must register online

## Homerooms

- A. A student will generally remain in the same homeroom section for his four years. (Exception: A student that does not meet the promotion standards from one class to the next will be rescheduled into his correct grade level.) Incoming freshmen will be placed with a Teacher/ Advisor (Homeroom) by computer scheduling.
- B. Grade Classification: Grade and homeroom classification is determined by the number of units earned by the beginning of a school year. The classification is not changed during a school year unless an error is made in the original classification.

### GRADE CLASSIFICATION

| Grade Levels | Units    |
|--------------|----------|
| 9th          | 0 - 5    |
| 10th         | 5½ - 11  |
| 11th         | 11½ - 17 |
| 12th         | 17½ +    |

## Tuition Opportunity Program for Students (TOPS)

TOPS is a comprehensive program of state scholarships consisting of four components--Opportunity Award, Performance Award, Honors Award, and Tech Award. GPA computed on core courses only.

### Opportunity Award

Core GPA - 2.50  
Core Units - 17.5  
ACT - 20

### Performance Award

Core GPA - 3.00  
Core Units - 17.5  
ACT - 23

### Honors Award

Core GPA - 3.00  
Core Units - 17.5  
ACT - 27

### Tech Award

(Vocational and Technical)  
Core GPA - 2.50  
Option 1: 17 units  
Option 2: 19 units  
ACT - 17

## TOPS Core Curriculum

### Credits

- 4 English (I, II, III, and IV)
- 1 Algebra I or Algebra IA and IB
- 1 Algebra II
- 1 Geometry, Trigonometry, Calculus or comparable advanced math
- 1 Biology I
- 1 Chemistry
- 1 Earth Science, Environmental Science, Physics, Physical Science, Biology II, or Physics for Technology. Beginning with the graduating class of 2008 and thereafter, **Agriscience I and Agriscience II (two units) may be substituted for one unit required from among the science courses.**
- 1 American History
- 1 World History, Western Civ., or World Geography
- 1 Civics and Free Enterprise
- 1 Fine Arts (or substitute two units of performance courses in music, dance and/or theatre; or two units of visual art; or substitute two units of studio art; or substitute one unit of an elective from among the other subjects listed in this core curriculum)
- 2 Foreign Language (same language)
- ½ Computer Science, Computer Literacy or Business Computer Applications (or substitute at least ½ unit as an elective from among the other subjects listed in this core curriculum)
- 1 Beginning with the graduating class of 2008 and thereafter, an additional unit of advanced math or advanced science, for a total of **17.5** units, will be required. The additional unit must be from among the following: Geometry, Calculus, Pre-Calculus, Algebra III, Probability and Statistics, Discrete Mathematics, Applied Mathematics III, Advanced Mathematics I, Advanced Mathematics II, Integrated Mathematics III, Biology II, Chemistry II, Physics, or Physics II.

### TOPS TECH Core Curricula

### Credits

- 3 English (I, II, III)
- 1 English IV or Business English
- 1 Algebra I or Algebra IA and IB
- 2 Geometry, Algebra II, Financial Math, Advanced Math
- 1 Biology I
- 1 Chemistry or Applied Chemistry
- 1 Earth Science, Environmental Science, Physical Science, Biology II, Chemistry II, Physics, Physics for Technology
- 1 American History
- 1 World History, Western Civ., or World Geography
- 1 Civics and Free Enterprise

Remaining courses must be selected from one of the two following options:

#### Option 1

- 1 Fine Arts Survey (or substitute 2 units of performance courses in music, dance or theater; or 2 units of visual art; or substitute 2 units of studio art; or a career/technical studies course approved by BESE; or substitute 1 unit of an elective from among the other subjects listed in this core curriculum)
- 2 Foreign Language, Technical Writing, Speech I, or Speech II
- 1 Computer education program of studies approved by BESE
- 17 Total Core Curriculum credits

#### Option 2

- 4 Of a career major comprised of a sequence of related specialty courses and approved for the school by BESE
- 1 Related or technical fields course
- 1 Basic computer course
- 19 Total Core Curriculum credits

### Eligibility requirements for all programs:

- The student must be a U.S. citizen or eligible noncitizen
- Parent/guardian must be a domiciliary of Louisiana
- No criminal conviction (excludes misdemeanor traffic violations)
- Registered with Selective Service (if required)
- Reside in Louisiana during the 24 months preceding college/university enrollment
- You must apply for all TOPS awards by submitting the Free Application for Federal Student Aid (FAFSA)



## Louisiana Graduation Exit Exam

The State Board of Elementary and Secondary Education (SBESE) Graduation Exit Examination Policy states:

In addition to completing a minimum of 23 Carnegie units of credit the student shall also be required to pass the Graduate Exit Exam (GEE).

The English language arts and mathematics components of the GEE 21 shall first be administered to students in the 10th grade.

The science and social studies components shall be administered to students in the 11th grade.

Remediation and retake opportunities will be provided for students who do not pass the test.

All city and parish school systems shall notify each student and parents or guardians of the requirement of passing the GEE 21 prior to or upon the student entering the 10th grade.

Students transferring to any high school of a city or parish school system shall be notified by that system of the requirement of passing the GEE 21 upon entering that school system.

## Advanced Study

**Dual Enrollment.** Through an agreement between RHS and Louisiana Tech, RHS students may receive dual credit for selected courses (designated by a "D"). To be eligible, a student must have a GPA of 3.00 or better on all courses, and a preferred ACT score of 18 or SAT 1020 (there may be some additional course specific requirements). Students must submit an application for admission to the university along with a high school transcript and official ACT/SAT scores. The cost is determined by the university and is due as soon as the course begins.

**Advanced Placement.** The Advanced Placement (AP) courses, sponsored by the College Board, allows students the opportunity to earn college credit in addition to high school credit. An AP course is a special college-level learning experience. It is challenging, stimulating, requires more work, gives greater opportunity for progress, and goes into greater depth than other high school courses.

At the conclusion of the course, the student is required to take a 3-hour College Board AP exam, for a fee of approximately \$86. Exams, which include multiple choice and essay sections, are given at school during a designated testing period in May. Grading on a scale of 1 - 5 is done by the College Board. Scores that qualify for college credit are determined by the college. Advanced Placement will be noted on transcripts of students who take the AP exam. Ruston High presently offers the following advanced placement courses: European History, American History, English Literature, English Language/Composition, Calculus, and Government.



## Louisiana High School Diploma Endorsements

| Standard Diploma | Career/Technical Endorsement | Academic Endorsement |
|------------------|------------------------------|----------------------|
|------------------|------------------------------|----------------------|

### Core Courses

|  |  |  |   |
|--|--|--|---|
| 4 Units of English<br>3 Units of Math<br>3 Units of Science<br>3 Units of Social Studies<br>½ Unit Health<br>1 ½ Unit P.E.<br>1 Unit of Computer Elective<br>7 Optional Electives<br>*Career Options Law | <b>TOPS</b><br>4 Units English<br>3 Units Math<br>3 Units Science<br>3 Units Social Studies<br>½ Unit Health<br>1 ½ Unit P.E.<br>1 Unit Fine Arts<br>2 Units Foreign Language<br>1 Unit Computer<br>4 Optional Electives | <b>TOPS Tech</b><br>4 Units English<br>3 Units Math<br>3 Units Science<br>3 Units Social Studies<br>½ Unit Health<br>1 ½ Unit P.E.<br>Option 1<br>Or<br>Option 2 | <b>+1 Core Course</b><br>4 Units English<br>3 Units Math<br>3 Units Science<br>3 Units Social Studies<br>1 additional unit Math, Science or Social Studies<br>½ Unit Health<br>1 ½ Unit P.E.<br>1 Unit Fine Arts<br>2 Units Foreign Language<br>1 Unit Computer Elective<br>3 Optional Elective |
|--|--|--|---|

### Concentration

#### \*Career Options Law

Beginning in 1998-99 school year, by the end of the eighth grade, each student shall develop, with the input of his/her family, a Five-Year Educational Plan. Such a plan shall include a sequence of courses, which are consistent with the student's stated goals for one year after graduation.

The course requirements for the career major shall consist of the following: at least 6 or more credits consisting of 4 credits in an area of concentration and 2 related credits, including 1 credit in a computer technology course; courses will be selected to prepare a student for postsecondary education and/or a career.

|  |  |  |
|--|--|--|
| Student <b>must complete</b> an area of concentration developed locally by a district Curriculum-Design Team and approved by BESE. | Student <b>must complete</b> an area of concentration developed locally by a district Curriculum-Design Team and approved by BESE. | Student <b>must complete</b> an area of concentration developed locally by a district Curriculum-Design Team and approved by BESE. |
|--|--|--|

### GEE 21

|  |   |  |
|--|---|--|
| Pass English and Math components plus pass either Science or Social Studies component. | Pass all four components with a score of <b>Approaching Basic</b> | Pass all four components with a score of <b>Basic</b> or above or one of the following combinations with the English Language Arts score at <b>Basic</b> or above:<br>1) Approaching Basic, 1 Mastery or Advanced, Basic or above in the remaining two<br>2) Approaching Basic, 2 Mastery or above |
|--|---|--|

### GPA/ACT

|                 |   |                                  |
|-----------------|---|----------------------------------|
| No ACT required | TOPS Opportunity/TOPS Tech GPA & ACT Requirements | TOPS Opportunity GPA & ACT of 23 |
|-----------------|---|----------------------------------|

### Other Performance Indicators

|      |   |  |
|------|---|--|
| None | BESE-approved industry-based certification; or 3 Carnegie credits in a Career Technical area that articulate to a postsecondary institution, either by actually obtaining the credits and/or being waived from having to take such hours; <b>AND</b> a minimum of 90 work hours of work-based learning experience | Senior Project <b>OR</b> 1 Carnegie unit in an AP course with a score of 3 or higher on the AP exam <b>OR</b> 3 college hours of non-remedial, articulated credit in core area (Math, Social Studies, Science, Foreign Language, or English Language Arts) |
|------|---|--|



## Your Future Starts Now

### Career Options Law

A primary goal for education in Louisiana is to provide our students with opportunities to develop skills that will send them into the 21<sup>st</sup> century well prepared to meet the demands of a global economy.

Louisiana lawmakers recognized that students must have a comprehensive plan to address educational preparedness. As a result, Act 1124 (1997), the Career Options Law, was signed by the governor of Louisiana. This law requires:

- completion of 6 career awareness activities per year by all 6<sup>th</sup> - 8<sup>th</sup> grade students
- completion of a five year educational plan by all high school students
- career majors established for high school students
- evaluation of the career majors program on an annual basis

### Benefits of Career Options Law

To Students:

- provides written documents of educational and career development plans
- fosters responsibility and personal accountability
- promotes the relevance of academic course work to careers
- increases students' sense of accomplishment

To Parents:

- involves parents in ongoing educational and career planning
- provides a tool for parents to stay abreast of students' progress in attaining career and academic competencies

To the School:

- provides a vehicle for accountability and offers the opportunity for integration of curriculum
- establishes a consistent planning approach for all students
- aligns school with national models of excellence

To the Community:

- helps prepare students for the workforce
- addresses the need for positive work attitudes

## Louisiana Career Clusters and Career Majors

Listed below are the approved Louisiana Career Clusters and Career Majors available at RHS:

### Agriculture, Food and Natural Resources

Agriculture Production  
Agriculture Management  
Animal Science  
Forestry and Conservation  
Horticulture

### Arts, A/V Technology, and Communication

Commercial Arts  
Graphic Arts  
Instrumental Music  
Interiors and Furnishings  
Journalism  
Liberal Arts  
Mass Communications  
Performing Arts  
Photography  
Printing Technology  
Television Production  
Upholstery  
Visual Arts

### Business, Management and Administration

Administrative Support  
Business Administration

### Education and Training

College Prep  
Education

### Government and Public Administration

JROTC  
Law and Order

### Health Science

Allied Health  
Dental  
Nursing  
Nutrition and Food  
Sports Medicine  
Pre-Medical

### Hospitality and Tourism

Culinary Arts  
Tourism and Lodging

### Human Services

Child Development Services  
Cosmetology  
Management of Family Resources  
Nutrition and Food  
Social Services

### Clothing and Textiles

Entrepreneurship  
Marketing and Sales Management

### Information Technology

Information Systems

## Career Major Requirements:

- 4 English credits
- 3 Math credits
- 3 Science credits
- 3 Social Studies credits
- 4 Career related courses
- 1 basic computer course
- 1 related technical course

Once students have chosen a Career Cluster they can investigate a wide range of career choices and select a Career Major which falls under that Cluster.

Career Majors allow for specific sequences of courses that will prepare a student for a first job or further education/training in that field.



## Schedule Change Policy

Procedure for changing schedules:

- Student must sign-in at the guidance office requesting a meeting with a counselor
- The counselor will call the student from class for a meeting to discuss the schedule change
- The student will continue to meet the assigned schedule until called by the counselor
- All changes must be made within five (5) days after the first full day of the new school year.
- Seniors have until the end of the first three weeks of a course to drop that course without penalty. Seniors who drop after this time will receive an "F" in that course.
- Parent permission is required for schedule changes.

Schedule changes will not be made except under the following circumstances:

- To correct errors
- To make adjustments for graduation purposes
- To avoid taking a class previously passed
- To accommodate extenuating circumstance
- To satisfy course prerequisites
- To meet verifiable health reasons



## Ruston High School Uniform Grading System

- A. Grade Reporting: All grading will be reflected by letter grades on the student's report card as follows:
- Uniform Grading Scale: The following uniform grading scale will be utilized by all teachers at Ruston High School for the purpose of assigning letter grades for grade reporting (1) 94-100 = A; (2) 86-93 = B; (3) 76-85 = C; (4) 67-75 = D; (5) 66-0 = F
- Honors, Dual, and AP classes use a 10 - point grading scale:  
90-100 = A; 80-89 = B; 70-79 = C; 60-69 = D; 59-0 = F
- Nine Weeks Grade: Grades will be issued at the end of each nine weeks period.
- B. Criteria for honor graduates:
- Minimum of 17 honors' credits
  - Minimum GPA of 4.00 - Highest honor graduate (graduation speakers)  
3.50 - Honor graduate

## Explanation of Levels

The criteria for student placement course selection should be:

Level "D" – Dual Credit (College and high school honors credit)

- √ Must meet Louisiana Grade Level Expectations (GLE and course requirements set up by Louisiana Tech University and/or Grambling
- √ GPA of 3.00 or better
- √ ACT of 18 or Plan score of 18
- √ Submit application to university
- √ Cost is determined by university and may vary from year to year
- √ **Summer assignments are required since Honors credit will be granted**
- √ **Summer assignments must be completed and submitted by deadline date**

Level "AP" – Advanced Placement (High school honors credit)

- √ Must meet Louisiana Grade Level Expectations (GLE) and course requirements set up by *TheCollegeBoard*
- √ Opportunity to earn college credit
- √ GPA of 3.00 or better
- √ **Required** to take *TheCollegeBoard* exam
- √ Cost is approximately \$86
- √ **Summer assignments are required since Honors credit will be granted**
- √ **Summer assignments must be completed and submitted by deadline date**

Level "H" – Honors

- √ Must meet Louisiana Grade Level Expectations (GLE)
- √ Taught at a fast pace
- √ Additional extra-curricular activities will be required
- √ **Summer assignments are required since Honors credit will be granted**
- √ **Summer assignments must be completed and submitted by deadline date**

Level "CP" – College Prep

- √ Must meet Louisiana Grade Level Expectations (GLE)
- √ Some extra-curricula activities may be required

Level "S" – Standard

- √ Must meet Louisiana Grade Level Expectations (GLE)
- √ Taught at a slower pace
- √ Not recommended for college bound students

\*\*\*If a student changes levels at any point throughout the year, the lower level credit will be granted for the entire year.

