

(Last) (First) (Middle)

HOMEROOM TEACHER _____



FONTAINEBLEAU HIGH SCHOOL

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Lori Engande—11th Grade
Alison Meyer—12th Grade
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SCHEDULING GUIDE 2010-2011 Ninth Grade

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INTRODUCTION

The purpose of this guide is to help students and their parents make better decisions concerning their high school courses based upon graduation requirements, college requirements, TOPS requirements and Academic and/or Career Endorsements.

Though school personnel will attempt to locate and correct any errors, it is the students' responsibility to select the courses, keep copies of records and plan their schedule to meet all the requirements needed.

EOC (End -Of- Course)

All public high school students will be required to take the state EOC tests. The EOC tests will assess student learning in the following courses: Algebra I, English II, Geometry, Biology, English III, and American History. Students must pass three EOC tests in the following categories:

- English II or English III
- Algebra I or Geometry
- Biology or American History

This requirement is in addition to the required number of Carnegie Units. Students have numerous opportunities to retake any EOC test not passed.

GRADE CLASSIFICATION

Students are not promoted mid-year.

| | |
|---------------|---------------|
| Grade 9..... | 0-4.5 credits |
| Grade 10..... | 5 credits |
| Grade 11..... | 11 credits |
| Grade 12..... | 17 credits |

PLACEMENT IN COURSES

Placement in courses is determined by student ability and teacher recommendation. Student ability is determined by results of standardized tests, criterion reference tests, placement tests, past academic achievement, and teacher recommendation. FHS operates on a seven period day. Classes are scheduled on a semester basis. Each semester course will be viewed as a new course.

SPECIAL EDUCATION DEPARTMENT

Special Education, Gifted and Talented courses offered are designed to meet the individual needs of exceptional students. A determination of the course of study will be made on the student's Individualized Educational Plan (IEP). Exceptional students are served in resource rooms, self-contained and inclusion settings.

AP COURSES

AP courses are college level courses offered in the high school for qualified students who are interested in pursuing a comprehensive program of study. **Students who schedule these courses are encouraged to take the AP Examination near the end of the course.** The score reported on the examination and each college's policy regarding AP will determine whether college credit will be granted for the work.

COLLEGE CREDIT COURSES

College credit is offered from various post secondary institutions through dual enrollment, concurrent enrollment and articulation while attending FHS.

INDUSTRY-BASED CERTIFICATION

Industry-based certification can be obtained by meeting the minimum requirements that are available through courses offered at FHS.

SHORT DAY

Seniors with a minimum of 19 credits may opt for short day. Seniors must schedule a minimum of 5 classes and complete the required forms before permission will be granted.

WEIGHTED GRADE POLICY AND COURSES

Students enrolled in designated honors, gifted and Advanced Placement courses will receive an extra quality point according to the following scale.

$$A = 5 \quad B = 4 \quad C = 3 \quad D = 1 \quad F = 0$$

The senior class of 2009 and thereafter will receive an extra quality point in a maximum of 16 courses from the designated list below..

English

- English I (H) (G)
- English II (H) (G)
- English III (H) (G) (AP)
- English IV (H) (G) (AP)

Mathematics

- Algebra I (H) (G)
- Geometry (H) (G)
- Algebra II (H) (G)
- Advanced Math I (H) (G)
- Advanced Math II (H) (G)
- Calculus (H) (G)
- Calculus AB (AP)
- Calculus BC (AP)

Science

Physical Science (H) (G)
 Biology (H) (G)
 Chemistry (H) (G)
 Physics (H) (G) (AP)
 Biology II (H) (AP)
 Anatomy & Physiology (H)
 Chemistry II

Social Studies

World Geography (H) (G)
 Civics (H) (G)
 Free Enterprise (H) (G)
 American History (H) (G) (AP)
 Western Civilization (H) (G) (AP)
 Psychology (H)
 American Government (H) (AP)
 World History (H) (G)

RANK-IN-CLASS POLICY

Rank in class will be based upon the quality points earned on a maximum of 28 credits and no more than 16 weighted classes in all high school subjects.

All St. Tammany **students shall attempt 3.5 credits each semester** in 9th, 10th and 11th grades. Students electing to take a short day schedule in the senior year will negatively impact their class rank.

HONOR GRADUATES

Honor graduates are recognized at commencement ceremony. Those students who rank-in the top of the class will be acknowledged.

SPECIAL HELP**Conference with Teachers:**

When parents want to talk with a teacher either by phone or in person, they may contact the office to make the appropriate arrangements or email the teacher through the school's website, www.fontainebleauhigh.stpsb.org. Teachers appreciate parents tele-

phoning or emailing rather than requesting a conference if the matter can be satisfactorily handled by telephone. Personal conferences are welcomed if the telephone conversation does not prove adequate.

To schedule a conference with several teachers, please contact the appropriate guidance counselor.

Conference with Counselor: Students wishing to see the counselor should sign in at the guidance office and wait to be called. Students may drop in to see the counselor in their office before school, during the lunch hour or after school. Parents must call and make an appointment when a personal conference is requested with the counselor.

SUMMER SCHOOL

St. Tammany Parish offers summer school courses each year for a set fee. Repeat and new credit courses will be allowed for credit. A maximum of 1 credit can be earned in St. Tammany Parish summer school.

PARENTAL INVOLVEMENT

Fontainebleau encourages regular, two-way, and meaningful communication between parents and staff involving student academic learning and extracurricular activities. This communication ensures

- that parents play an integral role in assisting with their child's learning;
- that parents are encouraged to be actively involved in their child's education at school;
- that parents are full

partners in their child's education and are included, as appropriate, in decision-making and on advisory committees to assist in the education of their child.

GLOSSARY OF TERMS

Elective: An optional course in the school curriculum used as the primary or related course needed in the chosen Career Cluster and Area of Concentration. (refer to pages 8-21)

Grade Point Average (GPA): Determined by the number of quality points earned divided by the number of credits attempted.

Prerequisite: A requirement that is necessary beforehand; i.e., English I before English II.

Quality Points: Numerical designation assigned to letter grades, used to determine GPA and class rank.

A=4 B=3 C=2 D=1 F=0

Recommendation Course: Students must be approved for this course by teachers and/or counselors according to test scores and grades.

Course Symbol Descriptions

Y...a course offered for two consecutive semesters (a 2 semester, 1-year course)

A...the first semester of a Y course (with a few exceptions)

B...the second semester of a Y course

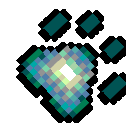
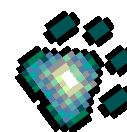
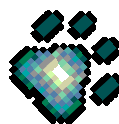
S...a one semester course which may be taken either semester

H..Honors

G..Gifted

T..Talented

AP..Advanced Placement



TOPS TECH REQUIREMENTS

ACADEMIC & CAREER ENDORSEMENTS

| EARNED CREDIT | COURSES | CREDIT NEEDED |
|--|---|-------------------|
| | English I | 1 credit |
| | English II | 1 credit |
| | English III | 1 credit |
| | English IV or Business English | 1 credit |
| | Algebra I or Algebra I Pt. 1 & Pt. 2 | 1 credit |
| | Geometry, Algebra II, Pre-Calculus; Probability and Statistics | 2 credit |
| | Biology | 1 credit |
| | Chemistry or Applied Chemistry | 1 credit |
| | Earth Science, Environmental Science, Physical Science, Biology II, Physics or (Agriscience I and Agriscience II) | 1 credit |
| | American History | 1 credit |
| | Civics | .5 credit |
| | Free Enterprise | .5 credit |
| | World Geography or World History | 1 credit |
| Remaining courses must be selected from one of the two following options: | | |
| OPTION 1 | | |
| | Fine Arts Survey or (substitute two units of performance courses) or (one unit elective from among the core curriculum) | 1 credit |
| | Introduction to Business Computer Applications or (related computer course) or 1/2 unit from core curriculum | 1 credit |
| | Foreign Language I or Speech I | 1 credit |
| | Foreign Language II or Speech II (two units same language) | 1 credit |
| | TOTAL CORE CURRICULUM UNITS | 17 CREDITS |
| OR | | |
| OPTION II | | |
| | A career major comprised of a sequence of related specialty courses and approved for the school (5 year plan) | 4 credits |
| | Related or technical field course | 1 credit |
| | Basic computer course (IBCA) | 1 credit |
| | | |
| | TOTAL CORE CURRICULUM UNITS | 19 CREDITS |