## Specific Course Information

### A. FOREIGN LANGUAGE

It is highly recommended that students have at least a C plus average in both math and English before beginning the study of a foreign language.

Teacher recommendation for Honors level math or English is required for Honors level foreign language courses; Honors level is for the academically talented, self-motivated student. College bound students should take at least two years of the same language; two years of the same language are recommended by the Louisiana Board of Regents for the college preparatory program. Students planning to pursue three years should be capable of Honors level work and should begin studying their freshman year to allow for possible scheduling conflicts for French III or Spanish III. Honors level courses are designed to enable students to pass college credit exams in the comparable college course.

### B. PHYSICAL EDUCATION (PE)

- If a student is to be medically exempted from PE, it is the parent and/or student's responsibility to provide the school with a statement signed by a medical doctor indicating the inclusive period for which the student is excused. The minimum number of units of credit required for graduation shall remain as indicated.
- All students are required to complete one and one-half units of active PE. One-half unit of Health Education is also required.
- A student may schedule only ONE period of PE unless more are needed to meet the physical education graduation requirements.

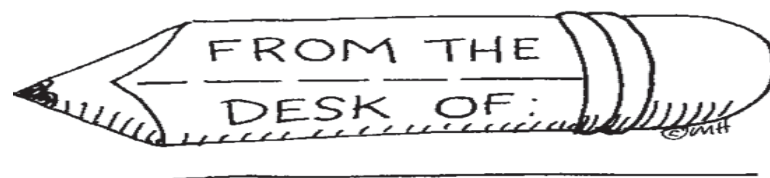
## Format Of Course Descriptions

The descriptions of course offerings at Ruston High School have been prepared to list the content, requirements, time, credit, and prerequisites for the curricular program.

The format is designed to match that of the registration sheet which is to be used by the counselor, teacher, students and parents in setting the student's course of study.

The information included in this brochure is as follows:

- Course Title--(e.g., English I) gives the formal course title.
- Level--The terms honors, college prep, and standard indicate the academic level at which the course is taught. Students are placed in honors, college prep, or standard levels based on the following criteria: 1) previous teacher recommendations, 2) standardized test scores, and 3) academic standing. Not all courses are leveled.
- Placement--Permission to enroll in the course requires the consent of the counselor and/or teacher.
- Length of course-- designates the duration of the course.
- Credit--(e.g., 1/2, 1, 2, 3) designates the number of credit units which are granted to the student upon successful completion of the course.
- Prerequisites--(e.g., English I is a prerequisite of English II) indicates what course or courses must be taken and successfully completed prior to enrolling in a given course. It would also indicate any other preconditions for enrolling in a course.



# Freshman Academy

## Mission

The mission of the Ruston High School Freshman Academy is to provide each student a structured, nurturing academic environment for successful transition from middle school to high school.

## Goals

- \* To emphasize academic excellence
- \* To provide interventions to increase ninth grade success and a successful transition from middle school to high school
- \* To encourage school involvement
- \* To emphasize personal and social responsibility
- \* To improve attendance
- \* To increase the graduation rates
- \* To decrease the ninth grade failure rate

## Location

The Freshman Academy is located on the third floor of Ruston High School. Academy administrators are located in Room 306.

## Academy Structure

- \* Only those students who are first time freshmen are accepted into the academy.
- \* Each incoming freshman is placed on a team that consists of four core teachers.
- \* These four teachers:
  - o Personalize the education of the freshmen assigned to their team.
  - o Create a “family” atmosphere to help in the transition from middle school to high school

## High School Graduation Requirements For incoming freshmen in 2009-2010

### LA Core 4 Curriculum

|   |                |
|---|----------------|
| ENGLISH .....   | 4 units        |
| - English I, II, III, and IV  |                |
| MATHEMATICS .....   | 4 units        |
| - Algebra I or Algebra I-Pt. 2  |                |
| - Geometry  |                |
| - Algebra II  |                |
| - Remaining unit shall come from the following:<br>Financial Math, Math Essentials, Advanced Math—Pre-Calculus, Advanced Math—Functions and Statistics, Pre-Calculus, Calculus, Probability and Statistics, Discrete Math, or a locally-initiated elective approved by BESE as a math substitute  |                |
| SCIENCE.....  | 4 units        |
| - Biology   |                |
| - Chemistry   |                |
| - 2 units from 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 locally-initiated elective approved by BESE as a science substitute.* |                |
| SOCIAL STUDIES .....  | 4 units        |
| - ½ unit of Civics or AP American Government  |                |
| - ½ unit of Free Enterprise   |                |
| - American History  |                |
| - 1 unit from the following: World History, World Geography, Western Civilization, or AP European History   |                |
| - 1 unit from World History, World Geography, Western Civilization, AP European History, Civics (second semester – ½ credit), Law Studies, Psychology, Sociology, or African American Studies*  |                |
| HEALTH EDUCATION .....  | ½ unit         |
| PHYSICAL EDUCATION .....  | 1½ units       |
| FOREIGN LANGUAGE .....  | 2 units        |
| - 2 units from the same foreign language or 2 units of speech   |                |
| ARTS .....  | 1 units        |
| - Fine Arts Survey or one unit of Art, Dance, Music, or Theatre*  |                |
| *Approved IBC-related course may be substituted.  |                |
| Electives .....   | <u>3 units</u> |
| Total .....   | 24 units       |

## Freshman Course Selection

### Required Core Courses:

- \* English I (College Prep, Honors, or Standard)
- \* Math (Algebra I - Part 1), Algebra I (College Prep or Honors) or Geometry (Honors\*)
- \* Physical Science (College Prep, Honors, or Standard)
- \* World Geography (College Prep, Honors, or Standard)

### Required Elective Courses:

- \* Fall Semester: Freshman Success (½ year)
- \* Spring Semester: Health or Introduction to Business Computer Applications (IBCA)

### Elective Courses::

|   |         |
|---|---------|
| Aerospace Science (AFJROTC)<br>(JROTC will substitute for PE) ..... | Page 9  |
| Agriscience I .....   | Page 10 |
| Education for Careers .....   | Page 12 |
| Principles of Business .....  | Page 12 |
| Introduction to Business<br>Computer Applications .....             | Page 12 |
| Family and Consumer Science I .....                                 | Page 14 |
| Art I .....   | Page 14 |
| Fine Arts Survey (Honors) .....                                     | Page 14 |
| Beginning Band .....  | Page 15 |
| Applied Music (Beginning Choir) .....                               | Page 15 |
| Advanced Chorus (Performance Choir) .                               | Page 15 |
| Speech I .....  | Page 19 |
| Speech II – Drama .....   | Page 19 |
| Forensics (Debate) (Must tryout).....                               | Page 19 |
| Physical Education .....  | Page 22 |
| African-American Studies .....                                      | Page 27 |
| Louisiana History .....   | Page 27 |

## Freshman Success Course Description

Freshman Success is a half year elective for first time freshman students. The course is taught during the first semester of the freshman year. The course is designed to ease the transition into high school for the incoming freshman. Students cover the following topics: High School Orientation, Study Skills, Time Management, Library and Technology Skills, Social Skills and Character Education, Diversity and Conflict Resolution along with spending one full nine weeks completing the Career Choices program. Career Choices is a comprehensive guidance program designed to address career and life planning topics of concern to young people.



# Aerospace Science

Mission-Create better citizens for the United States, the state of Louisiana, and the city of Ruston.

Objectives-encourage students to reach their highest academic potential, teach respect, for each other and all authority figures, develop the highest since of integrity, represent Ruston High School, and set the example for all to follow.

AJS-I, AS-II, AS-III, and AS-IV are elective credits.

General-Uniforms and textbooks are provided free of charge. The uniform is worn once weekly and certain grooming and behavioral standards must be maintained to successfully complete any level. Supervised activities include competition and trips to various campuses and cities, rocketry club, social functions, and numerous community service activities.

Successful completion of 3 years of AFJROTC entitles students to a Certificate of Completion which can be used to further appointments to military academies, ROTC scholarships at universities, and promotion upon enlistment into any military branch.

**There are no obligations to future military service attached to this program.**

## AS-1

Prerequisite: ..... None  
Grade Level: ..... 9<sup>th</sup>-12<sup>th</sup>  
Length of course: ..... 1 year  
Units or credits: ..... 1

The focus of this class is team building and leadership, taught through instruction in basic drill (marching) maneuvers. Classroom instruction in Air Force traditions, customs and courtesies, and the proper wear and care of the uniform, as well respect for the flag are taught.

## AS-2

Prerequisite: ..... Satisfactory completion of AS-1  
Length of course: ..... 1 year  
Units or credits: ..... 1

Classroom instruction includes health curriculum and basic leadership philosophy and techniques. Further marching instruction allows students to refine skills learned in AS-1.

## AS-3

Prerequisite: ..... Satisfactory completion of AS-2 or instructor approval  
Length of course: ..... 1 year  
Units or credits: ..... 1

The academic instruction centers on "Leadership Principles of Attila the Hun" dealing with leadership philosophy and development of leadership skills. Students are assigned responsibilities to compliment their interests and abilities to refine their leadership education.

## AS-4

Prerequisite: ..... Satisfactory completion of AS-3 or instructor approval  
Length of course: ..... 1 year  
Units or credits: ..... 1

Continues the leadership education begun in AS-3 and encourages students to take an active role in teaching younger students and running the activities of all cadets.

# Agriscience Education

**Our Mission:** To make a positive difference in the lives of students by developing their potential for premier leadership, personal growth, and career success through agriscience education.

Agriscience Education/FFA is not just about agriculture anymore. Did you know that 1 out of every 5 jobs in the United States is in the field of agriculture? In our program we develop students' leadership skills, strive for personal growth, and educate students for career success.



According to a recent Purdue University study, Agriscience/FFA students are much more prepared and successful in their post-high-school experiences, whether that be at a university, technical school, or in the work force. Our program strives to develop students into confident leaders and workers who take pride in everything that they do.

Students have the opportunity to learn forestry, woodworking, welding, small engines, floriculture, horticulture, plant and animal science, business management, public speaking, parliamentary procedure, and leadership skills. With such a well-rounded program, students have the opportunity to excel in an area of interest through Career Development Events, which are competition among other schools in the state and nation. Students also have the opportunity to become a chapter officer and participate in a variety of community service projects and social events.

**A \$25 lab fee will be charged to students who are enrolled in one Ag class. Each additional Ag class scheduled will require an additional \$7 fee.**

## Agriscience I

Prerequisite: ..... None  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course, open to all students, is the first of a sequential four-year program that offers students training and career exploration in a wide range of agriculture-related occupational areas.

Agriscience I includes an introduction to agriculture, forestry, animal science, plant/soil science, agri-shop (woodworking, small engines, electrical wiring, light metals), as well as leadership development, training, and competitive judging through the FFA student organization.

The class is designed for students who enjoy a variety of interests and have the ability to work independently, as well as part of a team. An organization and/or lab fee is required. Students can get a TOPS credit in science by completing Agriscience I & II.

## Agriscience II

Prerequisite: ..... Agriscience I  
Length of course: ..... 1 year  
Units or credits: ..... 1

Agriscience II includes leadership training, woodworking, welding, small engines, plant and soil science (horticulture), and a Hunter Education Certification. Students should take this class as a sophomore. This class counts as a science credit for TOPS.



# Agriscience Education

## Agriscience III

Prerequisite: ..... Agriscience II

Length of course: ..... 1 year

Units or credits: ..... 1

Agriscience III includes advanced woodworking and welding projects, small engine troubleshooting, personal and leadership development, business management skills, and career development events. Students should take this course as a junior or senior.

## Agriscience III LAB

Prerequisite: ..... Completed or be enrolled simultaneously in Agriscience III

Length of course: ..... 1 year

Units or credits: ..... 1

This course provides opportunities for the student to utilize skills learned in a hands-on laboratory environment. The student will work under the direction and guidance of the Agriscience instructor to gain practical hands-on experience in any and all areas of Agriscience. This will enhance the coursework of the student's career cluster choice, supervised agricultural experience program, or school-based enterprise. Emphasis will be placed upon safety and the development of work ethics along with attainment of proficiency in all areas. Mathematical, critical-thinking, problem-solving, and resource access utilization skills are reinforced in this course. Supervised agricultural experience programs and the FFA leadership activities are integral components of the course and provide application of instructional competencies.

## Canine Care and Training

Prerequisite: ..... Agriscience I or Junior/Senior with counselor

Length of course: ..... 1/2 year

Units or credits: ..... 1/2

This course is designed to teach students basic canine care and training. The course will be aligned with a student's career path in the cluster of Agriculture, Food and Natural Resources. Topics for study include orientation to the Agriscience industry in Louisiana and the FFA student organization, canine growth and development with emphasis on the history of domestication of canines, anatomy, proper socialization, nutrition, breed classification, proper grooming, routine health maintenance, an introduction to handling using positive reinforcement, and careers related to the canine industry. Scientific, mathematical, economic, technical, and ethical principles are reinforced in this course, as are communication and critical thinking. Work-based learning strategies appropriate for this course include internships, field trips, and activities in the school lab facility. Supervised Agricultural Experience (SAE) programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Upon completion of requirements under the direction of a certified instructor, students may receive an industry-based certification with the Continental Kennel Club Canine Care and Training Program (CCTP) Level One.

## Construction Technology (ABC Carpentry and Electricity)

Prerequisite: ..... Agriscience 2 or Junior/Senior with counselor

Length of course: ..... 1/2 year or 1 year

Units or credits: ..... 1/2 or 1

This course provides students with the basic skills needed in the construction of buildings commonly used in agricultural occupations. Emphasis is placed on skill development in blueprint reading, carpentry, plumbing, concrete work, and electrical wiring. Mathematical and communication skills are reinforced in this course. Work-based learning strategies appropriate for this course are team projects, school-based enterprises, home-based enterprises, internship, job shadowing, and cooperative education. Supervised agricultural experience programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional

## Cooperative Agriscience Education (CAE)

Prerequisite: ..... Agriscience 3 (or enrolled simultaneously)

Length of course: ..... 1 year

Units or credits: ..... 1, 2, or 3

This course provides opportunities for students to utilize learned skills in a work-based learning application. Students will enter into a cooperative agreement to obtain on-the-job training experience in one of the Agriscience career clusters. Emphasis will be placed upon work ethic and skill development within the career cluster area. Communication and critical-thinking skills will also be reinforced in this course. This course is a work-based learning course. Supervised agricultural

experience programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

## Leadership Development

Prerequisite: ..... Agriscience I or Junior/Senior with counselor

Length of course: ..... 1/2 or 1 year

Units or credits: ..... 1/2 or 1

This course will prepare individuals for agricultural careers, build awareness, and develop leadership for the food, fiber, and natural resources systems. The emphasis is on human relations, decision-making, promoting healthy lifestyles, maintaining a positive attitude, cooperative small and large group activities, and proper utilization of human resources. English, speaking skills, higher order thinking, and basic communication skills will be reinforced in this course. Work-based learning strategies appropriate for this course are service learning and field trips. Supervised agricultural experience (SAE) programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

## Animal Science

Prerequisite: ..... Agriscience I or Junior/Senior with counselor

Length of course: ..... 1/2 year

Units or credits: ..... 1/2

This course introduces students to the general concepts and principles related to animal production and associated processes, industries, and occupations. It is designed as a culminating course of the animal industry following introductory animal science in Agriscience I. Emphasis is placed on career opportunities, selection of livestock, breeding practices, animal nutrition, and health and management. Critical thinking and reasoning, and oral and written communication skills are reinforced in this course. Work-based learning strategies appropriate for this course are field trips, job shadowing, school-based enterprises, and cooperative education. Supervised agricultural experience (SAE) programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

## Equine Science

Prerequisite: ..... Agriscience I or Junior/Senior with counselor

Length of course: ..... 1/2 or 1 year

Units or credits: ..... 1/2 or 1

This course is designed to help students learn specific concepts and principles about the science of horses and how these concepts and principles relate to horse management. This course will help the students to learn about careers related to horse management and help them determine their interest in such careers. Emphasis is on horse management, care, performance training, and career opportunities in equine science. Topics of study include the selection of foundation stock, anatomy, nutrition, exercise physiology, diseases, reproduction, and genetics of horses. Observation skills, critical analysis, mathematics, science, physiology, and nutrition are reinforced in this course. Work-based learning strategies appropriate for this course are skills managing a personal horse, on-the-job training at stables, veterinarian internships, rodeo participation, and other horse related activities. Supervised agricultural experience programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

## Floristry

Prerequisite: ..... Agriscience I or Junior/Senior with counselor

Length of course: ..... 1 year

Units or credits: ..... 1

This course provides students with knowledge of the cut flower and ornamental horticulture industry, and applications of skills involved with this industry. The course will include identification of plant materials associated with flower arranging and interior plantscapes. Also included will be care and maintenance, processing of, disease and insect identification of plant materials used, and careers in the industry. Laws governing the cut flower industry will be addressed and skills taught will be correlated with qualifications for taking the Florist's licensing exam. Work based learning strategies appropriate for this course are school based enterprises, field-trips, application of florist skills such as wiring, making bows, processing cut flowers, placing and taking orders, arranging, and human relation skills. Supervised agricultural experience (SAE) programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. The teacher is responsible for developing the local option content outline and learning structure with a community advisory committee. The local school administration must approve local option content and learning structure before implementing.



# Agriscience Education

## Forestry (Dual Enrollment course with Louisiana Technical College)

Prerequisite: ..... Agriscience I or Junior/Senior with counselor

Length of course: ..... 1/2 or 1 year

Units or credits: ..... 1/2 or 1

This course focuses on utilization of the forests for multiple purposes through study of maintaining and managing the forests, measuring, protecting, harvesting, and the processing of products. Effective employability skills will be stressed throughout the course and will include work ethics, dependability working with other employees, and satisfying job requirements. Emphasis is on introduction to forestry, forest ecology and wildlife habitat, tree study, land measurement and product measurement, silvicultural practices, reforestation, harvesting forest products, fire in the forest, insect and other destructive agents, job seeking skills, forestry products, and paper and pulp products. Skills in biology, chemistry, and algebra are reinforced in this course. Work-based learning strategies appropriate for this course are internships and supervised agricultural experience. Supervised agricultural experience programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

## Landscape Design, Construction, and Maintenance

Prerequisite: ..... Agriscience I or Junior/Senior with counselor

Length of course: ..... 1 year

Units or credits: ..... 1

This course is designed to provide Agricultural Education students an overview of the landscape industry. The student has the opportunity to explore various skills used in the landscape industry and gain experiences and knowledge that prepare the student to obtain a state license as a landscape contractor. Emphasis will be placed on developing skills used in landscape plant design, installations, basic landscape construction, and the care and management of established beds. Work-based learning strategies appropriate for this course include field trips, job shadowing or internships, and activities in the school lab. Interpersonal skills, work ethics, and oral and written communication skills are reinforced in this course. Supervised Agricultural Experience (SAE) programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Upon completion of the course under the direction of a licensed Louisiana Landscape Contractor, students may receive a partial completion industry-based certification as a Louisiana Landscape Contractor.

## Power Equipment (Small Engines)

Prerequisite: ..... Agriscience I or Junior/Senior with counselor

Length of course: ..... 1/2 or 1 year

Units or credits: ..... 1/2 or 1

This course prepares students for a career in operating, maintaining, and repairing small gasoline engines. The 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 engine 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. Supervised agricultural experience (SAE) programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Completion of the one semester course prepares students for the Equipment and Engine Training Council (EETC) exam in four stroke technician. Completion of the full year course prepares students for the EETC certification exams in four stroke technician and two stroke technician.

## Precision Agriculture

Prerequisite: ..... Agriscience 2 or Junior/Senior with counselor

Length of course: ..... 1/2 year

Units or credits: ..... 1/2

This course is designed to employ appropriate techniques to demonstrate application of Geographic Information System/Global Positioning System (GIS/GPS) system principles, to use computer applications to produce maps that reflect surveying and mapping principles, and allow the student to select an area of personal expertise to demonstrate knowledge of end applications. Emphasis is placed on concepts, principles, equipment, techniques, and application. Skills in communication, problem solving, mathematics, and computer usage are reinforced in this course. Supervised agricultural experience programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

## Small Animal Care and Management

Prerequisite: ..... Agriscience I or Junior/Senior with counselor

Length of course: ..... 1/2 or 1 year

Units or credits: ..... 1/2 or 1

This is the first of two courses designed to provide students with an introduction to the care and management of small animals. The course will be aligned with a student's career path in either the Vet Technician field or Pre-Veterinary major. Topics for study include an orientation to the agriscience industry in Louisiana and the FFA student organization and introduction to small animal care, with emphasis being on the history and classification of domesticated animals, physiology, and careers in the veterinary industry. Scientific, mathematical, economic, technical, and moral/ethical principles are reinforced in this course, as are communication and critical thinking. Work-based learning strategies appropriate for this course include internships, field trips and activities in the school lab facility. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

## Veterinary Assistant

Prerequisite: ..... Agriscience I or Junior/Senior with counselor

Length of course: ..... 1 year

Units or credits: ..... 1

This course introduces students to the general concepts and principles related to Veterinary Science and associated processes, industries, and occupations. It is designed as a culminating course of the animal industry following introductory animal science in Agriscience I. Emphasis is placed on career opportunities, animal nutrition and husbandry, pharmacology, and health and management of animals. Critical thinking and reasoning, and oral and written communication skills are reinforced in this course. Work-based learning strategies appropriate for this course are field trips, job shadowing, school-based enterprises, and cooperative education. Supervised agricultural experience (SAE) programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

## Welding Systems I (ABC Welding)

Prerequisite: ..... Agriscience 2 or Junior/Senior with counselor

Length of course: ..... 1 year

Units or credits: ..... 1, 2, or 3

This course provides the students the 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. Core curriculum areas reinforced in this course are: mathematics, science, and critical thinking skills. Work-based learning strategies appropriate for this course are school-based enterprises, internships, cooperative education, and apprenticeships. Simulations, projects, teamwork and FFA activities, and competitions will provide opportunities for application of instructional competencies.

## Welding Systems II (ABC Welding)

Prerequisite: ..... Agriscience 2 or Junior/Senior with counselor

Length of course: ..... 1 year

Units or credits: ..... 1, 2, or 3

This course is a culminating course designed to use and reinforce the skills acquired in the Welding Systems I. The emphasis for this course will be developing the student's skills and understanding of the welding field for employment in the area. Topics of study include welding safety, blueprint reading, tool identification and care, oxy-fuel cutting, shielded arc welding, welding joints, welding positions, and special applications of welding. Mathematics, science, and critical thinking skills are reinforced in this course. Work-based learning strategies appropriate for this course are school-based enterprises, internships, cooperative education, and apprenticeships. Supervised agricultural experience programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical applications of instructional competencies.



# Business Education

**Our Mission:** Business Education/Computer Education Department programs help prepare students for success in today's high tech business careers. Through the Business, Management and Administration Career



Cluster, students will find these courses challenging and will gain experience using technology that will assist in the development of skills and knowledge. Opportunities for on-the-job training are available which enable selected students to develop skills and appropriate work-related practices that will prepare them for a future career.

Students who like to take charge (Future Business Leaders/FBLA), work with money, be competitive, solve problems, use computers, work with others, make decisions, meet people, initiate projects, and market ideas should consider a business career. Students will have the opportunity to attend and compete in district, state, and national business conferences as well as participate in officer elections at all levels. Students also will be able to perform community service projects, participate in social events, and promote goodwill within our community.

A modest materials fee will be assessed in those classes requiring extensive computer usage.

## Administrative Support Occupations

Prerequisite: ..... Introduction to Business Computer Applications  
Grade Level: ..... 10-12  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is designed to prepare students as support staff in a business sector. Emphasis is placed on the integration of business and communication concepts and skills necessary to prepare students to become members of the workforce. Oral and written communications, time management, decision-making, interpersonal, critical-thinking, problem-solving, and technology skills are reinforced in this course through business application projects. Work-based learning strategies appropriate for this course are simulations, service learning, field trips, job shadowing, apprenticeships and internships. Also FBLA leadership activities, meetings, conferences, and competitions provide opportunities for application of instructional competencies.

## Accounting (Honors/Dual)

Prerequisite: ..... Introduction to Business Computer Applications or Business Computer Applications  
Grade Level: ..... 11 - 12  
Length of course: ..... 1 year  
Units or credits: ..... 1

Principles of Financial Accounting is a foundation course in accounting. The course focuses on financial accounting principles as related to corporations, fundamental transaction recognition and recording, service and merchandising operations, and basic financial reporting, especially as related to the balance sheet, income statement, statement of owners' equity, and statement of cash flow. Membership in FBLA is required.

## Business Communications

Prerequisite: ..... Introduction to Business Computer Applications or Business Computer Applications  
Grade level ..... 11-12  
Length of course ..... 1 year  
Units or credits ..... 1

This course is designed to use the skills learned in English/Communications to compose memoranda, letters, reports, e-mail, and other written and oral communications. Emphasis is placed on proper grammar, spelling, and punctuation, as well as the legality, ethics and the psychological approaches to preparing the oral and written communication. Through 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 communications. Work-based learning strategies appropriate for this course are job-shadowing, field trips, service learning. FBLA membership is strongly encouraged.

## Cooperative Office Education--COE

Prerequisite: ..... Introduction to Business Computer Applications or Business Computer Applications

Grade Level: ..... 12  
Length of course: ..... 1 year  
Units or credits: ..... 3 (\*including work and class time)

Cooperative Office Education (COE) includes one class period of work and at least three hours of office work experience each day earning at least minimum wage. This course includes classroom discussions and work related applications as are related to typical tasks found in modern offices. Students will attend class first period of the day and work at least 15 hours per week. Students must be at least 16 years of age and remain in school for the entire year. An application is completed and teacher approval is required in order to be accepted in the program. A \$5.00 lab fee is required.

## Education For Careers

Prerequisites: ..... None  
Grade Level: ..... 9-12  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course will give the students a solid grasp of how to prepare for work and life through career planning, money management, and knowledge and skills needed to secure and succeed in their first job and manage their personal finances. Students will also learn to understand the important role of human relations (basic communication skills, thinking skills, personal qualities such as responsibility, self-esteem, self-management, and integrity).

## Principles of Business

Prerequisites: ..... None  
Grade Level: ..... 9-12  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is an introductory course that provides students with basic business operations skills. Emphasis is placed on the exploration and description of basic business concepts and applications. The course will include business applications projects as well as work based learning strategies to include job shadowing, field trips, and service learning. FBLA leadership activities, meetings, conferences, and competitions will be incorporated, and FBLA membership is mandatory.

## Entrepreneurship

Prerequisite: ..... Introduction to Business Computer Applications or Business Computer Applications  
Grade Level ..... 10-12  
Length of course ..... 1 year  
Units or credits ..... 1

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. A \$5.00 computer lab fee is required.

## Business Law

Prerequisite: ..... None  
Grade level ..... 10-12  
Length of course ..... 1 year  
Units or credits ..... 1

Business law is designed to assist students in understanding basic legal rights and responsibilities as they apply to individuals and businesses. The course includes legal structure, contracts, employment laws, rights and responsibilities of young people, consumer law, family law, insurance, and business organization and management.

## Economics

Prerequisite: ..... IBCA, Financial Math or Algebra I  
Length of Course: ..... 1 year  
Units or Credits: ..... 1

This course covers the American Economic System as well as the role of the American economic system in the global economic community. Emphasis will be placed on real-world examples and current issues related to economics. Hands-on projects, field trips, and service learning along with research will be conducted supply and demand, money, government, taxes, and other related core concepts. Membership in FBLA is strongly encouraged.



# Computer Education

## Introduction to Business Computer Applications

Prerequisite: ..... None  
Grade level: ..... 9-12  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is the first of two courses designed to provide students with basic computer application skills. Students will be introduced, for a minimum of three weeks of the school year, to the touch method of operating a computer keyboard to produce simple business documents. Emphasis is placed on basic computer concepts both hardware and software, word processing, and spreadsheet applications. A \$5.00 lab fee is required.

## Business Computer Applications

Prerequisite: ..... Introduction to Business Computer Applications  
Grade level: ..... 10-12  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is designed to introduce students to computer software that is used in the world of work. Practical applications for the use of word processing, spreadsheet, data management, computer multimedia presentations, telecommunications and graphics software are all explored. Software to be used include Access, Power Point, Excel, and Word. A \$5.00 lab fee is required.

## Computer/Technology Applications using UBUNTU

Prerequisite: ..... Introduction to Business Computer Applications or Business Computer Application, class size limited  
Grade Level: ..... 11-12  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course will introduce students to basic computer skills with the opportunity to raise their knowledge level and skills in: 1) basic concepts of using the computer: installing software and maintaining a personal computer, 2) word processing, 3) spreadsheets, 4) presentations, 5) cyber security and living on-line, 6) digital media: playing music, recording sound and video, ripping music from CDs, etc., and 7) graphics design: creating web pages. Open source software used will be the following: operating system (Ubuntu), applications (OpenOffice), graphics (Gimp), web design (NVU), and web browser (Mozilla Firefox).

Ubuntu, which is pronounced "oo-Boon-too", is a free, general purpose operating system for the PC desktop that often rivals Microsoft Windows and Macintosh OS for ease of use. This course will provide a hands-on approach designed to guide a user with no previous Linux experience. Cost-effective, easy-to-use and reliable, Ubuntu is an open source platform on which to build a support system for a technology, confident student.

Because of Ruston High School's status with the Capital Area Corporate Recycling Council (CACRC)—Computers for Louisiana's Kids (CLK), we are able to place a computer in the hands of each student enrolled in the class. At the end of a successful course study, students will be awarded the PC for his own personal use. A \$20.00 computer fee is required.

## Computer Architecture

Prerequisite: ..... Introduction to Business Computer Applications or Business Computer Applications and Teacher Approval  
Grade Level: ..... 11 - 12  
Length of course: ..... 1 year  
Units or credits: ..... 1

The focus of the Computer Architecture course is to start preparing students for an entry-level service technician position with an industry standard certification (A+ Certification). Core technologies in hardware maintenance and operating systems are at the center of all activities. Topics to be covered include, but are not limited to, the following areas: Operating systems - installation, upgrading, maintenance, and configuration; Hardware - installation, upgrading maintenance, and configuration; and, System Architecture - bus speed configuration, installing components, and external ports. A \$5.00 workbook/lab fee is required.

## Computer Multimedia Presentations

Prerequisite: ..... Introduction to Business Computer Applications  
Grade Level: ..... 11 - 12  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course will expose the student to current emerging technology in production of presentations. Using the current software and equipment in both regular and digital

technology, the student will create and present a multimedia presentation using the standard concepts of production. The student will be exposed to the decision making process in producing the project. Software and equipment used: (Software: MS Publisher, Power Point, etc. Equipment: Computer, scanner, video camera, digital camera, projector, screen, etc.)

## Word Processing

Prerequisite: ..... Introduction to Business Computer Applications or Business Computer Applications  
Grade Level: ..... 11 or 12  
Length of course: ..... 1 year  
Units or credits ..... 1

Word Processing is designed to introduce students to information management in word processing concepts, procedures, and applications. Emphasis is placed on entering storing, retrieving, editing, printing, sorting, merging files, and desktop publishing. Word, Power Point, and other software packages will be used. A \$5.00 lab fee is required.