| Academic | ENDORSEMENT REQUIREMENTS | Career |
|--|---|--------------------------------|
| YES/NO | Completion of LA Core 4 Curriculum / Graduation Requirements | YES/NO |
| | Completion of an Area of Concentration (4 Primary & 2 related courses) | YES/NO |
| YES/NO | 1 credit in Computer Course Name of Course _____ | YES/NO |
| ____ GPA | GPA (2.5 average or above) TOPS Core | ____ GPA |
| ____ ACT Score | ACT Score (23 or higher)-Academic ACT Score (20 or higher) - Career | ____ ACT Score |
| GEE Score – Basic or above on all 4 tests or one of the following combination with ELA Score at Basic or above: 1 Approaching Basic, 1 Mastery or Advanced, Basic or above in the remaining two - 2 Approaching Basic, 2 Mastery or above | | |
| | ELA Score _____ | |
| | Math Score _____ | |
| | Science Score _____ | |
| | Social Studies _____ | |
| YES/NO | Completed GEE Scores | YES/NO |
| YES/NO | FIVE YEAR PLAN COMPLETER | YES/NO |
| Career Cluster _____ | | |
| Area of Concentration _____ | | |
| PRIMARY COURSES: (4 CREDITS NEEDED) | | |
| _____ | | |
| _____ | | |
| RELATED COURSES (2 CREDITS-1 CREDIT MUST BE COMPUTER) | | |
| _____ | | |
| _____ | | |
| Senior Project OR College Credit OR AP Score | Senior Project OR 3 hours of Non remedial College credit in Core Area Course Name: _____ OR AP score of 3 or higher AP Course _____ Score _____ | / |
| / | Industry Based Certification Certification _____ OR 3 College Hours in Career Technical Course: _____ | Certification OR College Hours |
| / | 90 hours of Work Based Learning (Internship) OR Senior Project and 20 work hours | Internship OR Senior Project |

TOPS TECH REQUIREMENTS

| EARNED CREDIT | COURSES | CREDIT NEEDED |
|--|---|-------------------|
| | English I | 1 credit |
| | English II | 1 credit |
| | English III | 1 credit |
| | English IV or Business English | 1 credit |
| | Algebra I or Algebra I Pt1 and Pt 2 | 1 credit |
| | Geometry, Algebra II, Financial Math, Pre-Calculus | 2 credit |
| | Biology | 1 credit |
| | Chemistry or Applied Chemistry(Chem Com) | 1 credit |
| | Environmental Science, Agriscience I and Agriscience II, Earth Science, Physical Science, Biology II | 1 credit |
| | American History | 1 credit |
| | Civics | .5 credit |
| | Free Enterprise | .5 credit |
| | World Geography or World History | 1 credit |
| Remaining courses must be selected from one of the two following options: | | |
| | OPTION I | |
| | Fine Arts Survey or (substitute two units of performance courses) or (one unit elective from among the core curriculum) | 1 credit |
| | Introduction to Business Computer Applications or (related computer course) or 1/2 unit from core curriculum | 1 credit |
| | Foreign Language I or Speech I | 1 credit |
| | Foreign Language II, Speech II or Tech Writing (two units same language) | 1 credit |
| | TOTAL CORE CURRICULUM UNITS | 17 CREDITS |
| | OR | |
| | OPTION II | |
| | A career major comprised of a sequence of related specialty courses and approved for the school (5 year plan) | 4 credits |
| | Related or technical field course | 1 credit |
| | Basic computer course (IBCA) | 1 credit |
| | TOTAL CORE CURRICULUM UNITS | 19 CREDITS |

ACADEMIC & CAREER ENDORSEMENTS

| Academic | ENDORSEMENT REQUIREMENTS | Career |
|--|---|--------------------------------|
| YES/NO | Completion of LA Core 4 Curriculum / Graduation Requirements | YES/NO |
| | Completion of an Area of Concentration (4 Primary & 2 related courses) | YES/NO |
| YES/NO | 1 credit in Computer Course Name of Course _____ | YES/NO |
| ____ GPA | GPA (2.5 average or above) TOPS Core | ____ GPA |
| ____ ACT Score | ACT Score (23 or higher)-Academic ACT Score (20 or higher) - Career | ____ ACT Score |
| GEE Score – Basic or above on all 4 tests or one of the following combination with ELA Score at Basic or above: 1 Approaching Basic, 1 Mastery or Advanced, Basic or above in the remaining two - 2 Approaching Basic, 2 Mastery or above | | |
| | ELA Score _____ | |
| | Math Score _____ | |
| | Science Score _____ | |
| | Social Studies _____ | |
| YES/NO | Completed GEE Scores | YES/NO |
| YES/NO | FIVE YEAR PLAN COMPLETER | YES/NO |
| Career Cluster _____ | | |
| Area of Concentration _____ | | |
| PRIMARY COURSES: (4 CREDITS NEEDED) | | |
| _____ | | |
| _____ | | |
| RELATED COURSES (2 CREDITS-1 CREDIT MUST BE COMPUTER) | | |
| _____ | | |
| _____ | | |
| Senior Project OR College Credit OR AP Score | Senior Project OR 3 hours of Non remedial College credit in Core Area Course Name: _____ OR AP score of 3 or higher AP Course _____ Score _____ | |
| | Industry Based Certification _____ OR 3 College Hours in Career Technical Course: _____ | Certification OR College Hours |
| | 90 hours of Work Based Learning (Internship) OR Senior Project and 20 work hours | Internship OR Senior Project |
| YES/NO | ACADEMIC ENDORSEMENT | |
| YES/NO | CAREER ENDORSEMENT | |
| YES/NO | BOTH ENDORSEMENTS | |

4 Year Scheduling Worksheet

9th Grade

10th Grade

| | First Semester | Second Semester |
|---|---|--|
| 1 | English I | English I |
| 2 | Math | Math |
| 3 | Social Studies | Social Studies |
| 4 | Science | Science |
| 5 | Physical Education I | Physical Education I |
| 6 | IBCA | IBCA |
| 7 | FAS, Art, Music, Theater <u>or</u> Elective(5Yr Plan) | FAS, Art, Music, Theater <u>or</u> Elective(5 Yr Plan) |

| | First Semester | Second Semester |
|---|-----------------------------------|-----------------------------------|
| 1 | English II | English II |
| 2 | Math | Math |
| 3 | Social Studies | Social Studies |
| 4 | Science | Science |
| 5 | Physical Education II | Health |
| 6 | Foreign Lang I <u>or</u> Speech I | Foreign Lang I <u>or</u> Speech I |
| 7 | Elective (5Yr Plan) | Elective (5Yr Plan) |

11th Grade

12th Grade

| | First Semester | Second Semester |
|---|--|---|
| 1 | English III | English III |
| 2 | Math | Math |
| 3 | Social Studies | Social Studies |
| 4 | Science | Science |
| 5 | Foreign Lang II <u>or</u> Speech II | Foreign Lang II <u>or</u> Speech II |
| 6 | FAS, Art, Music, Theater <u>or</u> Elective (5Yr Plan) | FAS, Art, Music, Theater <u>or</u> Elective(5Yr Plan) |
| 7 | Elective (5Yr Plan) | Elective (5Yr Plan) |

| | First Semester | Second Semester |
|---|--|---|
| 1 | English IV | English IV |
| 2 | Math | Math |
| 3 | Social Studies | Social Studies |
| 4 | Science | Science |
| 5 | FAS, Art, Music, Theater <u>or</u> Elective (5Yr Plan) | FAS, Art, Music, Theater <u>or</u> Elective(5Yr Plan) |
| 6 | Elective <u>or</u> Education for Careers | Elective |
| 7 | Elective | Elective |

PRACTICE SCHEDULE CARD

The grid below is a practice chart for selecting courses for the 2010-2011 school year.