## Desktop Publishing

Prerequisite: ..... Introduction to Business Computer Applications or Business Computer Applications  
Grade Level: ..... 10 - 12  
Length of course: ..... 1 semester  
Units or credits ..... 1/2

This course is a culminating course designed to integrate the knowledge and skills learned in keyboarding/keyboarding applications with the concepts, procedures, and applications of desktop publishing. Emphasis is placed on continued skill development in efficient operation 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, newsletters, web pages, power point presentations, and manuscripts. A \$5.00 lab fee is required.

## Desktop Publishing II (Formerly Chatterbox)

Prerequisite: ..... English I, IBCA, Teacher Approval, Introduction to Business Computer Applications  
Length of course: ..... 1 year  
Units or credits ..... 1

Students enrolled in Desktop Publishing II will assist in publishing the school newspaper (Chatterbox) both in print and online by researching, photographing, and writing articles as assigned. Students will interact with the business and publishing community by selling ads and working with local journalists. Membership in FBLA is required and students will assist in the production of FBLA projects and portfolios, the end of school awards presentation, and any other academic club projects and portfolios assigned.

## Telecommunications

Prerequisite: ..... Introduction to Business Computer Applications or Business Computer Applications  
Grade Level: ..... 10 - 12  
Length of course: ..... 1 semester  
Units or credits ..... 1/2

Telecommunications covers a wide spectrum of information from understanding how telecommunications are used to the latest wave on the Internet. Hands-on exercises will include accessing Internet and using E-mail. A \$5.00 lab fee is required.

## Web Mastering

Prerequisites: ..... Teacher Recommendation  
Grade Level: ..... 11 - 12  
Length of course: ..... 1 year  
Units or credits: ..... 1

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 the 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. Students will use appropriate search methods and applications to retrieve and evaluate information and use a variety of web communications. Career possibilities related to the internet and web design will be explored. A \$5.00 lab fee is required.



# Family and Consumer Science

## ProStart I and II

Prerequisite: ..... Career interest in a food service or hospitality industry, Junior or Senior, (16 years of age), behavior, and attendance

Length of course: ..... 1 year each (internship not required)

Units or credits: ..... 1

ProStart provides students with a combination of classroom and workplace learning. The classroom learning includes safety and sanitation training, customer skill training, worksite tours, speakers, food preparation, and strategic business management. Each student may be assigned an industry mentor for a paid internship. After completion of the ProStart program, which includes a national certification exam, students will be awarded the ProStart certificate from the National Restaurant Association Educational Foundation. A lab fee of \$10 will apply for each class.

## Family And Consumer Science I

Prerequisites: ..... 9 - 10th only

Length of course: ..... 1 year

Units or credits: ..... 1

This course examines areas of personal and family living, wellness, nutrition and foods, financial management, living environments, appropriate child development practices, transferring school skills to life and work and an orientation to the Family, Career, and Community Leaders of America organization. A \$15.00 lab fee will be required for child development, nutrition and sewing labs.

## Nutrition And Food/Advanced Nutrition and Food

Prerequisites: ..... None

Grade Level: ..... 10 - 12 only

Length of course: ..... 1 year

Units or credits: ..... 1/2 each

Nutrition and Food includes instruction in the relationship of nutrition to health and well-being, functions and sources of nutrients, caloric requirements, USDA my pyramid, nutrition labeling, food fads and myths, controlling body weight, food needs of teenage athletes, meal planning, sanitation and food safety, preparation and service of simple meals, and optimal use of the food dollar. A \$5.00 lab fee will be charged.

Advanced Nutrition and Food includes a review of fundamentals of nutrition; special dietary needs; planning, preparing, and serving family and special occasion meals; meal management; foreign food study; and careers in food-related occupations. A \$5.00 lab fee will be charged.

## Housing and Interior Design

Prerequisites: ..... 10th - 12th grade

Length of course: ..... 1 semester

Units or credits: ..... 1/2

Housing and Interior Design: This course is designed to prepare students to make wise choices concerning decisions relative to housing, concepts related to influences on housing, construction, safety, maintenance and design. Work-based learning strategies appropriated for this course include field trips and job shadowing. A \$5.00 lab fee will be required.

## Clothing and Textiles / Advanced Clothing and Textiles

Prerequisites: ..... 11th - 12th grade

Length of course: ..... 1 year

Units or credits: ..... 1/2 each

Clothing and Textiles: This course introduces students to concepts relating to fabrics, color, clothing care, buying clothing, sewing equipment, and beginning sewing skills. Emphasis is on applying construction and design skills to apparel and home fashion. Sewing supplies will be required.

Advanced Clothing and Textiles: This course builds upon concepts introduced in Clothing and Textiles. In-depth study of fabrics and construction will be included. The use of computerized sewing machines may be incorporated. Sewing supplies must be purchased by student. \$10.00 lab fee.

## Child Development/Advanced Child Development

Prerequisites: ..... Grades 10th-12th

Length of course: ..... 1 year

Units or credits: ..... 1/2 each

Child Development: Students will study the physical, intellectual, social and emotional growth and development of children from birth through early childhood. Emphasis is on helping students create an environment for children that will promote optimum development. A \$5.00 lab fee is required.

Advanced Child Development: This course builds on the foundational skills introduced in Child Development. Emphasis is placed on guiding physical, social, emotional, intellectual, moral, and cultural development through childhood. A \$5.00 lab fee is required.



# Fine Arts

The Fine Arts department is comprised of visual arts, fine arts, instrumental music, vocal music, and a study of fine arts.

## Visual Arts

### Art I

Prerequisite: ..... None

Grade Level: ..... 9-12

Length of course: ..... 1 year

Units or credits: ..... 1

This class deals with exploratory art experiences in a variety of media such as pencil, charcoal, crayons, pastels, tempera, watercolor paints, and ceramics. All experiences are based on the elements and principles of design. Units of art history are included. A \$15 fee is required.

### ART II

Prerequisite: ..... Art I, Teacher Approval

Length of course: ..... 1 year

Units of credits: ..... 1

Students must show proficiency in one or more major art areas. In Art II the student will be encouraged to have art experiences in drawing, painting, and two and three dimensional design, using a wide variety of mediums such as charcoal, pastels, oils, acrylics, watercolors, ceramics, print making, etc. A \$15 fee is required.

### Art III/IV

Prerequisite: ..... Art I, Art II, Teacher Approval

Length of course: ..... 1 year

Units or credits: ..... 1

This course is designed for the student who shows artistic ability and interest in art as a possible career. The student will work in a variety of media. A \$20 lab fee will include a set of brushes. Class size is limited. Students must submit a portfolio for acceptance into Art III or Art IV. \*NOTE: A student may elect four (4) years of visual arts studies. The student selecting art as an elective should have either some natural artistic ability or a desire to improve skills in a wide variety of materials and procedures. A wide variety of two-dimensional and three-dimensional activities are included in the curriculum as well as art history, art appreciation, and art career. Students may not enroll in a beginning art course in midyear.

### Fine Arts Survey (Honors)

Prerequisite: ..... None

Length of course: ..... 1 year

Units or credits: ..... 1

Fine Arts is an honors level class that serves as an introduction to the visual arts, music arts and architecture and how they affect our everyday lives. There is an emphasis on art appreciation rather than art production, through the study of the history, the form and the content of art, music and architecture. Recommended for 11th and 12th grades. \$7.00 fee is required



# Fine Arts

## Instrumental Music

### Beginning Band

Prerequisite: ..... Meeting with teacher, secure instrument, and parent approval via personal meeting  
Length of course: ..... 1/2 year, fall semester  
2nd semester will be Advanced Band  
Units or credits: ..... 1/2

This course is for freshmen or sophomores who did not have an opportunity to begin band in earlier grades. In order to participate the student must own an instrument or purchase one upon enrolling in the class. Only the standard symphonic band instruments will be taught. \$30.00 instrument rental fee if student does not own instrument.

### Advanced Band (Honors)

Prerequisite: ..... Band instrument, band experience, and teacher recommendation  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is offered to seniors only who wish to receive honors credit for band. Honors Advanced Band students are required to complete a special research project in the first term, must perform a recital piece in the second term, and must fulfill all requirements for regular Advanced Band. These projects must be approved by the instructor and completed as the time line is given. Fees range from \$75.00 to \$150.00.

### Advanced Band

Prerequisite: ..... Band instrument, band experience, teacher recommendation  
Length of course: ..... 1 year  
Units or credits: ..... 1

During marching season all band members, including flag corps members, constitute this band. This is a top-performing group with students of all levels. This band performs at all football games, selected parades, and other performances as outlined in the annual band calendar. After marching season, Advanced Band will divide into two concert groups by audition. A wind ensemble/symphonic band will be selected from those demonstrating an advanced degree of musical aptitude. Those who do not qualify for Symphonic Band will be moved to Concert Bands. These bands will study and rehearse the best literature available for high school levels. Fees range from \$75.00 to \$150.00.

### Applied Music

Prerequisite: ..... Band instrument, Beginning or Advanced Band  
Length of course: ..... 1 year  
Units or credits: ..... 1  
Open to Woodwind, Brass, Percussion grades 9 - 11. The course includes the study of technique and pedagogical problems on individual instruments.

### Advanced Music Theory (Honors)

Prerequisites: ..... Band Director approval and two credits of Advanced Band, Advanced Chorus or one full year of private piano instruction.  
Length of course: ..... 1 term (Offered second term only)  
Units or credits: ..... 1  
Advanced Music Theory will discuss in detail the finer parts of music construction and interpretation. This class is strongly recommended for those students who wish to pursue a degree in music education or music performance in college.

## Vocal Music

### Applied Music (Beginning Choir)

Prerequisite: ..... Girls or Boys class  
Length of course: ..... 1 year  
Units or credits: ..... 1  
Must possess a cooperative attitude, work ethic and a desire to learn music fundamentals and sing parts. Students are expected to participate in

fundraisers and several choir events throughout the year. Must audition in order to be in the class. All choir performances are required and a major part of the grade.

FEE: \$35.00 payable by October 5th.

Fee covers the choir robe rental, music for class, field trip expense, festival expense.

Choir members are also required to purchase a specific performing uniform.

( approximate cost - \$35.00 to \$40.00)

### Piano (Honors)

Prerequisites: ..... 9th, 10th, 11th, and 12th; Choir Director approval only  
Length of course: ..... 1 year  
Unit or credit: ..... 1

CHOIR MEMBERS are given first choice; Class size is limited to FIVE students - first priority given to choir members/ then band members interested in serious study of theory/ piano. FEE for class: \$50.00 for the year for supplies ( piano textbook/ music note flashcards) Class members will have a minimum of one student recital during the year in addition to daily class work. Class members will have access to the piano lab, music writing software ( Sibelius Music Software) and will write a minimum of one composition per semester as part of their requirements.

### Adv. Music Theory and Piano (Honors/Dual Enrollment)

Prerequisites: ..... CHOIR DIRECTOR approval only; and two credits of Advanced Choir or Adv. Band. By audition/interview given by teacher only. For serious students only.

Length of course: ..... 1 year

Unit or credit: ..... 1

CHOIR MEMBERS are given first choice; Class size is limited to FIVE students - first priority given to choir members/ then band members interested in serious study of theory/ piano. FEE for class: \$50.00 for the year for supplies ( piano textbook/ music note flashcards) Class members will have a minimum of one student recital during the year in addition to daily class work. Class members will have access to the piano lab, music writing software ( Sibelius Music Software) and will write a minimum of one composition per semester as part of their requirements.

### Advanced Chorus (Honors/Dual credit)

Prerequisite: ..... Students must be approved by CHOIR DIRECTOR in advance and must be placed in this class ONLY with her recommendation. Students must have excellent music reading skills and a strong desire for excellence in music. All Choir performances are a requirement and a major part of the grade.

Length of course: ..... 1 year

Units or credits: ..... 1

In order to receive honors & dual credit, students must do three of the following: 1. All State Auditions (either ACDA or LMEA); 2. Solo and Ensemble festival participation; 3. Spring Musical auditions and performance; 4. All District Honor Choir Auditions; 5. District or State Rally Participation; or 6. Participate in an evening SOLO RECITAL for parents during the Spring; 7. Bearcats on Broadway; or 8. Theory assignments.

CHOIR FEE: \$35.00 payable by October 5th. Fee covers the choir robe rental, music for class, field trip expense, festival expense. Fundraisers are necessary for extra choir events and your help will be needed. Choir members are also required to rent a specific performing uniform. (Approximate cost: \$15.00 rental fee)

### Advanced Chorus

Prerequisite: ..... Students must be approved by CHOIR DIRECTOR in advance and must be placed in this class ONLY with her recommendation.

Length of course: ..... 1 year

Unit or credits: ..... 1

Students will follow the same format as HONORS/DUAL CREDIT however, if they do not meet the criteria ( three of the six events) they will receive a general credit for this choir class.

CHOIR FEE: \$35.00 payable by October 5th. Fee covers the choir robe rental, music for class, field trip expense, festival expense. Fundraisers are necessary for extra choir events and your help will be needed. Required to audition for All-district and All-state choir in the Fall. Choir members are also required to purchase a specific performing uniform. (Approximate cost: \$35.00 to \$40.00)

### Applied Music (Voice)

Prerequisite: ..... Choir member, Beginning or Adv.

Length of course: ..... 1 year

Unit or credit: ..... 1

Open to choir members interested in study of technique/ music reading in voice.

Fee-\$ 20.00 for music books and rehearsal CDs.



# Foreign Language

Although a foreign language is not required for high school graduation, students must have two credits in the same language for the Louisiana Board of Regents college admissions requirement. Students planning to take the third year should enroll in foreign language honors courses.

A student whose first language is French, Spanish, or German (language spoken at home, exchange students from French, Spanish, or German speaking countries) is not eligible to receive first year foreign language credit in that language. Such a student must take a proficiency exam (oral and written) to determine proper placement and/or credit.

Due to the emphasis placed on oral/aural skills in all courses, no foreign language course will be offered as independent study.

The following guidelines should be considered.

## Honors:

1. A or B average honors math and English
2. Enrolled in high school honors math or English
3. Excellent study habits
4. Recommended for sophomore year

## College Prep:

1. Very good study habits
2. Strongly recommended for junior year

## French I (Honors)

Prerequisite: ..... 10-12 grade  
Length of course: ..... 1 year  
Units or credits: ..... 1

French I (Honors) is an introductory French course designed for student who have had little or no previous study of written French. Students learn to communicate in French by developing the four skills of understanding, speaking, reading, and writing with reference to the attitudes and culture of French speaking countries. Homework is assigned daily and the class moves at a rapid pace. Skills needed for college placement tests will be emphasized. Nightly study is necessary.

## French I (College Prep)

Prerequisites: ..... 10-12 grade  
Length of course: ..... 1 year  
Units or credits: ..... 1

French I is introductory French for students having little or no previous study of written French. This course is for serious, college-bound students with good study habits. Students learn to communicate in French by developing the four skills of speaking, understanding, reading and writing with reference to the attitudes and culture of French speaking countries. Homework is assigned daily and the class moves at a rapid pace. Nightly study is necessary.

## French II (Honors)

Prerequisites: ..... B average or better in French I honors  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is a continuation of French I honors with emphasis on vocabulary acquisition and grammatical concepts to improve skills in understanding, speaking, reading, and writing. Homework is assigned daily and the class moves at a rapid pace. Recommended for serious, college-bound students.

## French II (College Prep)

Prerequisites: ..... French I  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is a continuation of French I with emphasis on vocabulary acquisition and grammatical concepts to improve skills in reading, writing, speaking and understanding. Homework is assigned daily and the class moves at a rapid pace. Skills needed for college placement tests will be emphasized. Nightly study is necessary.

## French III (Honors)

Prerequisites: ..... C average or better in French I honors and French II honors  
Length of course: ..... 1 year  
Units or credits: ..... 1

French III (Honors) is an introduction to French culture, history, literature and art. Students also work on conversation, comprehension, and writing skills. Grammatical review is incorporated throughout the term. At least one literary work is studied.

## German I (College Prep)

Prerequisites: ..... 10-12 grade  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is designed to introduce students to the German language and culture. It covers basic grammar concepts (verb conjugation, noun genders, nominative and accusative cases) and vocabulary. Students will be able to communicate verbally and written while understanding basic conversation and texts. Nightly study is necessary.

## German I (Honors)

Prerequisites: ..... None  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is designed to introduce and develop a beginner's language skills at a faster pace and more in depth level. The same skills as German I will be covered as well as more detailed and advanced vocabulary and grammar (such as present perfect tense). Nightly study is necessary.

## German II (College Prep)

Prerequisites: ..... German I  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is a continuation of German I. The emphasis is advanced vocabulary and grammar concepts. Skills acquired in German I will be built upon. Nightly study is necessary.

## Spanish I (Honors)

Prerequisites: ..... 10-12 grade  
Length of course: ..... 1 year  
Units or credits: ..... 1

Spanish I (Honors) is an introductory Spanish course designed for students who have had little or no previous study of Spanish (not for students whose home language is Spanish). Students learn to communicate in introductory Spanish by developing the four skills of understanding, speaking, reading, and writing with reference to the attitudes and cultures of Hispanic people. Homework is assigned daily, and the class moves at a rapid pace. Skills needed for college placement tests will be emphasized.

## Spanish I (College Prep)

Prerequisites: ..... 10-12 grade  
Length of course: ..... 1 year  
Units of credits: ..... 1

Spanish I is introductory Spanish for students having little or no previous study of written Spanish (not for students whose home language is Spanish). This course is for college bound students with good study habits. Students learn to communicate in introductory Spanish by developing the four skills of speaking, understanding, reading and writing with reference to the attitude and culture of Hispanic people. Homework is assigned daily, and class moves at a rapid pace.



# Foreign Language

## Spanish II (Honors)

Prerequisites: ..... B average or better in Spanish I honors or credit in Spanish I by state approved credit exam  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is a continuation of Spanish I honors with emphasis on vocabulary acquisition and grammatical concepts to improve skills in understanding, speaking, reading, and writing. Homework is assigned daily and the class moves at a rapid pace. Skills needed for college placement tests will be emphasized.

## Spanish II (College Prep)

Prerequisites: ..... Spanish I  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is a continuation of Spanish I CP with emphasis on vocabulary acquisition and grammatical concepts to improve skills in reading, writing, speaking and understanding. Homework is assigned daily, and the class moves at a rapid pace.

## Spanish III (Honors/Dual) and IV (Honors)

Prerequisites: ..... C average or better in Spanish II honors  
Length of course: ..... 1 year  
Units or credits: ..... 1 each

These courses will be offered once a year in a combined class.

- Year A: Students will study the history and culture of Spain.
- Year B: Students will study the history and culture of Latin America.

Both courses will review grammar through reading, composition and conversation. Outstanding works in literature and art will be presented through readers, videos and visuals. Workbook will be required.

# Language Arts

Four units of English are required for graduation. Students are required to take English I, II, III, and IV. English II, III, and IV must have a prerequisite successfully completed. (For example, students must have a unit in English I before taking English II. Freshmen will take English I, sophomores will take English II, juniors will take English III, and seniors will take English IV.) Students are encouraged to take electives in the language arts curriculum to enrich education in the humanities.

**Advanced Placement.** Must meet Louisiana Grade Level Expectations (GLE) and course requirements set up by *TheCollegeBoard*. This course provides academic instruction on a college level with opportunity to earn college credit by taking *TheCollegeBoard* exam at the end of the course. The cost of the exam is approximately \$86. A GPA of 3.00 or better is recommended.

**Dual Enrollment.** Through an agreement between RHS and Louisiana Tech, RHS students may receive dual credit for selected courses (designated by a "D"). To be eligible a student must have a GPA of 3.00 or better on all courses and a preferred ACT score of 18 or SAT 1020 (there may be some additional course specific requirements). Students must submit an application for admission to the university along with a high school transcript and official ACT/SAT scores. The university cost of courses is determined by the university and may vary from year to year.

The **honors** English courses are offered to prepare students for college entrance examinations and college credit tests that are usually taken at the junior and senior levels. These classes are taught at a fast pace and require commitment and some maturity on the part of the students. Summer reading is required of all honors level students. Students who take honors courses may or may not want to take an Advanced Placement or Dual Credit class.

To qualify to enter an honor's level course during the next school year, a student MUST:

- \* Earn an 80% or better in the first semester of the current course. For instance, a freshman must have earned at least 80% in the first semester of 8th grade English.
- \* Score Basic or above on LEAP (8th grade), I-LEAP, GEE, or EOC Test.

# Language Arts

\* Complete the required Summer Reading Project

\* Gain a teacher recommendation rating of satisfactory or better

If the end-of-course grade in the current English class is lower than 80%, that student will not be eligible to enter an honor's level course for the next academic year.

A student who does not meet the honors requirements yet chooses to take an honors course must sign a contract that will include the teacher's and parent's signature.

If a student elects to enroll in an honor's course against school policy, that student and his parent must understand that honors' courses are rigorous and demanding. Participation in honors' classes is a choice. Therefore, honors students MUST maintain an 80% or better average at all times to remain in the course without a parental conference and MUST remain in the course throughout the year. If a student earns a 70-79% as a semester grade in an honor's course, a conference with the student, parent/guardian, counselor, and teacher must be held to determine whether a student remains in the honor's course or not. NO student will be allowed to "drop" the Honors course after the official "drop" date before the beginning of the second semester.

If a student has a 69% or less at midterm, he or she will automatically be removed from the honors course and placed in a college prep level course for the second term. College prep credit will then be awarded for the entire year, not just the second semester. Students may request honors courses again for the next academic year, but they must have maintained an A average in the CP class during the second semester and they must meet the qualifying criteria listed above.

The **college prep** English courses are for the student who is functioning on his grade level in English. These classes are designed to prepare the average student for college.

The **standard** English courses are primarily for the student who is not achieving at his grade level in English. Students in these courses review the basic reading, grammar, and writing skills tested on the Exit English and Composition Tests given during the sophomore year. Basic English courses taken by students who have successfully passed both the Exit English and Composition tests are designed to provide the students with practical communication skills needed for success in life and work. Basic classes are not college preparatory.

## Reading I

Prerequisites: ..... Junior High Standardized Test scores, Reading Placement exam results

Length of course: ..... 1 year

Units or credits: ..... 1

Reading I is an entry-level literacy course that develops fundamental and academically essential reading and writing skills as well as provide students opportunities for sustained reading and extensive writing practice. Instruction will be research based and individualized. School orientation and study skills will be included in the coursework. Class size will be limited.

## English I (Standard)

Prerequisites: ..... Teacher Recommendation, 8th grade LEAP scores

Length of course: ..... 1 year

Units or credits: ..... 1

This course is designed for the student who is not achieving at his/her grade level in English and who needs special help in reading, comprehension, vocabulary, capitalization, punctuation, spelling, sentence structure, grammar, library, study, and composition skills. All units will be teacher-directed with stress on modeling by the teacher and practice by the student. Students will be required to pay a \$5.00 English fee.



# Language Arts

## English I (College Prep)

Prerequisites: ..... None  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course provides academic instruction through an integrated program which combines literature, grammar, and writing. The literature focuses on the development of critical thinking skills through the study of short stories, poetry, nonfiction, drama, epics, and novels. Grammar skills will be taught with emphasis on application in descriptive, persuasive, narrative, and expository writing. Several formal writing assignments will be required. Students will be required to pay a \$5.00 English fee.

## English I (Honors)

Prerequisites: ..... Teacher Recommendation, 8th grade LEAP scores, GPA  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is designed for the student who already has knowledge of basic grammar and paragraph-writing skills. Participation in Summer Reading Program is mandatory for all English Honors level courses. Grammar and composition skills will be briefly reviewed. A study of the classics will be emphasized in the following genres: short story, drama, poetry, epic, and the novel. The development of analytical and critical thinking skills will be stressed. Several formal writing assignments will be required. Independent study along with teacher-directed units and extensive outside reading will be required for the purpose of preparing the student for college entrance exams and college credit tests usually given at the junior and senior levels. Students will be required to pay a \$5.00 English fee.

## English II (Standard)

Prerequisites: ..... Teacher Recommendation, English I, iLEAP test scores  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is designed for the student who needs help in preparing for the G.E.E. test to be given during the sophomore year. Special emphasis will be placed on vocabulary, reading comprehension, mechanics, sentence structure, word usage, study skills, and composition. Students will learn to read for appreciation, information, and comprehension. Students will develop vocabulary and writing abilities through guided practice. Students will be required to pay a \$5.00 English fee.

## English II (College Prep)

Prerequisites: ..... English I  
Length of course: ..... 1 year  
Units or credits: ..... 1

A thorough review of English grammar and composition skills will be included in this course. English II provides academic instruction through an integrated program which combines literature, grammar, instruction, and writing. The literature focuses on a variety of short stories, poetry, nonfiction, drama, myths and legends, and novels. Writing includes such forms as expository, persuasive, descriptive, and narrative. Several formal writing assignments will be required. Students will be required to pay a \$5.00 English fee.

## English II (Honors)

Prerequisites: ..... Teacher Recommendation, English I  
Length of course: ..... 1 year  
Units or credits: ..... 1

English II honors provides academic instruction which combines all of the course work in English II general with additional outside reading and writing projects, literary works, grammatical concepts, and research projects. Grammar skills will be reviewed with an emphasis on application in student writing. Several formal essays will be required. Participation in Summer Reading Program is mandatory for all English Honors level courses. Students will be required to pay a \$5.00 English fee.

## Pre-AP English II

Prerequisites: ..... Teacher Recommendation, English I Honors and completion of summer reading assignments.

Length of course: ..... 1 year  
Units or credits: ..... 1

Pre-English II course solidifies, by building on the skills students have already acquired, the foundation of previous English courses and requires students to perform increasingly more sophisticated tasks in their reading, writing, and thinking. During this year, students become familiar with the content of the Advanced Placement English courses. While they are learning to analyze successful authors in a variety of genres (prose, poetry, and drama), students examine their own processes of composition, structures of argument, and use of rhetorical strategies. Using the material studied as models of successful academic writing, students write formally and informally for a variety of audiences and purposes, employ a variety of rhetorical strategies, and develop their writing beyond a five-paragraph essay. Expository, analytical, and argumentative essays are written in each unit both in and out of class. By the end of the tenth grade, students should be approximating their adult voices and styles in writing. Participation in the Summer Reading program is mandatory, and students may be asked to purchase texts for the course.

## English III (Standard)

Prerequisites: ..... Teacher Recommendation, English II  
Length of course: ..... 1 year  
Units or credits: ..... 1

English III standard will emphasize skills needed to function as a productive citizen. Basic skills of reading, writing, and grammar will be stressed. Books by American authors will be read. Students will be required to pay a \$5.00 English fee.

## English III (College Prep)

Prerequisites: ..... None  
Length of course: ..... 1 year  
Units or credits: ..... 1

English III CP provides academic instruction through an integrated program which combines literature, grammar, and writing. The literature focuses on the short stories, plays, poems, essays, and novels of American authors. Grammar will be reviewed as needed. Vocabulary will be studied in conjunction with literature. A typed research paper on an approved topic will be required. Students will be required to pay a \$5.00 English fee.

## English III (Honors)

Prerequisites: ..... Teacher Recommendation, English II  
Length of course: ..... 1 year  
Units or credits: ..... 1

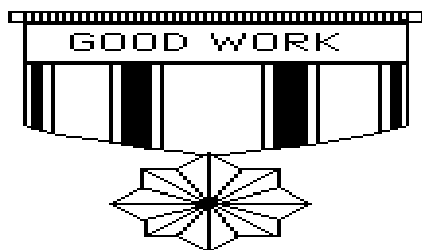
English III honors provides academic instruction through an integrated program which combines literature, grammar, and writing. The literature focuses on a wide range of texts, including short stories, plays, poems, essays, and novels of American authors. Grammar will be reviewed as needed. Vocabulary will be studied in conjunction with literature. A typed research paper related to a literary topic will be required. At least six novels and/or plays will be read. Participation in Summer Reading Program is mandatory for all English Honors level courses. Students will be required to pay a \$5.00 English fee.

## English III (Advanced Placement)

Prerequisites: ..... English teacher recommendation and completion of summer reading assignment

Length of course: ..... 1 year  
Units or credits: ..... 1

The AP English Language and Composition course is designed to help students become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and to become skilled writers who can compose for a variety of purposes. By their writing and reading in this course, students should become aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way generic conventions and the resources of language contribute to effective writing. Participation in Summer Reading Program is mandatory for all English Honors level courses. Students will be required to pay a \$5.00 English fee. Students will take the AP exam in the spring.



# Language Arts

## English IV (Standard)

Prerequisites: ..... Teacher Recommendation, English III  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is designed for any student who has successfully completed English I, II, and III. The course clarifies skills needed to function as a productive citizen, emphasizing communication and workplace skills. Basic skills of reading, writing, and grammar will be emphasized. Outside reading may be required. Students will be required to pay a \$5 English fee. English IV (Standard) is not college preparatory.

## English IV (College Prep)

Prerequisites: ..... English III  
Length of course: ..... 1 year  
Units or credits: ..... 1

This is a college preparatory course that emphasizes literature and composition. Students are expected to read novels as well as other forms of literature representative of the most noteworthy British authors. Composition assignments, including a research paper, are required and are structured to perfect writing skills, to encourage thinking, and to provide practice in the analysis of literature. Grammar will be reviewed as needed to improve composition skills. Students will be required to pay a \$5.00 English fee.

## English IV (Honors)

Prerequisites: ..... Teacher Recommendation, English III Honors or General.  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course will provide a comprehensive study of major British authors and their works. Extensive independent and teacher-directed reading of classic novels as well as other fiction, nonfiction, poetry, and drama will be required. Approached comprehensively, studies in literature will include symbolism, literary devices, style, and critical reviews of the material. Literature units will be taught chronologically with attention given to major movements in British history. Students will learn to analyze and synthesize their reading into organized, developed, structured compositions including a required research paper. Grammar will be reviewed in conjunction with the student's writing. Participation in Summer Reading Program is mandatory for all English Honors level courses. Students will be required to pay a \$5.00 English fee.

## English IV (Dual)

Prerequisites: ..... Teacher Recommendation, English III Honors or CP.  
Dual credit must have ACT score of 18 and GPA of 3.00.  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course will provide a comprehensive study of major British authors and their works. Extensive independent and teacher-directed reading of classic novels as well as other fiction, nonfiction, poetry, and drama will be required. Approached comprehensively, studies in literature will include symbolism, literary devices, style, and critical reviews of the material. Literature units will be taught chronologically with attention given to major movements in British history. Students will learn to analyze and synthesize their reading into organized, developed, structured compositions including a required research paper. Students will be assigned writing tasks and readings to fulfill the requirements of English 101. Grammar will be reviewed in conjunction with the student's writing. Students will be required to pay a \$5.00 English fee. Dual enrollment will earn 3 hours in English 101 and 3 hours in English 102. Participation in Summer Reading Program is mandatory for all English Honors level courses.