When choosing your courses, keep in mind Louisiana high school graduation requirements, TOPS requirements and Louisiana Career Cluster requirements.

| 1st SEMESTER | 2ND SEMESTER |
|---------------------|---------------------|
| COURSE NAME | COURSE NAME |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ALTERNATIVES

***Alternates must be selected. If they are not listed, the school will select them as necessary.

| 1st SEMESTER | 2ND SEMESTER |
|---------------------|---------------------|
| COURSE NAME | COURSE NAME |
| | |
| | |
| | |

SCHEDULING NOTES:

Introduction to Career Clusters

The Career Options Law — Five Year Plan According to ACT 1124 (1997)

Beginning in the 1998-99 school year, each student shall develop a Five-Year Educational Plan, with the input on his/her family, starting in the 8th grade and ending in the 12th grade. Such a plan shall include a sequence of courses, which is consistent with the student's stated goals for one year after graduation. Each student's Five-Year Educational Plan shall be reviewed annually thereafter by the student, parents, and school advisor and revised.

The Five-Year Educational Plan shall indicate the student's concentration of elective courses in a career major.

The course requirements for a career major shall consist of the following: at least 6 or more credits in an area of concentration consisting of 4 credits in Primary courses and 2 credits in Related courses of which one credit must be a computer technology course. (exception: 5 Primary and 1 Computer Course.)

On the following pages are each Career Cluster/Area of Concentration with recommendations on when to schedule the Primary and Related courses so that by the senior year the student can be a completer of the Five-Year Plan. This is used as a tool to help forecast the four years of electives in high school.

- The Primary Courses are **BOLD** (4 credits needed)
- The Related Courses are in *ITALICS* (2 credits needed-one must be a computer course)
- Courses with an (*) Asterisk are competency courses where at least one *Asterisk course must be completed as a Primary course.
- Courses that can be substituted for the Primary and Related courses selected are listed under the four-year sequence as Substitute Primary and Substitute Related courses.

In addition students shall meet state diploma requirements and, if applicable, TOPS scholarship requirements. Parents and students are responsible for ensuring that they meet diploma, TOPS and postsecondary requirements.

If a student utilizes the Senior Project as a related course, it must be related to the student's career major and area of concentration . Panel presentation is a requirement of the senior project.



Louisiana Career Clusters and Areas of Concentration

Career Cluster: **Agriculture, Food and Natural Resources**
Area of Concentration: **Agriculture Production/Management/Entrepreneurship**

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|------------------------------|----------------|----------------------------|----------------|
| *Agriscience I | 1 | *Agriscience II | 1 |
| <i>IBCA</i> | 1 | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| Horticulture I | .5 | Internship | 2 |
| Education for Careers | .5 | | |

Substitute Primary Courses: Small Animals I (.5), Small Animals II (.5), Welding I (1), Environmental Science (1), Principles of Business (1)

Substitute Related Courses: Principles of Marketing (.5), Speech I(1), Nutrition and Food (.5), Adv. Food and Nutrition (.5), Accounting I (1), Financial Math (1), Biology II (1), Chemistry (1), Physics (1), Entrepreneurship (.5), Fine Arts Survey (1), Principles of Business (1), World Geography (1), World History (1), Senior Project, All Foreign Language, All Computer Course



Career Cluster: **Agriculture, Food and Natural Resources**
Area of Concentration: **Horticulture**

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|-------------------------|----------------|----------------------------|----------------|
| Agriscience I | 1 | Agriscience II | 1 |
| <i>IBCA</i> | 1 | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| *Horticulture I | .5 | Internship | 2 |
| *Horticulture II | .5 | | |

Substitute Primary Courses: Education for Careers (.5)

Substitute Related Courses: Speech I (1), Business Law (.5), Accounting I (1), Principles of Business (1), Environmental Science (1), World Geography (1), Basic Technical Drafting (1), Biology II (1), Chemistry (1), Art I(1), Financial Math (1), Entrepreneurship (.5), Biology Elective (1), Senior Project, All Foreign Language, All Computer Courses



Career Cluster: **Architecture and Construction**
Area of Concentration: **Architecture**

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|-------------------------------------|----------------|------------------------------------|----------------|
| General Tech Education | 1 | *Basic Technical Drafting I | 1 |
| <i>IBCA</i> | 1 | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| *Advanced Technical Drafting | 1 | Internship | 2 |

Substitute Primary Courses: Education for Careers (.5)

Substitute Related Courses: Speech I (1), Principles of Business (1), Art III (1), Art IV (1), Fine Arts Survey (1), Physics (1), Financial Math (1), Pre-Calculus (1), Calculus (1), Entrepreneurship (.5), Senior Project, All Foreign Language, All Computer Courses

Career Cluster: Architecture and Construction
Area of Concentration: Drafting

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|-------------------------------------|----------------|------------------------------------|----------------|
| General Tech Education | 1 | *Basic Technical Drafting I | 1 |
| <i>IBCA</i> | 1 | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| *Advanced Technical Drafting | 1 | Internship | 2 |

Substitute Primary Courses: Education for Careers (.5)

Substitute Related Courses: Speech I (1), Principles of Business (1), Art I (1), Fine Arts Survey (1), Physics (1), Financial Math (1), Pre-Calculus (1), Entrepreneurship (.5), Senior Project, All Foreign Language, All Computer Courses



Career Cluster: Arts, A/V Technology and Communication
Area of Concentration: Journalism

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|-------------------------------------|----------------|------------------------------------|----------------|
| Speech I | 1 | *Publications (Newspaper) I | 1 |
| <i>IBCA</i> | 1 | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| *Publications (Newspaper) II | 1 | Desktop Publishing | .5 |
| Education for Careers | .5 | | |

Substitute Primary Courses: Web design (.5), *Publications (Yearbook) I, II (1), Computer Multimedia Presentation (1)

Substitute Related Courses: Art I (1), Principles of Business (1), Fine Arts Survey (1), Speech II (1), Sociology (.5), Advanced Technical Drafting (1), Social Studies Elective (1), English Elective (1), Entrepreneurship (1), Financial Math (1), Senior Project, All Foreign Language, All Computer Courses



Career Cluster: Arts, A/V Technology and Communication
Area of Concentration: Liberal Arts

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|------------------|----------------|----------------------------|----------------|
| *Art I | 1 | *Art II | 1 |
| <i>IBCA</i> | 1 | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| *Speech I | 1 | *Speech II | 1 |

Substitute Primary Courses: *Beginning Band (1), *Beginning Choir (1), *Theater I (1), Education for Careers (.5), Fine Arts Survey (1)

Substitute Related Courses: Publications (Newspaper) I, II (1), Publications (Yearbook) I, II (1), Principles of Business (1), Sociology (.5), Adv Tech Drafting (1), Entrepreneurship (.5), Financial Math (1), Psychology (1), Senior Project, All Foreign Language, All Computer Courses

Career Cluster: Arts, A/V Technology and Communication
Area of Concentration: Mass Communications

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|------------------------------|----------------|----------------------------|----------------|
| *Speech I | 1 | *Speech II | 1 |
| <i>IBCA</i> | 1 | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| Desktop Publishing | .5 | Computer Multimedia | 1 |
| Education for Careers | .5 | | |

Substitute Primary Courses: Publications (Newspaper) I, II (1), Publications (Yearbook) I, II (1), Web Design (.5), Internship (2)

Substitute Related Courses: : Art I, II, III, IV (1), Fine Arts Survey (1), Psychology (1), Sociology (.5), Principles of Business (1), World History (1), Financial Math (1), Entrepreneurship (.5), Advanced Technical Drafting (1), English Elective (1), Theater (1), Senior Project, All Foreign Language, All Computer Courses



Career Cluster: Arts, A/V Technology and Communication
Area of Concentration: Performing Arts

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|----------------------|----------------|----------------------------|----------------|
| Advanced Band | 1 | Advanced Band | 1 |
| <i>IBCA</i> | 1 | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| Advanced Band | 1 | Advanced Band | 1 |

Substitute Primary Courses: Percussion Ensemble (1), Wind Ensemble (1), Jazz Ensemble (1), Intermediate Band (1), Piano Class (1), Guitar Class (1), Beginning Choir (1), Advanced Choir (1), Small Vocal Ensemble (1), Talented Music I, II, III, IV (1), Talented Theater I, II, III, IV (1), Music Appreciation (1), Education for Careers (.5)