## English IV (Advanced Placement)

Prerequisites: ..... Teacher recommendation and completion of summer reading assignments  
Length of course: ..... 1 year  
Units or credits: ..... 1

English IV-AP (Literature/Composition) provides academic instruction on a college level which focuses on development of skills in critical reading of imaginative and discursive literature and in writing about literature and related ideas. The course requires reading with understanding a range of literature that is rich in quality and representative of different literary forms and historical periods. Students will take the AP test during the spring. Participation in Summer Reading Program is mandatory for all English Honors level courses. Students will be required to pay a \$5.00 English fee.

## Classical Mythology (Honors)

Prerequisites: ..... English II Honors or Teacher Recommendation  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is designed for the college-bound student. Reading the Greek and Roman myths as the foundation of Western literature and relating their influence on today's world will be the focus of this course. Research and compositions based on the myths will be required. This course is offered every other year. Students will be required to pay a \$5.00 English fee.

## Bible as Literature

Prerequisite: ..... English II  
Length of course: ..... 1 year  
Units or credits: ..... 1

The purpose of this course is to study the social, political, and military events of the Bible within a historical context. Outside readings and projects may be assigned. This course is offered every other year.

## Speech I

Prerequisite: ..... none  
Length of course: ..... 1 year  
Units or credits: ..... 1

This introductory level class will give emphasis to those oral skills which employers consider when they hire, including public speaking skills, group/teamwork skills, communication skills, honesty, and integrity. Students will also gain knowledge of oral skills needed for drama and radio.

## Speech II - Beginning Drama

Prerequisite: ..... none  
Length of course: ..... 1 year  
Units or credit: ..... 1

This course is designed for those students interested in drama. History of drama, theatre appreciation, elements of theatre, application (producing a play), make-up, and acting skills will be covered. Students will be encouraged to attend dramatic productions outside of school and may earn the privilege of traveling to competitions.

## Speech III - Advanced Drama

Prerequisite: ..... Speech II  
Length of course: ..... 1 year  
Units or credit: ..... 1

This course is designed for those students interested in increasing their knowledge of drama. History of drama, theatre appreciation, elements of theatre, application (producing a play), make-up, and acting skills will be covered, and students will be given more responsibilities and required to complete extra projects. Students will be encouraged to attend dramatic productions outside of school and required to do outside class reading.

## Forensics (Honors) Speech and Debate Team

Prerequisite: ..... Tryouts  
Length of course: ..... 1 year  
Units or credits: ..... 1

Students who have attended spring tryouts and have been accepted onto the RHS Speech and Debate team must sign up for this class. Students will be required to attend a summer camp and compete in six tournaments over the course of the year. Students build self-esteem and self-confidence as they work on and gain numerous skills: research, writing, critical thinking, time management, public speaking, team work, and interpersonal communication. Students/parents should expect expenses for camp and travel.

## Publications - Yearbook (Resume)

Prerequisite: ..... English I & English II, Teacher approval  
Length of course: ..... 1 year  
Units or credits: ..... 1

Students who enroll in Resume will use computer programs to learn the fundamentals of yearbook publishing. They will learn how to design, photograph, write, and publish an accurate account of the people and happenings of the school year. Students will also be required to interact with the business community by selling ads and working on fundraisers.



# Library Science

## LIBRARY SCIENCE (General)

|                         |  |
|-------------------------|--|
| Prerequisites: .....    | Teacher recommendation, permission of instructor, GPA of 2.5 or better |
| Grade Level: .....      | 11th - 12th grade standing   |
| Length of course: ..... | 1 year   |
| Units or credits: ..... | 1  |

Library science is designed to provide academic instruction and practical experiences to strengthen, improve, and expand students' skills in locating, evaluating, and using library resources. Students provide a valuable service by serving as library aids. Twelfth grade students will have priority.

# Mathematics

At least three units of mathematics are required for graduation. In planning a four-year program, it is highly recommended that most students take exactly one math class per year. The exception to this would be a student who plans to take more than four math classes. Students who anticipate a college major/career in math or science related fields should plan to pursue the theoretical path.

The honors mathematics courses are designed for the student who plans a math or science career. These courses are offered for the students interested in pursuing mathematics at a higher level.

To qualify to enter an honor's level course during the next school year, a student MUST:

- \* Earn an 80% or better in the first semester of the current course. Score Basic or above on LEAP (8th grade), I-LEAP, GEE, or EOC Test.
- \* Gain a teacher recommendation rating of satisfactory or better

If the end-of-course grade in the current Math class is lower than 80%, that student will not be eligible to enter an honor's level course for the next academic year.

If a student elects to enroll in an honor's course against school policy, that student and his parent must understand that honors' courses are rigorous and demanding. Participation in honors' classes is a choice. Therefore, honors students MUST maintain an 80% or better average at all times to remain in the course without a parental conference and MUST remain in the course throughout the year. If a student earns a 70-79% as a semester grade in an honor's course, a conference with the student, parent/guardian, counselor, and teacher must be held to determine whether a student remains in the honor's course or not.

If a student has a 69% or less at midterm, he or she will automatically be removed from the honors course and placed in a college prep level course for the second term. College prep credit will then be awarded for the entire year, not just the second semester. Students

# Mathematics

may request honors courses again for the next academic year, but they must have maintained an A average in the CP class during the second semester and they must meet the qualifying criteria listed above.

The college prep mathematics courses are designed for college/career-bound students who do not plan to pursue a math-related career. These students should be working at their grade level.

The standard mathematics courses are designed for students who find it difficult to master mathematics. These courses review topics that are needed to pass the Graduation Exit Exam.

## Algebra I (Honors)

|                         |   |
|-------------------------|---|
| Prerequisite: .....     | Score mastery on LEAP21 or special permission |
| Grade Level: .....      | 9th   |
| Length of course: ..... | 1 year  |
| Units or credits: ..... | 1   |

This course is designed for the college bound student who plans to pursue a math related curriculum. It is an in-depth study (theory and practice) of the same topics taught in Algebra I. Selected topics from the Advanced Placement Guide will be used as supplementary material. This course contains the equivalent of college Algebra, first year.

## Algebra I (College Prep)

|                         |                 |
|-------------------------|-----------------|
| Prerequisite: .....     | None            |
| Grade Level: .....      | 9 <sup>th</sup> |
| Length of course: ..... | 1 year          |
| Units or credits: ..... | 1               |

This course is designed for the college bound student who does not plan to pursue a math related career. It is study of rational numbers, irrational numbers, polynomials, and graphs. Solving equations and inequalities are stressed throughout the course. Application problems are included in conjunction with most areas of study.

## Algebra I Part I (College Prep)

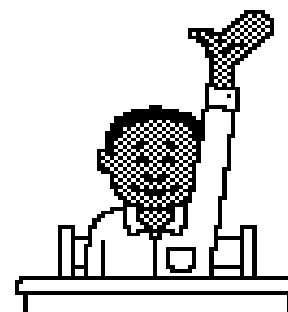
|                         |        |
|-------------------------|--------|
| Prerequisite: .....     | None   |
| Grade Level: .....      | 9th    |
| Length of course: ..... | 1 year |
| Units or credits: ..... | 1      |

This course is designed for the college bound student who does not plan to pursue a math related career. It is a study of rational numbers, irrational numbers, polynomials, and graphs. Solving equations and inequalities are stressed throughout the course. Application problems are included in conjunction with most areas of study. Algebra I Part II must be taken after this course to fulfill the state requirements for Algebra I.

## Algebra I Part II (College Prep)

|                         |                  |
|-------------------------|------------------|
| Prerequisite: .....     | Algebra I Part I |
| Grade Level: .....      | 10th             |
| Length of course: ..... | 1 year           |
| Units or credits: ..... | 1                |

This course is a continuation of Algebra I Part I general. Completion of this course fulfills the state requirement for Algebra I.



# Mathematics

## Math 180

Prerequisite: ..... Parent, counselor, or teacher recommendation  
Grade Level: ..... 9th  
Length of course: ..... 1 year  
Units or credits: ..... 1

Designed as an enrichment course for struggling math students. Includes tutoring, computer learning track, and groupwork..

## Financial Mathematics

Prerequisite: ..... Grades 11 or 12  
Length of course: ..... 1 year  
Units or credits: ..... 1

Financial mathematics provides a comprehensive knowledge of commercial mathematics. It provides the student with the background of essential information and experiences for use in such business subjects as accounting, business machines, consumer education, and other subjects in the field of business. A calculator is required.

## Geometry (Honors)

Prerequisite: ..... Algebra I Honors  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is an in-depth study of applying inductive and deductive reasoning to the study of geometric forms. It will include the same topics taught in Geometry. Supplementary material from the Advanced Placement Guide will be used.

## Geometry (College Prep)

Prerequisite: ..... Algebra I  
Length of course: ..... 1 year  
Units or credit: ..... 1

This is a study of congruent polygons, similar polygons, circles, parallel and perpendicular lines, areas, volumes, and an introduction to trigonometry. This course is designed to meet the needs of the college bound student who does not plan to pursue a math related curriculum.

## Geometry (Standard)

Prerequisite: ..... Teacher recommendation  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course will include topics from Geometry that will meet the needs of those students who plan to pursue a vocational career.

## Algebra II (Honors)

Prerequisite: ..... Algebra I Honors and Geometry Honors or teacher recommendation  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course involves the study of the same topics taught in Algebra II CP. It will also include systems of equations and inequalities, polynomials, and rational expressions. This course introduces matrices and conic sections.

## Algebra II (CP)

Prerequisite: ..... Algebra I or Algebra I Part 1 and Algebra I Part II  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course involves the study of the complex number systems, graphs, relations, and functions. The ability to solve open sentences, both equations and inequalities is stressed. It is designed to meet the needs of the college-bound student who does not plan to major in a math related curriculum.

## Advanced Math I and Advanced Math II (CP)

Prerequisite: ..... Algebra II  
Length of course: ..... ½ year each  
Units or credits: ..... ½ each

This course includes a semester of Trigonometry and one semester of Advanced Math. The trigonometry semester will include a study of trigonometric functions, circular functions, graphs, and identities. The advanced math semester will include a study of sequences, series, limits, function, polynomial equation, logarithms, conics, and imaginary numbers. This course is taught at a less accelerated pace than the honors course.

This course requires a scientific calculator..

## Advanced Math I and Advanced Math II (Honors)

Prerequisite: ..... Algebra II (Strongly recommend Algebra II Honors) or Teacher Recommendation  
Length of course: ..... ½ year each  
Units or credits: ..... ½ each

This course includes a semester of Trigonometry and one semester of Advanced Math. The trigonometry semester will include a study of trigonometric functions, circular function, graphs, and identities. The advanced math semester will include a study of sequences, series, limits, functions, polynomial equations, logarithms, conics, and imaginary numbers.

This course is designed for students who plan to pursue a math related career. A scientific calculator is required.

## Algebra III (Honors/Dual)

Prerequisite: ..... Algebra II honors and ACT of 22  
Length of course: ..... 1 year  
Units or credits: ..... 1

Course will cover radical expressions, rational exponents, complex numbers, quadratic absolute value, rational equations, systems of linear equations, inequalities, functions, conics, graphs, exponential, logarithmic function, applications, solution of right triangles, reduction formulas, functions multiple angles, trigonometric equations, inverse function and complex numbers. Students may earn 6 college hours in Math 101 and 112.

## Calculus AB AP

Prerequisite: ..... 4 years of math designed for college-bound students. Must have completed Advanced Math/Algebra III.  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is comparable to calculus courses in colleges and universities. The course is primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. This course will make use of technology by conducting research with the mobile computer lab, and by using graphing calculators to help solve problems, interpret results, and support conclusions. Students are required to take the AP exam in the spring.



# Physical Education

## Physical Education I

Prerequisites: ..... None  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course is required for freshmen or others needing to complete their first year of required physical education. The course will stress the importance and development of physical fitness through various activities. Activities will include aerobic circuits, team sports and lifetime sports. A physical fitness test will be given throughout the year to evaluate the student's progress and fitness level. All students are required to have gym shoes and a specified uniform which may be purchased for \$14.00. This fee is used to buy new equipment for the physical education class.

## Physical Education II

Prerequisites: ..... Health and Physical Education I  
Length of course: ..... 1 year  
Units or credits: ..... 1  
Same as Physical Education I, but required for sophomores or others needing to complete Physical Education II requirement.

## Physical Education III/IV

Prerequisites: ..... Physical Education II/III respectively  
Length of course: ..... 1 year  
Units or credits: ..... 1

## Physical Education G/B

Prerequisites: ..... None  
Length of course: ..... 1 semester  
Units or credits: ..... 1/2

## Health Education

Prerequisites: ..... None  
Length of course: ..... 1 semester  
Units or credits: ..... 1/2

This course is a full semester course--not blended with physical education--required for graduation effective beginning 1994-95 and thereafter for incoming freshmen. Content areas include drug education, HIV/AIDS, CPR, etc.

## First Responder

Prerequisites: ..... Health Education, Sophomore  
Length of course: ..... 1 semester  
Units or credits: ..... 1/2

This course is designed for the student planning to pursue the field of Emergency Medicine. Students will receive in-depth training for most medical emergencies. The student will also become a registered First Responder through the State of Louisiana and will obtain certification in CPR through the American Heart Association. Some of the topics to be covered include first aid, burn treatment, childbirth, patient extrication, human anatomy, AED training, and many others. Course requirements are that students must be at least of sophomore status and 15 years of age at the time of enrollment and 16 years of age to take the certification test. A \$10 class fee is assessed, which does not include certification fees.

## Sports Medicine I and II

Prerequisites: ..... Sophomore  
Length of course ..... 1 semester  
Units or credits ..... 1/2 each

This course is designed for students who have an interest in a medical field. It 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, fitness/conditioning/strength procedures. Students are required to complete 20 hours of clinical experience per semester. A \$10.00 class fee is required.

# Science

For graduating classes 2010 and 2011, three units of science are required for graduation. Beginning with the class of 2012, students must follow the "Louisiana Core 4" requirements. To meet graduation criteria, biology and two or three other science units must be passed, depends upon the year of graduation. These sciences may be chosen from the following courses offered by the science department: physical science, chemistry, physics, environmental science, horticulture, human anatomy and physiology, AP chemistry and research. It is recommended that students planning to take chemistry and physics begin high school science by taking physical science. Honor students in physical science, biology, and chemistry are required to complete a teacher assigned research project. All AP, honors and general courses are college preparatory. Most science courses require a lab fee and a teacher assigned and/or science fair project.

To qualify for an honor's level course during the next school year, a student MUST:

\* Make an 80 or higher for the year in the current Honors Science class or a 94 or higher for the year in the current College Prep Science class.

\* Score an average of 23 points out of the possible 27 points on Evaluations given by current teachers.

\* NO STUDENT will be allowed to "drop" the Science Honor's course after the official "drop" date until 2nd semester.

\* Any student who has a 69% or less at midterm will be automatically removed from the course and placed in a college prep course. College prep credit will then be

awarded for the entire year, not just the second semester.

\* All Honor's students are expected to follow the RHS HONOR CODE at all times.

## Physical Science (Honors)

Prerequisites: ..... Students planning to enroll in honors physical science must meet the following criteria:  
Mastery or above on 8th grade LEAP in science and math or teacher recommendation

Length of course: ..... 1 year  
Units or credits: ..... 1

Honors physical science serves as an introductory science to provide college bound students with a strong background in chemistry and physics before entering these courses at the advanced level. Topics considered include force and motion, energy and work, heat, machines, waves and sound, light, electricity, magnetism, behavior and classification of matter, atomic structure, and bonding. Emphasis is placed on scientific method, observation, lab experiences, and problem solving. The student is expected to have strong math skills. A teacher assigned science project is a requirement. Lab fee is \$5.00.

## Physical Science (College Prep)

Prerequisite: ..... None  
Length of course: ..... 1 year  
Units or credits: ..... 1

This course introduces students to a variety of topics which include: force and motion, energy and work, heat, machines, waves and sound, light, electricity and magnetism, behavior and classification of matter, atomic structure, and bonding. This course uses audiovisual media, demonstrations, lab experiences and application of mathematical skills. General physical science presents the basic principles of chemistry and physics. Lab fee is \$5.00.



# Science

## Physical Science (Standard)

Prerequisite: ..... Teacher/Counselor recommendation

Length of course: ..... 1 year

Units or credits: ..... 1

This course includes the principles and facts of physical science as they relate to life. Included in this course are: measurement, motion, classification of matter, changes in matter, sound, light, and energy. Concepts are emphasized through hands-on use of equipment and the process skills as they relate to the understanding of our physical world. Lab fee is \$5.00.

## Biology I (Honors)

Prerequisites: ..... Students planning to enroll in honors Biology must meet the following criteria:  
Must have taken honors Physical Science or teacher recommendation.

Length of course: ..... 1 year

Units or credits ..... 1

Honors biology is designed to provide preparation for advancement into higher level sciences. Emphasis is placed on the process of scientific inquiry which will allow a student to interpret and apply scientific knowledge. This course includes the study of principles concerning origin, development, structure, function, reproduction, distribution, and relationship of living things. It includes four major areas of study: microbiology, ecology, zoology, and human biology. The student microscope is a basic tool and appropriate laboratory exercises are included with each unit. A teacher assigned research project is required. Lab fee is \$5.00.

## Biology I (College Prep)

Prerequisite: ..... None

Length of course: ..... 1 year

Units or credits: ..... 1

This course includes a general study of the principles concerning origin, development, structure, function, reproduction, distribution, and relationship of living things. The student microscope is a basic tool and appropriate laboratory exercises are included with units of study in microbiology, botany, zoology, and human biology. Emphasis is placed on the process of human inquiry which prepares the student to think objectively in solving problems encountered as a member of society. Lab fee is \$5.00.

## Biology I (Standard)

Prerequisite: ..... None

Length of course: ..... 1 year

Units or credits: ..... 1

This course is designed to allow a reasonable level of mastery in the following areas: use and care of a variety of scientific instruments, energy relationships of living organisms, genetics, anatomy and function of plants and animals, human biology and public health. Basic concepts are emphasized through reading and vocabulary while utilizing the process skills. Lab fee is \$5.00.

## Biology II (Honors); Human Anatomy And Physiology

Prerequisite: ..... Biology I and Chemistry, current science teacher recommendation

Length of course: ..... 1 year

Units or credits: ..... 1

This course is a fast-paced medical study of the human body. This course is designed for students who wish more detailed explanations of the human body beyond those already covered in the standard secondary school biology or health courses. Topics covered will include basic anatomy and physiology of the human body. Systems covered are skeletal, muscular, integumentary, digestive, circulatory, respiratory, nervous, and endocrine. A teacher assigned research project is required. Lab fee is \$5.00.

## Biology II (College Prep); Plant Science

Prerequisites: ..... Physical Science and Biology I or biology teacher recommendation

Length of course: ..... 1 year

Units or credits: ..... 1

This course is designed to be an introduction to a study of horticulture. Students learn about plant materials for landscape by designing and creating their own landscape design plan; floriculture by making their own corsages and flower arrangements; nursery crops and growing plants from propagation; turf management, fruits, and vegetables. The hands-on approach is an integral part of this course. Lab fee is \$5.00.

## Environmental Science (College Prep)

Prerequisites: ..... Biology I

Length of course: ..... 1 year

Units or credits: ..... 1

This course is designed to involve students with the relationship of man to his natural world. Topics investigated include the functioning of ecosystems, pollution, land management, population growth and control, and the role of government to our ecosystem. Lab fee is \$5.00.

## Physics (Honors)

Prerequisites: ..... Chemistry, completion of or current enrollment in Advanced Math, or permission of instructor

Length of course: ..... 1 year

Units or credits: ..... 1

Physics is the study of matter and energy. The course follows the logical sequential development of major physics principles beginning with the study of mechanics. It includes motion, heat, wave motion, sound, light, and electricity. Concepts are reinforced through laboratory experiences. Lab fee is \$5.00.

## Physics (College Prep)

Prerequisites: ..... Algebra II and Chemistry and Junior or Senior standing

Length of course: ..... 1 year

Units or credits: ..... 1

This course places emphasis on the practical application of the laws of physics to everyday life and technical job fields. Areas to be studied include mechanics, properties of matter, thermal energy, light, electricity, and atomic physics. Concepts are reinforced through laboratory experiences. Lab fee is \$5.00.

## Chemistry (Honors)

Prerequisites: ..... Physical Science, Biology I

Length of course: ..... 1 year

Units or credits: ..... 1

Chemistry is a physical science which deals with the study of matter and its chemical and physical changes. Included in this course is the study of descriptive chemistry, the periodic table, stoichiometry, chemical reactions, and gas laws. Concepts are emphasized by extensive laboratory work. College bound students are strongly advised to take chemistry as a third science. A teacher assigned project is a requirement. Lab fee is \$5.00.

## Chemistry (College Prep)

Prerequisites: ..... Physical Science, Biology I

Length of course: ..... 1 year

Units or credits: ..... 1

Chemistry is a physical science which deals with the study of matter and its chemical and physical changes. Included in this course is the study of descriptive chemistry, the periodic table, stoichiometry, chemical reactions, and gas laws. Concepts are emphasized by application through laboratory investigation. College bound students are strongly encouraged to take chemistry as a third science. Lab fee is \$5.00.

## Chemistry II (Honors/Dual)

Prerequisite: ..... Chemistry, Algebra II

Length of course: ..... 1 year

Units or credits: ..... 1

This is a second course in chemistry which deals with chemistry topics in a greater depth than is possible in a beginning chemistry. Strong emphasis is placed upon the relationship of selected chemistry topics to laboratory investigations. Topics will include equilibrium, oxidation-reduction, nuclear chemistry, and hydrocarbon chemistry. Problem solution is strongly emphasized and a scientific calculator is required. Students will earn a minimum of 6 credit hours. Lab fee is \$5.00.



# Science

## STEM Physical Science

Prerequisites: ..... Mastery or above on eighth grade LEAP in science and math

Length of Course: ..... 1 year

Units or Credits: ..... 1

STEM physical science serves as an enhanced science to provide college bound students with a strong foundation in STEM disciplines (science, technology, engineering, and math) before entering these courses at the advanced level. This initial course will provide in-depth investigations in chemistry and physics through strong university connections and partnerships. Topics will include force and motion, energy and work, heat, machines, waves and sound, light, electricity, magnetism, behavior and classification of matter, atomic structure, and bonding. Emphasis is placed on conceptual understanding through inquiry and project based learning, process skills, laboratory experiences, research, advances in technology, and applications in engineering and mathematics. Students will be expected to develop and utilize strong literacy skills in reporting and presenting research findings and project results. Each student will be required to submit one of his/her STEM projects in the school science fair. Lab fee is \$10.

## STEM Biology

Prerequisites: ..... Successfully complete STEM Physical Science with an 80 or better or score mastery or above on 8<sup>th</sup> grade LEAP in science and math

Length of Course: ..... 1 year

Units or Credits: ..... 1

STEM biology serves as an enhanced science to provide college bound students with a strong foundation in STEM disciplines (science, technology, engineering, and math) before entering these courses at the advanced level. This second course will provide in-depth investigations in microbiology, ecology, zoology, and human biology through strong university connections and partnerships. Topics will include cellular biology and related processes, the molecular basis of heredity, an analysis of biological evolution, interdependence and organization of organisms, and in-depth human anatomy with enhanced focus on personal and community health. Emphasis is placed on conceptual understanding through inquiry and project based learning, process skills, laboratory experiences, research, advances in technology, and applications in engineering and mathematics. Students will be expected to develop and utilize strong literacy skills in reporting and presenting research findings and project results. Each student will be required to submit one of his/her STEM projects in the school science fair. Lab fee is \$10.

## STEM Chemistry (Dual Enrollment capability)

Prerequisites: ..... Successfully complete STEM Physical Science and/or STEM Biology with an 80 or better. Student must score 23 or higher on the science reasoning of the PLAN or 24 or better on ACT science reasoning.

Length of Course: ..... 1 year

Units or Credits: ..... 1

STEM chemistry serves as an enhanced science to provide college bound students with a strong foundation in STEM disciplines (science, technology, engineering, and math) before entering these courses at the advanced level. This third course will provide in-depth investigations in numerical dimension, symbolic representation, atomic structure, structure and properties of matter, chemical reactions, and alternative energy production through strong university connections and partnerships. Topics will include an in-depth analysis of dimensional analysis, modern atomic theory, atomic organization and activity, colligative properties, periodic properties, solution science, taxonomy of bonding, organic structures and nomenclature, application of gas laws, comprehensive examination of chemical reactions, and related environmental issues. Emphasis is placed on conceptual understanding through inquiry and project based learning, process skills, laboratory experiences, research, advances in technology, and applications in engineering and mathematics. Students will be expected to develop and utilize strong literacy skills in reporting and presenting research findings and project results. Each student will be required to submit one of his/her STEM projects in the school science fair. Lab fee is \$10.

## STEM Robotics (Enhanced Elective)

Prerequisites: ..... 11 or 12<sup>th</sup> grade; has successfully completed physical science and biology with an 80 or better; enrolled in chemistry, biology II, or physics; must have teacher and counselor approval.

Length of Course: ..... 1 year

Units or Credits: ..... 1

STEM robotics serves as an enhanced science elective to provide college bound students with a strong foundation in STEM disciplines (science, technology, engineering, and math) before entering these courses at the advanced level. This elective course will provide in-depth exploration and investigation into fundamentals of robotics and robotics systems. Topics will include geometric transformations in 3-D space, forward and inverse kinematics and dynamics, trajectory generation, robotic languages, and programming using various sensors and probes. Emphasis is placed on conceptual understanding through inquiry and independent project-based learning, process skills, laboratory experiences, research, advances in technology, and applications in engineering and mathematics with a peripheral focus on cyber science. Students will be expected to develop and utilize strong literacy skills in reporting and presenting research findings and project results; in addition, students will engage in robotics competitions locally and regionally. Each student will also be required to mentor a small group of middle grades students through the sharing of his/her experiences in the development of a robotics project. Lab fee is \$20.

## STEM Forensics

Prerequisites: ..... 11<sup>th</sup> or 12<sup>th</sup> grade: has successfully completed physical science and biology with an 80 or better; enrolled in chemistry, biology II, or physics; must have teacher and counselor approval.

Length of Course: ..... 1 yr

Units or Credits: ..... 1 yr

STEM Forensics serves as an enhanced science elective to provide college bound students with a strong foundation in STEM disciplines (science, technology, engineering, and math) before entering these courses at the advanced level. This elective course will provide in depth exploration and investigations into the fundamentals of crime scene analysis with real life application of biology, chemistry and physics. Topics will include problem solving, crime scene management, fingerprint collection and analysis, forensic anthropology, forensic odontology, forensic pathology, and blood spatter analysis. Emphasis is placed on conceptual understanding through inquiry and independent project-based learning, process skills, laboratory experiences, research, advances in technology, and applications in engineering and mathematics. Students will be expected to develop and utilize strong literacy skills in reporting and presenting findings and project results. Lab fee is \$20.

## STEM Marine Biology

Prerequisites: ..... 11<sup>th</sup> or 12<sup>th</sup> grade: has successfully completed physical science and biology with an 80 or better; enrolled in chemistry, biology II, or physics; must have teacher and counselor approval.

Length of Course: ..... 1 yr

Units or Credits: ..... 1 yr

STEM Marine Biology serves as an enhanced science elective to provide college bound students with a strong foundation in STEM disciplines (science, technology, engineering, and math) before entering these courses at the advanced level. Jump in and explore the wonders of the ocean world with STEM Marine Science. Throughout the course of the year we will cover such topics as marine life and ecosystems, ocean topography, beach and coastal areas, physical and chemical oceanography, our impact on the ocean, and the conservation of this precious resource. STEM Marine Science is designed to challenge students through hands on, inquiry and project based activities, laboratory experiences, use of advanced technologies, research projects and presentations. Emphasis is placed on conceptual understanding through inquiry and independent project-based learning, process skills, laboratory experiences, research, advances in technology, and applications in engineering and mathematics. Students will be expected to develop and utilize strong literacy skills in reporting and presenting findings and project results. Lab fee is \$20.



# Social Studies

To qualify to enter an honor's level course during the next school year, a student **MUST**:

1. Earn an 80% or better in the first semester of the current course. For instance, a freshman must have earned at least 80% in the first semester of 8th grade Louisiana History.
2. Score Basic or above on LEAP (8th grade), I-LEAP, GEE, or EOC Test.
3. Gain a teacher recommendation rating of satisfactory or better.

If the end-of-course grade in the current social studies class is lower than 80%, that student will not be eligible to enter an honor's level course for the next academic year.

A student who does not meet the honors requirements yet chooses to take an honors course must sign a contract that will include the teacher's and parent's signature.

If a student elects to enroll in an honor's course against school policy, that student and his parent must understand that honors' courses are rigorous and demanding. Participation in honors' classes is a choice. Therefore, honors students **MUST** maintain an 80% or better average at all times to remain in the course without a parental conference and **MUST** remain in the course throughout the year. If a student earns a 70-79% as a semester grade in an honor's course, a conference with the student, parent/guardian, counselor, and teacher must be held to determine whether a student remains in the honor's course or not. **NO** student will be allowed to "drop" the Honors course after the official "drop" date before the beginning of the second semester.

If a student has a 69% or less at midterm, he or she will automatically be removed from the honors course and placed in a college prep level course for the second term. College prep credit will then be awarded for the entire year, not just the second semester. Students may request honors courses again for the next academic year, but they must have maintained an A average in the CP class during the second semester and they must meet the qualifying criteria listed above.

## World Geography (College Prep)

Prerequisite: ..... None  
Length: ..... 1 year (freshmen)  
Unit of Credit: ..... 1 credit

This course is a study of people, places and environment from a physical and cultural perspective. Through a variety of classroom activities, students will gain an appreciation and understanding of the interdependent world in which they live. Students will analyze and evaluate the connection between their local and global communities. The course will emphasize the practical and responsible application of geography to life situations. Students will be required to read one to two collaterals totaling least 300 pages.

## World Geography (Honors)

Prerequisite: ..... Earn an 80% or better in 8th grade social studies, score Basic or above on the 8th grade LEAP, and gain a teacher recommendation rating of satisfactory or better.  
Length: ..... 1 year (freshmen)  
Unit of Credit: ..... 1 credit

This course is a study of people, places and environment from a physical and cultural perspective. Through a variety of classroom activities, students will gain an appreciation and understanding of the interdependent world in which they live. Students will analyze and evaluate the connection between their local and global communities. The course will empha-

size the practical and responsible application of geography to life situations. Students will be required to read two to three outside collaterals totaling at least 600 pages.

## Civics (College Prep)

Prerequisite: ..... None  
Length: ..... 1 year (sophomores)  
Unit of Credit: ..... 1 credit

The main focus of Civics is on the American system of participatory government. The course provides students with an in-depth study of the principles on which the U.S. system of government was founded, the structure of the U.S. government and how it functions, the domestic and international roles of the U.S. government, and how the U.S. government compares to other forms of government. Students are also expected to analyze and evaluate U.S. domestic and foreign policies, various law and amendments, and the importance of participating in a constitutional democracy. Students will be required to read one to two collaterals totaling least 300 pages. A \$4.00 fee is charged for Upfront magazine.