Substitute Related Courses: : Fine Arts Survey (1), Psychology (1), Sociology (.5), Principles of Business (1), World History (1), World Geography (1), Basic Tech Drafting (1), Financial Math (1), Entrepreneurship (.5), Art III (1), Senior Project, All Foreign Language, All Computer Courses



Career Cluster: Arts, A/V Technology and Communication
Area of Concentration: Entertainment Productions

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|-------------------|----------------|---------------------------------|----------------|
| *Theater I | 1 | Speech I | 1 |
| <i>IBCA</i> | 1 | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| Speech II | 1 | Computer Multimedia Prod | 1 |

Substitute Primary Courses: Internship (2), Education for Careers (.5)

Substitute Related Courses: : Fine Arts Survey (1), Psychology (1), Sociology (.5), Principles of Business (1), Art Elective (1), English Elective (1), Financial Math (1), Entrepreneurship (.5), Art I (1), Publications I (Newspaper, Yearbook) (1), General Tech Education (1), Senior Project, All Foreign Language, All Computer Courses

Career Cluster: Business, Management and Administration
Area of Concentration: Administrative Support

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|-------------------------------|----------------|----------------------------|----------------|
| *IBCA | 1 | *Accounting I | 1 |
| | | <i>French or Spanish I</i> | 1 |
| <u>Junior</u> | | <u>Senior</u> | |
| Principles of Business | 1 | Entrepreneurship | .5 |
| | | Business Law | .5 |

Substitute Primary Courses: *Business Computer Applications (1), Speech I (1), Financial Math (1), Desktop Publications (.5), Education for Careers (.5), Internship (2)

Substitute Related Courses: : Principles of Marketing (.5), Psychology (1), Sociology (.5), Publications (Newspaper) I (1), Publications (Yearbook) I (1), Pre-Calculus (1), Calculus (1), Business Elective (1), Senior Project, All Foreign Language, All Computer Courses



Career Cluster: Business, Management and Administration
Area of Concentration: Business Administration

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|------------------------------|----------------|--------------------------------|----------------|
| IBCA | 1 | *Accounting I | 1 |
| | | <i>French or Spanish I</i> | 1 |
| <u>Junior</u> | | <u>Senior</u> | |
| Education for Careers | .5 | *Principles of Business | 1 |
| Business Law | .5 | Principles of Marketing | .5 |
| | | Desktop Publishing | .5 |

Substitute Primary Courses: Financial Math (1), Entrepreneurship (.5), Business Computer Applications (1), Internship (2)

Substitute Related Courses: : Business Education Elective (1), Psychology (1), Sociology (.5), Pre-Calculus (1), Calculus (1), Probability & Statistics (1), Speech II (1), Law Studies (.5), World Geography (1), World History (1), Senior Project, All Foreign Language, All Computer Courses,



Career Cluster: Education and Training

Area of Concentration: Advanced Studies (Courses in the core must be above the graduation requirements!)

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|-----------------------------|----------------|----------------------------|----------------|
| <i>IBCA</i> | 1 | French or Spanish I | 1 |
| <i>Art I</i> | 1 | | |
| <u>Junior</u> | | <u>Senior</u> | |
| Fine Arts Survey | 1 | Calculus | 1 |
| French or Spanish II | 1 | Physics | 1 |

Substitute Primary Courses: All Foreign Language (1), Education for Careers (.5), Pre-Calculus (1), World Geography (1), World History (1), Biology II (1), Chemistry (1), Environmental Science (1), Algebra II (1), Probability & Statistics (1), Geometry (1), Computer Science (1), All A.P, Honors, Gifted Courses that exceed the graduation requirements

Substitute Related Courses: : STAR I (1), Speech I (1), Art I (1), Principles of Business (1), Psychology (1), Sociology (.5), Law Studies (.5), Entrepreneurship (.5), American Government (1), Financial Math (1), Science Elective (1), Chemistry (1), Publications (Newspaper) I (1), Publications (Yearbook) I (1), Senior Project, All Computer Course



Career Cluster: Education and Training

Area of Concentration: Education

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|-------------------|----------------|-------------------------------|----------------|
| Speech I | 1 | Child Development | .5 |
| <i>IBCA</i> | 1 | Adv. Child Development | .5 |
| | | <i>French or Spanish I</i> | 1 |
| <u>Junior</u> | | <u>Senior</u> | |
| Psychology | 1 | *STAR I | 1 |

Substitute Primary Courses: Speech II (1), Education for Careers (.5), Internship (2), Sociology (.5)

Substitute Related Courses: Art I (1), Principles of Business (1), Entrepreneurship (.5), Financial Math (1), Fine Arts Survey (1), Chemistry (1), Algebra II (1), Calculus (1), World History (1), Biology II (1), Physics (1), Pre-Calculus (1), Probability & Statistics (1), First Responder (1), Senior Project, All Foreign Language Courses, All Computer Courses



Career Cluster: Government and Public Administration
Area of Concentration: JROTC

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|-------------------|----------------|----------------------------|----------------|
| *JROTC I | 1 | *JROTC II | 1 |
| <i>IBCA</i> | 1 | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| *JROTC III | 1 | *JROTC IV | 1 |

Substitute Primary Courses: Law Studies (.5), World Geography (1), Education for Careers (.5), American Government (1)

Substitute Related Courses: : Speech I (1), Principles of Business (1), World History (1), Social Studies Elective (1), Sociology (.5), Psychology (1), First Responder (.5), P.E. III (1), Physics (1), Biology II (1), Financial Math (1), Business Law (.5), Entrepreneurship (.5), JROTC Elective (.5), Senior Project, All Foreign Language Courses, All Computer Courses



Career Cluster: Health Science
Area of Concentration: Nutrition and Food

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|--------------------------------|----------------|---------------------------------|----------------|
| Family and Consumer Sci | 1 | *Food and Nutrition | .5 |
| <i>IBCA</i> | 1 | *Adv, Nutrition and Food | .5 |
| | | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| Education for Careers | .5 | Internship | 2 |

Substitute Primary Courses: Chemistry (1)

Substitute Related Courses: ProStart I, II (1), Principles of Business (1), Financial Math (1), Entrepreneurship (.5), Adult Responsibility (.5), Child Development (.5), Adv. Child Development (.5), Biology II (1), Environmental Science (1), Speech I (1), CNA (1), Family & Consumer Science Elective (1), Senior Project, All Foreign Language Courses, All Computer Courses



Career Cluster: Health Science
Area of Concentration: Health Professionals

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|-------------------------------------|----------------|-------------------------------------|----------------|
| <i>IBCA</i> | 1 | *Health Science I (Hlth Occ) | 1 |
| | | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| First Responder | 1 | Internship | 2 |
| *Health Science II (MedTerm) | 1 | | |

Substitute Primary Courses: Education for Careers (.5), Biology II (1), EMT (2), CNA (2), Pharmacy Tech (1), Anatomy and Physiology (1)

Substitute Related Courses: Speech I, II, (1), Physics (1), Food and Nutrition (.5), Algebra II (1), Sociology (.5), Psychology (1), Child Development (.5), Advanced Child Development (.5), Calculus (1), Financial Math (1), Principles of Business (.5), Business Law (.5), Pre-Calculus (1), Entrepreneurship (.5), Adv. Food & Nutrition (.5), Chemistry (1), Senior Project, All Foreign Language Courses, All Computer Courses

Career Cluster: Hospitality and Tourism

Area of Concentration: Culinary Arts

| | | | |
|---|---------------------|---|--------------------------|
| <u>Freshman</u> <i>IBCA</i> | <u>Credits</u> 1 | <u>Sophomore</u> Fd & Nut & Adv. Fd & Nut <i>French or Spanish I</i> | <u>Credits</u> 1 1 |
| <u>Junior</u> *ProStart I Education for Careers | 1 .5 | <u>Senior</u> *ProStart II Internship | 1 2 |

Substitute Primary Courses: All Shown

Substitute Related Courses: Fine Arts Survey (1), Chemistry (1), Speech I (1), Sociology (.5), Psychology (1), Family and Consumer Science (1), Entrepreneurship (.5), Principles of Business (1), Art I (1), Accounting (1), All Foreign Language Courses, All Computer Courses