## Civics (Honors)

Prerequisite: ..... Earn an 80% or better in World Geography, xcore Basic or above on the iLEAP, and gain a teacher recommendation rating of satisfactory or better.  
Length: ..... 1 year (sophomores)  
Unit of Credit: ..... 1 credit

The main focus of Civics is on the American system of participatory government. The course provides students with an in-depth study of the principles on which the U.S. system of government was founded, the structure of the U.S. government and how it functions, the domestic and international roles of the U.S. government, and how the U.S. government compares to other forms of government. Students are also expected to analyze and evaluate U.S. domestic and foreign policies, various law and amendments, and the importance of participating in a constitutional democracy. Students will be required to read one to two collaterals totaling least 300 pages. A \$4.00 fee is charged for Upfront magazine.

## Civics (AP-Advanced Placement)

Prerequisite: ..... Earn an 80% or better in World Geography and any other social studies course taken prior, score Basic or above on the iLEAP, and gain a teacher recommendation rating of satisfactory or better.  
Length: ..... 1 year (sophomores, juniors, seniors)  
Unit of Credit: ..... 1 credit

This high-school level course will give students the analytical perspective on government and politics in the United States. The course will cover six broad themes: constitutional foundations; political beliefs and behaviors; political parties, interest groups, and mass media; institutions of national government; public policy; and civil rights and civil liberties. The purpose of this course is to prepare students to be active and engaged citizens in American democracy. Also, this course will prepare students to take the Advanced Placement United States Government and Politics exam in May. Students will be expected to do outside reading, homework, research and in-depth analysis and discussion of course material. A college level textbook will be used and taking the AP exam is required. Students will be required to read two to three collaterals.

## U.S. American History (College Prep)

Prerequisite: ..... None  
Length: ..... 1 year  
Unit of Credit: ..... 1 credit

U.S. history begins with a focus on late nineteenth-century industrialization and urbanization of American and concludes with a focus on contemporary issues and challenges in the United States. Students use what they learned in 7th grade (U.S. history to 1877) as a basis for their study, understanding, and analysis of later history. Students will be required to read one to two collaterals.



# Social Studies

## U.S. American History (Honors)

Prerequisite: ..... Earn an 80% or better in World Geography and Civics, score Basic or above on the iLEAP and GEE., and gain a teacher recommendation rating of satisfactory or better.

Length: ..... 1 year

Unit of Credit: ..... 1 credit

U.S. history begins with a focus on late nineteenth-century industrialization and urbanization of American and concludes with a focus on contemporary issues and challenges in the United States. Students use what they learned in 7th grade (U.S. history to 1877) as a basis for their study, understanding, and analysis of later history. Students will be required to read two to three collaterals. More outside projects and homework is required than in the college prep course.

## U.S. American History (Dual Enrollment)

Prerequisite: ..... Earn an 80% in World Geography and Civics, score Basic or above on the iLEAP and GEE, gain a teacher recommendation rating of satisfactory or better, and have an ACT of 18 or higher.

Length: ..... 1 year

Unit of Credit: ..... 1 credit

U.S. history begins with a focus on late nineteenth-century industrialization and urbanization of American and concludes with a focus on contemporary issues and challenges in the United States. Students use what they learned in 7th grade (U.S. history to 1877) as a basis for their study, understanding, and analysis of later history. Students will be required to read two to three collaterals. More outside projects and homework is required than in the college prep course. A college textbook will be used. Students taking the course may earn 6 hours of college credit in History 201 and 202 through Louisiana Tech University, which may transfer to other select universities.

## U.S. American History (Advanced Placement)

Prerequisite: ..... Earn an 80% in World Geography and Civics, score Basic or above on the iLEAP and GEE, gain a teacher recommendation rating of satisfactory or better, and sign a statement of understanding about requirements and responsibilities.

Length: ..... 1 year

Unit of Credit: ..... 1 credit

U.S. history begins with a focus on late nineteenth-century industrialization and urbanization of American and concludes with a focus on contemporary issues and challenges in the United States. Students use what they learned in 7th grade (U.S. history to 1877) as a basis for their study, understanding, and analysis of later history. Students will be required to read two to three collaterals. More outside projects and homework is required than in the college prep course or honors course. A college textbook will be used. Students will be required to take the AP exam.

## Free Enterprise (College Prep)

Prerequisite: ..... None

Length: ..... 1 year (seniors)

Unit of Credit: ..... ½ credit

The focus of Free Enterprise is on fundamental economics concepts, the U.S. economic system, and the international economic system from a variety of viewpoints: personal, local, national and global. Students learn to employ economic decision-making skills as they prepare for the world of work as producers, investors, and consumers. The role of government, international trade, and global competition are also addressed. Students will be required to read one to two collaterals.

## Free Enterprise (Honors)

Prerequisite: ..... Earn an 80% or better in World Geography, Civics and U.S. History, score Basic or above the iLEAP, and gain a teacher recommendation rating of satisfactory or better.

Length: ..... 1 year (seniors)

Unit of Credit: ..... ½ credit

The focus of Free Enterprise is on fundamental economics concepts, the U.S. economic system, and the international economic system from a variety of viewpoints: personal, local, national and global. Students learn to employ economic decision-making skills as they prepare for the world of work as producers, investors, and consumers. The role of government, international trade, and global competition are also addressed. Students will be required to read one to two collaterals.

## World History (College Prep)

Prerequisite: ..... None

Length: ..... 1 year

Unit of ..... Credit: 1 credit

World History begins with a focus on the period of exploration and expansion and concludes with contemporary world trends and issues. Strong emphasis is placed on the impact of European events and developments on world history as a whole. Students will be required to read one to two collaterals. Outside projects, research and homework are part of the class.

## World History (Honors)

Prerequisites: ..... Earn an 80% in World Geography, Civics and U.S. History, score Basic or above on the iLEAP and GEE, and gain a teacher recommendation rating of satisfactory or better.

Length: ..... 1 year

Unit of Credit: ..... 1 credit

World History begins with a focus on the period of exploration and expansion and concludes with contemporary world trends and issues. Strong emphasis is placed on the impact of European events and developments on world history as a whole. Students will be required to read two to three collaterals. Outside projects, research and homework are part of the class.

## World History (Dual Enrollment)

Prerequisites: ..... Earn an 80% in World Geography and Civics, score Basic or above on the iLEAP and GEE, gain a teacher recommendation rating of satisfactory or better, and have an ACT of 18 or higher.

Length: ..... 1 year

Unit of Credit: ..... 1 credit

World History begins with a focus on the period of exploration and expansion and concludes with contemporary world trends and issues. Strong emphasis is placed on the impact of European events and developments on world history as a whole. Students will be required to read two to three collaterals. Outside projects, research and homework are part of the class. A college textbook will be used. Students taking the course may earn 6 hours of college credit in History 101 and 102 through Louisiana Tech University, which may transfer to other select universities.

## World History (Advanced Placement)

Prerequisite: ..... Earn an 80% in World Geography and Civics, score Basic or above on the iLEAP and GEE., gain a teacher recommendation rating of satisfactory or better, and sign a statement of understanding about requirements and responsibilities

Length: ..... 1 year

Unit of Credit: ..... 1 credit

World History begins with a focus on the period of exploration and expansion and concludes with contemporary world trends and issues. Strong emphasis is placed on the impact of European events and developments on world history as a whole. Students will be required to read two to three collaterals. Outside projects, research and homework are part of the class. A college textbook will be used. Students taking the course must take the AP exam.



# Social Studies

## African-American Studies

Prerequisite: ..... None  
Length: ..... 1 semester  
Unit of Credit: ..... 1/2 credit

This course examines African American history emphasizing the role of African American leaders, the struggle against oppression, and the evolution of race relations. Although covering an extensive period of time, central themes will help connect the parts to the whole, revealing an overall picture of African American culture and its importance to American social and political development. One or two collaterals will be required for the students to read.

## Louisiana History

Prerequisite: ..... None  
Length: ..... 1 semester  
Unit of Credit: ..... 1/2 credit

This course is a general survey of the political, economic, social, and cultural development of Louisiana. It covers the time of the earliest inhabitants to present day.

## Sociology

Prerequisite: ..... 10th - 12th  
Length: ..... 1 year  
Unit of Credit: ..... 1/2 credit

The course is the study of relationships between people. It covers topics such as personality, family, marriage, crime, culture and minorities.

## Psychology

Prerequisite: ..... 10th - 12th  
Length: ..... 1 year  
Unit of Credit: ..... 1/2 credit

Psychology is the study of human behavior and mental processes including how humans observe, describe, explain and predict human behavior. Human development and its effect on learning, thinking, personality, and social relationships is examined.

# Special Education

Each student's instructional program will be progressive and individualized according to the student's capabilities. This curriculum will prepare the student for the transfer to adulthood. Through a problem solving approach, the student will learn skills needed in order to function successfully in a college, home, community and/or work setting.

## Study Skills

Prerequisite: ..... Must be working towards a diploma  
Grade level: ..... 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> graders  
Length of course: ..... 1 year  
Units or credits: ..... 1

This is a resource class designed to provide individualized instruction for assistance in the regular school curriculum. This is a credit class for up to 4 credits.

## Vocational Language

Prerequisite: ..... None  
Grade level: ..... 9<sup>th</sup> and 10<sup>th</sup>  
Length of course: ..... 1 year  
Units or credits: ..... Certificate credit

This course is designed to increase skills in vocabulary, comprehension, spelling mechanics, grammar usage, and composition.

# Special Education

## Vocational Math

Prerequisite: ..... None  
Grade level: ..... 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup>  
Length of course: ..... 1 year  
Units or credits: ..... Certificate credit

This course is designed to develop math skills in the areas of money management required for everyday life. It provides the student with a background of essential information and experience for use in budgeting, purchasing, taxes, and banking skills. This class will also introduce the student to skills needed for credited math classes.

## Functional Vocational

Prerequisite: ..... None  
Grade level: ..... 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>  
Length of course: ..... 1 year  
Units or credits: ..... Certificate credit

This course is designed for career exploration. Students are given short units in different careers.

## Functional Living

Prerequisite: ..... None  
Grade level: ..... 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup>  
Length of course: ..... 1 year  
Units or credits: ..... Certificate credit

This course is designed to provide practice in skill areas that are necessary to effectively and efficiently manage a household. Functional Living will review such skills as food purchasing and planning, preparing and serving family meals, purchasing household goods, home maintenance and repairs and clothing care as well as financial needs associate with the above.

## CBVT I and II

Prerequisite: ..... None  
Grade level: ..... 11<sup>th</sup> and 12<sup>th</sup>  
Length of course: ..... 1 year  
Units or credits: ..... Certificate credit

Students receive unpaid job training in the community through Community Based Vocational Training. This will give the student work experience in several job areas and give job references for their future employment applications.

## Career Exploration

Prerequisite: ..... None  
Grade level: ..... 9<sup>th</sup> and 10<sup>th</sup>  
Length of course: ..... 1 year  
Units or credits: ..... Certificate credit

This course is designed to prepare students for the world of work. Units include goal setting, decision making, appropriate dress for work, work etiquette, and career research.

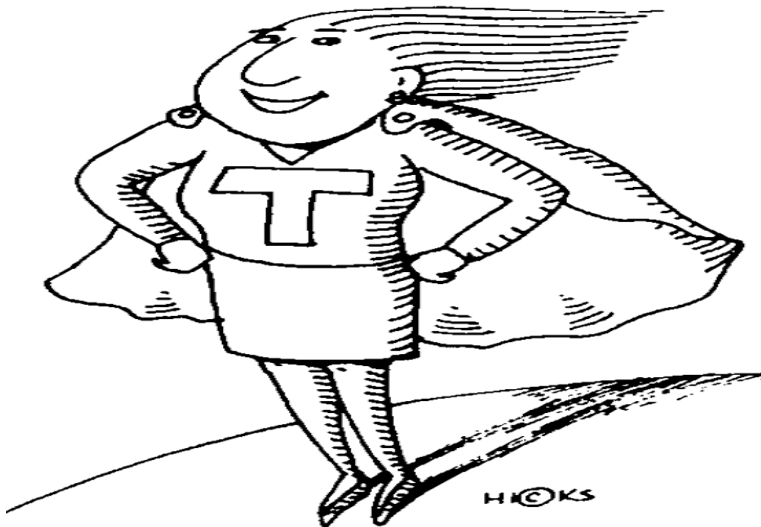
| TRIAL REGISTRATION SCHEDULE |                  |                  |
|-----------------------------|------------------|------------------|
| Subject                     | Length of course | Units or credits |
| 1. _____                    |                  |                  |
| 2. _____                    |                  |                  |
| 3. _____                    |                  |                  |
| 4. _____                    |                  |                  |
| 5. _____                    |                  |                  |
| 6. _____                    |                  |                  |
| 7. _____                    |                  |                  |



# Credit Recovery

The Credit Recovery Program is specifically designed to offer students a second chance at a quality program of learning. Students who are credit deficient in a content course due to a failure may be assigned to the Credit Recovery Program. Students work independently with minimal teacher assistance on a subject assigned by a school counselor. The lab offers a variety of course selections and each course is designed to take a student approximately twelve to fourteen weeks to complete. Students MUST score 80% or above in order to move on. The student is awarded one-full credit after satisfactorily completing the assigned subject and passing a state approved exam.

With counselor's approval, any RHS student who has taken a course and failed it may be admitted to the program as long as space allows. Once a student is enrolled, the student, his or her parents or guardians, Guidance Counselor and Lab Supervisor will design an Academic/Behavioral Contract that will best fit the student's academic and personal needs. In order for participation, all parties must be in agreement and must sign this contract. Stated in this contract will be performance minimums; Satisfactory Academic Performance (SAP) is 80% or above. Any student failing to meet the SAP or failing the exam will be ineligible for credit.



# Study Skills

## ACT Test Preparation

Prerequisite: ..... None  
Grade level: ..... 11 – 12  
Length of course: ..... 1 semester  
Units or credits: ..... 1/2

This course will provide opportunities for students to expand their general knowledge in four academic areas (math, science, reading and English) which are included on the ACT Test and other standardized tests.



# Louisiana Technical College Ruston Campus

**OFF-CAMPUS-LTC-Ruston and the other LTC Region 8 Campuses invite all 11th and 12th graders to investigate "Work Skills" training on the LTC campuses. LTC Ruston offers Certified Nurse Assistant, Forestry, Industrial Maintenance Technology, and Welding. Semester begins as follows:**

|        |                   |                          |
|--------|-------------------|--------------------------|
| Fall   | August - December | 15 weeks/450 clock hours |
| Spring | January - May     | 15 weeks/450 clock hours |

## Welding Voc (CP or Honors/Dual)

Prerequisite: ..... None  
Length of course: ..... Full year  
Units or credits: ..... Amount of credit awarded is based on hours of attendance. See introduction.

Arc welding will be the major thrust of the course. Flame cutting, both freehand and machine cutting, will be learned. Advanced students can go into microwire, heli-arc, and pipe welding. Blueprint reading is a related area of the course. "Live" work along with basic welding specimens will be required. Personal "tools of the trade" needed by a welding student are welding hood, wire brush, shipping hammer, cutting goggles, 6' steel tape, and safety glasses which must be purchased by the student.

## Forestry Voc (CP or Honors/Dual)

Prerequisite: ..... None  
Length of Course: ..... Full year  
Units of credit: ..... Amount of credit awarded is based on hours of attendance.

Course includes collecting and processing forest measurements in order to make wise economic and environmental choices for forest land. In field laboratories, the student learns to use specific equipment for measuring trees and logs in the forest environment; how to record and process the data collected; and the theory behind methodology used to collect and process the data.

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