Career Cluster: Human Services
Area of Concentration: Child Development Services

| | | | |
|---|--------------------------|---|---------------------------------|
| <u>Freshman</u> Family and Consumer Sci <i>IBCA</i> | <u>Credits</u> 1 1 | <u>Sophomore</u> *Child Development *Adv. Child Development <i>French or Spanish I</i> | <u>Credits</u> .5 .5 1 |
| <u>Junior</u> Parenthood Education Adult Responsibilities | .5 .5 | <u>Senior</u> Psychology | 1 |

Substitute Primary Courses: Education for Careers (.5), Internship (2), Sociology (.5)

Substitute Related Courses: Art I (1), First Responder (.5), Food and Nutrition (1), Speech I (1), Entrepreneurship (.5),Principles of Business (1), Accounting (1), Clothing and Textiles (.5), Business Laws (.5), Environmental Science (1), CNA (1), STAR I (1), All Foreign Language Courses, All Computer Courses



Career Cluster: Human Services
Area of Concentration: Customer Service

| | | | |
|--|---------------------|--|--------------------------|
| <u>Freshman</u> IBCA | <u>Credits</u> 1 | <u>Sophomore</u> Bus Comp Apps <i>French or Spanish I</i> | <u>Credits</u> 1 1 |
| <u>Junior</u> Principles of Business | 1 | <u>Senior</u> *Internship | 2 |

Substitute Primary Courses: Education for Careers (.5), Comp Multimedia (1), Desktop Publishing (.5), Entrepreneurship (.5), Principles of Marketing (.5), Psychology 91), Sociology (.5), Web Design (.5)

Substitute Related Courses: Accounting (1), Business Law (.5), Business Ed Elective (1), Business English (1), Fine Arts Survey (1), Calculus (1), Parenthood Ed (.5), Physics (1), Financial Math (1), Family & Consumer Sci I (1), JROTC I,II,III,IV (1), World Geography (1), World History(1), Speech I (1), Publications I (Newspaper, Yearbook) (1), Senior Project, All Foreign Language Courses, All Computer Courses

Career Cluster: Human Services
Area of Concentration: Management of Family Resources

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|----------------------------------|----------------|----------------------------------|----------------|
| Family & Consumer Sci | 1 | Food & Nutrition | .5 |
| <i>IBCA</i> | 1 | Adv. Food & Nutrition | .5 |
| | | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| *Parenthood Education | .5 | Sociology | .5 |
| Education for Careers | .5 | *Adult Responsibilities | .5 |

Substitute Primary Courses: Financial Math (1), Psychology (1), Internship (2)

Substitute Related Courses: Entrepreneurship (.5), Principles of Business (1), Accounting (1), Speech I (1), Principle of Marketing (.5), Physical Science (1), Environmental Science (1), Algebra II (1), Child Development & Adv (1), Business Ed Elective (1), Pre-Calculus (1), Family & Consumer Sci Elective (1), Senior Project, All Foreign Language Courses, All Computer Courses



Career Cluster: Human Services
Area of Concentration: Social Services

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|------------------------------|----------------|-------------------------------|----------------|
| Speech I | 1 | *Child Development | .5 |
| <i>IBCA</i> | 1 | Adv. Child Development | .5 |
| | | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| Parenthood Education | .5 | *Sociology | .5 |
| Education for Careers | .5 | Adult Responsibilities | .5 |

Substitute Primary Courses: Psychology (1), Internship (2)

Substitute Related Courses: Entrepreneurship (.5), Principles of Business (1), Accounting (1), World History (1), Financial Math (1), Senior project, All Foreign Language Courses, All Computer Courses



Career Cluster: Information Technology
Area of Concentration: Computer Science

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|------------------------------|----------------|--------------------------------|----------------|
| IBCA | 1 | Computer Multimedia Pre | 1 |
| | | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| *Computer Science I | 1 | Internship | 2 |
| Education for Careers | .5 | Web Design | .5 |

Substitute Primary Courses: Physics (1)

Substitute Related Courses: Entrepreneurship(.5), Principles of Business (1), Accounting (1), Financial Math (1), General Tech Education (1), Sociology (.5), Business Law (.5), Psychology (1), Speech I (1), Pre-Calculus (1), Senior Project, All Foreign Language Courses, All Computer Courses

Career Cluster: Information Technology

Area of Concentration: Information Systems

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|----------------------------------|----------------|--------------------------------|----------------|
| IBCA | 1 | *Business Computer Apps | 1 |
| Speech I | 1 | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| *Computer Multimedia Pres | 1 | *Desktop Publishing | .5 |
| | | *Web Design | .5 |

Substitute Primary Courses: Education for Careers (.5), Computer Science I (1), Psychology (1), Internship (2)

Substitute Related Courses: Entrepreneurship(.5), Principles of Business (1), Accounting (1), General Tech Education (1), Sociology (.5), Physics (1), Publications I (newspaper) (1), Publications I (Yearbook) (1), Algebra II (1), Calculus (1), Pre-Calculus (1), Chemistry (1), Business English (1), Business Ed Elective (1), Financial Math (1), Senior Project, All Foreign Language Courses, All Computer Courses



Career Cluster: Law, Public Safety, Corrections and Security

Area of Concentration: Law Enforcement Services

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|------------------------|----------------|----------------------------|----------------|
| IBCA | 1 | Speech I | 1 |
| | | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| *Law Studies | .5 | Internship | 2 |
| First Responder | 1 | | |

Substitute Primary Courses: Education for Careers (.5), American Government (1), Business Law (.5), EMT (2), Psychology (1), Jr ROTC IV (1), Sociology (.5), Speech II (1)

Substitute Related Courses: Entrepreneurship(.5), Principles of Business (1), Physical Education III (1), Jr ROTC III (1), Medical Terminology (1), P E Elective (1), World Geography (1), World History (1), Social Studies Elective (1), Science Elective (1), Financial Math (1), Senior Project, All Foreign Language Courses, All Computer Courses



Career Cluster: Law, Public Safety, Corrections and Security

Area of Concentration: Legal Services

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|---------------------|----------------|----------------------------|----------------|
| IBCA | 1 | Speech I | 1 |
| | | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| *Law Studies | .5 | * Business Law | .5 |
| Speech II | 1 | Psychology | 1 |

Substitute Primary Courses: Education for Careers (.5), American Government (1), Internship (2), Sociology (.5)

Substitute Related Courses: Entrepreneurship(.5), Financial Math (1), Principles of Business (1), Physical Education III (1), Prob & Statistics (1), Psychology (1), Sociology (.5), Accounting (1), Medical Terminology (1), Business Ed Elective (1), Fine Arts Survey (1), World History (1), Principles Of Marketing (.5), Senior Project, All Foreign Language Courses, All Computer Courses

Career Cluster: Manufacturing
Area of Concentration: Jewelry Manufacturing

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|-------------------------------|----------------|----------------------------|----------------|
| Art I | 1 | Art II | 1 |
| <i>IBCA</i> | 1 | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| Principles Of Business | 1 | Internship | 2 |

Substitute Primary Courses: Education for Careers (.5), Basic Tech Drafting (1)

Substitute Related Courses: Art III, IV (1), Entrepreneurship(.5), Financial Math (1), Speech I (1), General Technical Ed (1), Principles of Marketing (.5), Senior Project, All Foreign Language Courses, All Computer Courses



Career Cluster: Manufacturing
Area of Concentration: Welding

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|-------------------------------|----------------|----------------------------|----------------|
| General Tech Education | 1 | | |
| <i>IBCA</i> | 1 | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| *Welding I | 1 | *Welding II | 2 |

Substitute Primary Courses: Education for Careers (.5), Basic Tech Drafting (1), Internship (2)

Substitute Related Courses: Entrepreneurship(.5), Principles of Business (1), Accounting (1), Financial Math (1), Speech I (1), Physics (1), Advanced Technical Drafting (1), Geometry (1), Physical Science (1), Math Elective (1), Senior Project, All Foreign Language Courses, All Computer Courses



Career Cluster: Marketing, Sales and Services
Area of Concentration: Entrepreneurship

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|---------------------------------|----------------|----------------------------|----------------|
| Principles of Business | 1 | | |
| <i>IBCA</i> | 1 | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| Education for Careers | .5 | Internship | 2 |
| *Principles of Marketing | .5 | *Entrepreneurship | .5 |

Substitute Primary Courses: Accounting (1), Business Law (.5), Financial Math (1)

Substitute Related Courses: Speech I (1), Sociology (.5), Business English (1), Psychology (1), Senior Project, All Foreign Language Courses, All Computer Courses

Career Cluster: Marketing, Sales and Services
Area of Concentration: Marketing and Sales Management

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|---------------------------------|----------------|----------------------------|----------------|
| Principles of Business | 1 | | |
| <i>IBCA</i> | 1 | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| Education for Careers | .5 | Internship | 2 |
| *Principles of Marketing | .5 | | |

Substitute Primary Courses: Entrepreneurship (.5)

Substitute Related Courses: Financial Math (1), Speech I (1), Business English (1), Psychology (1), Sociology (.5), Art I (1), Accounting (1), Family and Consumer Science (1), Adult Responsibilities (.5), Law Studies (.5), Physics (1), Pre-Calculus (.5), Calculus (1), Business Law (.5), Senior Project, All Foreign Language Courses, All Computer Courses



Career Cluster: Science, Technology, Engineering and Math
Area of Concentration: Drafting

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|------------------------------------|----------------|----------------------------------|----------------|
| General Tech Education | 1 | *Basic Technical Drafting | 1 |
| <i>IBCA</i> | 1 | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| Advanced Technical Drafting | 1 | Computer Science | 1 |

Substitute Primary Courses: Education for Careers (.5), Internship (2)

Substitute Related Courses: Principles of Business (1), Entrepreneurship (.5), Financial Math (1), Speech I (1), Psychology (1), Sociology (.5), Fine Arts Survey (1), Physics (1), Pre-Calculus (1), Calculus (1), Algebra II (1), Geometry (1), Biology II (1), Chemistry (1), Senior Project, All Foreign Language Courses, All Computer Courses



Career Cluster: Science, Technology, Engineering and Math
Area of Concentration: Engineering

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|------------------------------------|----------------|---------------------------------|----------------|
| General Tech Education | 1 | Basic Technical Drafting | 1 |
| <i>IBCA</i> | 1 | <i>French or Spanish I</i> | 1 |
| | | | |
| <u>Junior</u> | | <u>Senior</u> | |
| Advanced Technical Drafting | 1 | *Biology II | 1 |

Substitute Primary Courses: Education for Careers (.5), Calculus (1), Internship (2), Pre-Calculus (1), Computer Science (1),

Substitute Related Courses: Principles of Business (1), Accounting (1), Entrepreneurship (.5), Financial Math (1), Speech I (1), Psychology (1), Art I (1), Fine Arts Survey (1), Physics (1), Algebra II (1), Geometry (1), Probability & Statistics (1), Chemistry (1), Environmental Science (1), World History (1), World Geography (1), Senior Project, All Foreign Language Courses, All Computer Courses

Career Cluster: Transportation, Distribution and Logistics
Area of Concentration: Automotive Technology

| <u>Freshman</u> | <u>Credits</u> | <u>Sophomore</u> | <u>Credits</u> |
|---------------------------|----------------|---|----------------|
| <i>IBCA</i> | 1 | Principles of Business <i>French or Spanish I</i> | 1 1 |
| <u>Junior</u> | | <u>Senior</u> | |
| *Auto Technician I | 2 | *Auto Technician II | 2 |

Substitute Primary Courses: Entrepreneurship (.5), Education for Careers (.5), General Technical Education (1), Internship (2)

Substitute Related Courses: Accounting (1), Financial Math (1), Speech I (1), Sociology (.5), Geometry (1), Environmental Science (1), Physical Science (1), Senior Project, All Foreign Language Courses, All Computer Courses



COURSE DESCRIPTIONS

AGRISCIENCE

**All Agriscience courses have a materials fee.

Agriscience I **Grades 9-12** **1-Year Elective** **4111A; 4112B**

This is a survey course involving soil, animal and plant science, small engines, metalworking, woodworking, drawing and crafts, and instruction in the proper use of tools and shop safety.

Agriscience II **Grades 10, 11, 12** **1-Year Elective** **4121A; 4122B**

Prerequisite: Ag I

This is a specialized training course involving advanced beef, crops, forestry, poultry, small engines and metal working, swine, horses, forages, horticulture, leadership, wildlife conservation, agricultural economics, sales and service, processing all types of meat and occupational training.

Agriculture III **Grades 11, 12** **1 Year Elective** **4131A; 4132B**

Landscape Management/
Floral Design

Students learn the skills of landscape design and maintenance / floral design through the study of course materials and lab experience.

Care/Mgmt. of Small Animals I **Grades 11, 12** **1 Semester Elective** **4193A**

Prerequisite: Successful completion of Biology with a 'C' or bet-

ter

This course is designed to provide students with an introduction to the care and management of small animals, with emphasis on the history and classification of domesticated animals, physiology and careers in the veterinary industry. It is aligned with a student's career path in either the Vet Tech or Pre-Veterinary fields. Successful completion will give students a Canine Core Certification.

Care/Mgmt. of **Small Animals II** **Grades 11, 12** **1 Semester Elective** **4194B**

Prerequisite: Small Animals I

This course is a continuation of Small Animals I and includes an introduction to the care and management of specific small animals, with emphasis on anatomy, nutrition, breed classifications, handling/training, grooming and reproduction.

Veterinary Assistant **Grades 11, 12** **1 Year Elective** **Dual Enrollment** **4189A; 4190B**

Designed to help students pursuing the Veterinary field. Includes both hands on practice and technical information.

Possible 6 hours college credit for Veterinary Assistant through the LA Technical College.

Horticulture I **Grades 10, 11, 12** **1 Semester Elective** **4191A**

Designed to provide students with an overview of the horticulture

industry.

Horticulture II **Grades 10, 11, 12** **1 Semester Elective** **4192B**

Students learn the skills of the horticulture industry through the study of course materials and lab experience. Students will gain skills necessary to pass the state practical exam.

Ag Construction **Grades 9-12** **1 Year Elective** **4165A; 4166B**

This course is an introduction to carpentry, plumbing, concrete and wiring skills. Possible NCCER Core Certification available.

Welding I **Grades 10, 11, 12** **1-Year Elective** **4163A; 4164B**

Required: Lab fees required, concurrent enrollment with Sullivan Technical College and students must be 16 years of age and in good standing.

This course provides the skills necessary for a career with basic entry-level welding. Emphasis for this course will be developing the student's skills and understanding of the welding field. Students may be CORE and Level 1 certified upon completion of this course, and may accumulate college credits

Welding II **Grades 11, 12** **Elective-2 credits(2 Hour block)** **4168A; 4169B**

Dual Enrollment

Required: Lab fees required and concurrent enrollment with Sulli-

van Technical College, student in good standing.

Prerequisite: Welding I

2-hour, 2-credit elective course. This class is a culminating course designed to use and reinforce the skills acquired in Welding I. Students may be Level 2 and Level 3 certified upon completion of this course, and may accumulate college credits.

Auto Tech I

Grade 11, 12

Elective – 2 hour credits

(2 hour block)

5608 A; 5609 B

Dual Enrollment

Transportation Required

Students are provided specialized instruction and practical shop experience to prepare students with entry level skills in the servicing and maintaining of all types of automobiles. Possible certifications are available: Brakes, Electrical/Electronic Systems, Engine Performance, Suspension/Steering through LA Technical College — 6 credits are earned and 2 high school credits

Auto Tech II

Grade 11, 12

Elective—2credits (2 hour block)

5612 A; 5613 B

Dual Enrollment

Transportation Required

Continuation of Automotive Technician I. The student will complete course work required for the 4 possible certifications through LA Technical College (6 LTC credit hours).

Plumbing I

Grades 11, 12

Elective—2 hour credits

(2 hour block)

5331A; 5332B

Dual Enrollment

Transportation Required

LA Technical College course that provides students with basic skills needed for the Mechanical Trades Industry. You will learn labor history, jobsite safety; related math and science, use of tools and equipment, pipe applications for plumbing, pipefitting and HVAC service and installations. Students earn 6 LA Technical College credits and 2 high school credits.

ART

Art I

Grades 9-12

1-Year Elective

5820A; 5830B

Art I is an introductory course open to all students. Drawing expertise is not required. The student is introduced to the elements and principles of design. Composition and creative thinking are developed through a variety of projects such as drawing, painting, sculpture and ceramics.

Art II

Grades 10, 11, 12

1-Year Elective

5850A; 5860B

Prerequisite: Art I

Students review and apply knowledge of the elements and principles of design. Students will develop their technical skills and are introduced to a variety of new media and creative approaches to composition.

Art III

Grades 11, 12

1-Year Elective

5880A; 5890B

Prerequisites: Art I, II

Skills and knowledge of art are reinforced with an opportunity for

independent study. Content is based upon the elements and principles of design, technical skills and creative approaches to composition.

Art IV

Grade 12

1-Year Elective

5910A; 5920B

Prerequisite: Art I, II, III

This course provides the advanced art student the opportunity for portfolio development, the Advanced Placement (AP) program and various display opportunities. This course gives the student a chance to produce a wide variety of art with many types of media.

Students organize and participate in an annual Senior Art showing.

Art (Talented)

Grades 9-12

1-Year Elective

Special Selection Process

I - 7900A; 7910B

II - 7920A; 7930B

III - 7940A; 7950B

IV - 7960A; 7970B

The talented art classes are part of the Special Education program, which is only available to students who have been selected by designated personnel. Information about the selection process is available through the Special Education office.

Fine Arts Survey

Grades 11, 12

1-Year Elective

5940A; 5950B

An introduction to works of art in the visual arts, theater, music and dance. This course covers major periods and movements, artists, composers, performers and playwrights in Western Civilization.

BUSINESS EDUCATION

Accounting I Grades 10, 11, 12 1-Year Elective 4380A; 4390B

This course emphasizes accounting principles as they relate to the basic understanding and skills required in keeping manual and computerized financial records for a business.

Introduction to Business Computer Applications (IBCA) Grades 9-12 1-Year Course 4675A; 4676B

Designed to prepare students with basic computer application skills, touch method of operating computer keyboard. Basic skills in Word Processing, Spreadsheet and PowerPoint applications are introduced. This course prepares the student for MOUS Certification.

Business Computer Applications Grades 10, 11, 12 1st Semester Elective 4510S

Prerequisite: IBCA
Students will study advanced word processing. The course prepares the student for MOS Certification in Word.

Business Computer Applications Grades 10, 11, 12 2nd Semester Elective 4520S

Prerequisite: IBCA
Students will study advanced spreadsheet programs. The course prepares the student for MOS Certification in Excel.

Business Law Grades 11, 12 1 Semester Elective 4500S 2nd semester only

This course is designed to assist students in understanding contract law as it applies to their roles as citizens.

Education for Careers Grade 11, 12 1 Semester Elective 4626S

Students explore colleges, TOPS, ACT Prep and career choices.

Computer Multimedia Presentations Grades 10, 11, 12 1-Year Elective 5764A; 5765B

Prerequisite: IBCA and BCA
Students create multimedia reports, projects and presentations by integrating animation, clip art, graphics, pictures, sound and video. Several types of programs will be introduced. The course prepares the student for MOS Certification in PowerPoint.

Computer Architecture Grades 12 1-Year Elective 5772A; 5773B

Required: Lab fees, department chair approval

The class is part of the CISCO Networking Academy Program. The course presents exposure to computer hardware and operating systems. Students may earn a Certificate of Completion for IT Essentials I: PC Hardware and Software. Possible certification in IC3 and A+ (Fees apply for testing)

Desktop Publishing Grades 11, 12 1 Semester Elective 1st semester elective only 5650A

Prerequisite: IBCA
This course is designed to teach the application of computer skills for work using graphic features. Emphasis is placed upon advanced features of current software.

Entrepreneurship Grades 10, 11, 12 1 Semester Elective 2nd semester only 4751B

Students participating in the course will learn first-hand how to own and operate a small business by developing their own company.

Principles of Business Grades 9-12 1-Year Elective 4270A; 4280B

This introductory course provides students with a basic framework for understanding the development and structure of American business, business management and organization, human resources management, marketing, finance and information resources.

Principles of Marketing Grades 11, 12 1 Semester Elective 1st semester only 4197A

This introductory course provides students with the basic foundations and functions of marketing. Emphasis is placed upon knowledge, skills, and attitudes necessary for entering and advancing in the field of marketing.

Tourism**Grades 11, 12****1 Semester Elective****2nd semester only****4260B**

In this course students learn the principles of travel and tourism.

Web Design**Grades 11, 12****LVS On-line Course****1st semester elective only****5778A**

Prerequisite: IBCA and any additional advanced computer course; recommended 'C' or better average

Required: Completed application; approval of Mrs. Mizell; Lab fee

Students will be introduced to web page development, which covers basic HTML coding then Front Page elements and techniques.

Computer Graphics**Grades 11, 12****LVS On-line Course****2nd semester only elective****5770B**

Prerequisite: 'C' average or better in Web Design

Required: Completed application; approval of Mrs. Mizell; Lab fee

This course is an introduction to the fundamentals of digital design and animation. Macromedia Fireworks MX 2004 will be used to create and edit graphic images; Macromedia Flash MX 2004 and Adobe Premiere will be used for computer animation and video.

Computer Science I**Grades 11, 12****LVS On-line Course****1 Year Elective****5760A; 5761B**

Prerequisites: IBCA and either successful completion of BCA, Computer Multimedia, or Com-

puter Networking I with a "C" or better and successful completion of Algebra I

Required: Completed application; approval of Mrs. Mizell; Lab fee

This full year elective will introduce object oriented programming and design using the computer language JAVA. A brief overview of the development, design and functionality of a computer will be included, but this is basically a course in problem solving.

Game Design I**Grades 11, 12****LVS On-line Course****2nd Semester Elective****5690 B**

Students will learn to build original games from scratch using popular game design software obtaining a solid foundation in the basic concepts of game development. By the end of the course the student will have a variety of polished games for a game development portfolio.

TV Productions I**Grade 11****1 Year Elective****1916A; 1917B**

Prerequisites: IBCA, Computer Multimedia and/or Speech

Students will be selected through an application and interview process. This course includes instruction in various aspects of field and studio television broadcasting and the use of equipment employed in this operation. The Productions I student will be required to film various in-school and after school activities.

TV Productions II**Grade 12****1 Year Elective****1918A; 1919B**

Prerequisite: TV Production I and teacher recommendation

Students will be selected through an application and interview process. Students use a linear approach to produce, edit and broadcast productions. The Productions II student will be required to film various in-school and after school activities.

Internship**Grade 12****Elective- 2 credits****(2 hour block)****Teacher approval required****9547A; 9548B; 4628A; 4629B**

Internship provides a structured work site learning experience and related school based instruction for specific job training. Students must complete an application and take all the necessary courses on their five-year plan in their area of concentration to participate. Students must have their own transportation.

STAR I**Grade 11, 12****1 Year Elective****5792A; 5793B**

Introduction to careers in teaching. Topics covered include learning styles, cognitive development, lesson design, special education and history of education. Students complete 20 observation hours at area schools and compile a portfolio of student work. Possible college credit can be earned.

DRIVER EDUCATION**Driver Education****Grades 10, 11, 12****1 Semester Elective****7100S**

Required: \$100 fee and student must be at least 15 years of age.

The course is planned around instruction and observation in dual-controlled automobiles.

ENGLISH DEPARTMENT

Honors and Gifted

Students scheduled in honors or gifted courses will accelerate both their reading and writing beyond the minimum requirements

Advanced Placement (AP) Literature and Composition (Grade 11 and Grade 12)

This is a college level course that follows the course guidelines established by the AP College Board. The significant difference is on higher levels of reasoning, self-direction and accelerated coursework.

English I

Grade 9

1 Year Required

On-level: 1100A; 1110B

(H): 1160A; 1170B

(G): 7550A; 7560B

Resource: 7410A; 7420B

Repeat: 1130A; 1140B

Freshmen will read, analyze and respond to literature as a record of life experiences. Students will receive instruction in combining and writing 8-12 sentence expository and persuasive paragraphs as well as 4-5 paragraph essays.

English II

Grade 10

1 Year Required

On-level: 1190A; 1200B

(H): 1250A; 1260B

(G): 7570A; 7580B

Students will continue to read, comprehend, and respond to a range of materials using a variety of strategies. They will also read, analyze and respond to literature

as a record of life experiences. They will continue to develop 4-5 paragraph essays.

English III

Grade 11

1 Year Required

On-level: 1280A; 1290B

(H): 1340A; 1350B

(AP): 1370A; 1380B

(G): 7585A; 7586B

Juniors will analyze classic and contemporary American literature. Using the writing process, they will compose essays focusing on a variety of audiences and purposes, specifically an expository/persuasive essay and a research paper. Students will also demonstrate competence in speaking and listening as tools for learning and communicating.

English IV

Grade 12

1 Year Required

On-level: 1400A; 1410B

(H): 1460A; 1470B

(AP): 1490A; 1500B

(G): 7605A; 7606B

Seniors will analyze classic and contemporary British literature from culturally and linguistically diverse populations. Focusing on the writing process for mastery of all components, they will compose a variety of essays, specifically a critical analysis, a literary analysis, and a research product.

English IV (SLU)(H)

Grade 12

College Credit

1 Year Required

1443A; 1444B

Dual Enrolled with Southeastern Louisiana University.

This class satisfies the requirements for both high school credit in English IV and college credit in English 101.

Senior Applications in ELA

Grade 12

1065A; 1066B

Prerequisite: Eng I, II, III

This course will meet requirements of and substitute for English IV for graduation. This course is not acceptable for the TOPS Opportunity award or 4-year college admission. Students are placed in this class with teacher approval only. Students may not schedule in or out of this course at mid-year to English IV. Students are provided with communication skills suitable for a business environment. Writing, oral, listening and nonverbal skills as they relate to business are stressed.

Reading I

Grades 9-12

Resource: 1010A; 1020B

This course utilizes reading strategies in the content area subjects assisting students in overcoming problems in comprehension of text and increasing vocabulary.

Reading II

Grades 10, 11, 12

Resource: 1040A; 1050B

A continuation of Reading I, concentrating on content area reading and comprehension.

Reading III

Grades 11, 12

Resource: 1900A; 1910B

A continuation of Reading II.

Reading IV

Grades 11, 12

Resource: 1902A; 1903B

A continuation of Reading III.

Reading Comprehension A1

Grade 9

1 Year Elective

7022A; 7023B

Development of critical reading and literary analysis skills.

**Reading Comprehension B1
Grade 9**

1 Year Elective

7024A; 7025B

Development of critical reading and literary analysis skills.

Mythology-Greek

Grade 12

1 Semester Elective

1980S

Prerequisite: English I, II, III with a minimum 'C' average

A study of Greek, Roman, Chinese, and Norse myths, legends and cultures as well as their impact on modern culture.

Mythology-Egyptian

Grade 12

1 Semester Elective

1990S

Prerequisite: English I, II, III with a minimum 'C' average

A study of ancient Egyptian myths, legends and culture as well as their impact on modern culture.

Advanced Composition

Grade 12

1 Semester Elective

1914A;1915B

Prerequisite: English I, II, III

An in-depth study of the writing process designed for college bound students.

Publication I: Newspaper

Grades 10, 11, 12

1-Year Elective

1974A; 1975B

Prerequisite: 'C' average in English and teacher approval

An introductory course covering the history, ethics, terminology, research, writing styles, interviewing, editing, layout and ad design skills for print journalism.

Publication II: Newspaper

Grades 11, 12

1-Year Elective

1976A; 1977B

Prerequisite: Publication II

This course provides the hands on experience of producing the student newspaper. A course covering the fundamentals of newspaper writing, layout, design, advertising and other elements of newspaper production. Students are chosen through an application process made through the FHS Gazette advisor.

Publications I: Yearbook

Grades 10, 11, 12

1-Year Elective

1920A; 1930B

Recommendation: "C" average in English and teacher approval
Publications I introduces the student to the fundamentals of journalistic procedures as they apply to yearbook production. This course provides hands-on experience, terminology, interviewing, basic layout design and photography techniques utilized in printed publications.

Publications II: Yearbook

Grades 11, 12

1-Year Elective

1940A; 1950B

Prerequisite: Publications I

Introduces students to money management, sales, theme selection, intricate layout design, and advanced photography techniques, and other aspects of print production. Students should own a 6.0 MP or greater digital camera.

Speech I

Grades 9, 10, 11, 12

1-Year Elective

1700A; 1710B

This course will provide the fun-

damentals of oral communication and drama.

Speech II

Grades 10, 11, 12

1-Year Elective

1730A; 1740B

Prerequisite: Speech I

The student will be given practical experience in oral interpretations, group research presentations, debate and drama.

Effective Study Skills/ACT

Prep

Grades 11, 12

1 Semester

2102S

Students utilize a variety of resources to identify strengths and weaknesses in preparation for ACT/SAT testing.

**ENGLISH AS A SECOND
LANGUAGE DEPARTMENT**

ESL I, II, III

ESL I: 1520A; 1530B

ESL II: 1550A; 1560B

ESLIII 1580A; 1590B

These courses develop proficiency skills in listening, speaking, reading and writing from beginning to advanced levels and expand vocabulary, grammar and reading comprehension through the content areas. Emphasis is placed upon contextual understanding, linking to real-life experiences, interactive communication and personal expression.

The focus is on developing cognitive academic language proficiency and the vocabulary essential for acquiring classroom survival skills, while at the same time expanding the basic interpersonal communicative skills required to function successfully in daily life.

READING I, II, III**READ I 1010A; 1020B****READ II: 1040A; 1050B****READ III: 1900A; 1910B**

Reading skills from beginning to advanced levels are developed through Rosetta Stone, an internationally acclaimed interactive English learning program. Students will use all four language domains of listening, speaking, reading and writing to attain higher skill levels in reading comprehension as they advance at their own pace using computer assisted language learning CD's with the accompanying student texts and workbooks.

STUDY SKILLS I, II, III, IV**SS I: 7368A; 7369B****SS II: 7378A; 7379B****SS III: 7388A; 7389B****SS IV: 7398A; 7399B**

These courses develop language survival skills for daily life and classroom work from beginning to advanced levels and provide a foundation for academic success by sharpening skills in all areas of communication. Students will gain understanding of their learning styles, how to set goals, manage time, use library resources, improve memory, take notes in class, raise scores for both objective and essay tests, strengthen reading and writing skills and use graphic aids. Grammar practice, higher order thinking exercises and content area readings are also targeted. Students will apply newly acquired study skills to mainstream class assignments by bringing class work into the study skills class to gain additional practice and assistance.

FAMILY & CONSUMER SCIENCE**Family and Consumer Science****Grades 9-12****1-Year Elective****4770A; 4780B**

Required: Lab supply fee each semester

This course emphasizes the value of teens gaining skills for managing their daily lives. Making decisions, effective communication, clothing care, food preparation techniques, interior design concepts, household safety, budgets, careers and child care guidelines are covered.

Food and Nutrition/Advanced**Food and Nutrition****Grades 10, 11, 12****1 Year Elective****4860A; 4930B**

Required: Lab supply fee each semester

Students explore the relationship of nutrition to health and well-being. Lab are designed to reinforce class lessons and to teach basic cooking skills.

ProStart I**Grades 11, 12****1-Year Elective****5001A; 5002B**

Prerequisites: Food & Nutrition and Advanced Foods

Required: Lab fees, an application and teacher approval.

This course is the first of a two-year program that prepares students for careers in the restaurant/food service industry. Topics covered include customer service, food and kitchen safety, foodservice equipment, nutrition, business mathematics, control of foodservice costs and career preparation and development. Advanced food preparation tech-

niques will be taught. All students must take the national certification exam.

ProStart II**Grade 12****1-Year Elective****5003A; 5004B**

Prerequisites: Successful completion of ProStart I with a 'C' or better

Required: Lab fees, application and teacher approval.

Year two of the ProStart program that prepares students for careers in the restaurant/food service industry. Topics covered include career preparation and development, the history and art of food-service, the lodging industry, marketing and menu development, purchasing and inventory control, standard accounting practices, tourism and communication with customers. All students will take the national certification exam.

Adult Responsibilities**Grades 11, 12****1 Semester Elective****4960S**

This course offers the opportunity to acquire the skills necessary for a successful transition into adulthood. Topics include finance, apartment rental, car purchase, taxes, credit cards and insurance.

Child Development/Advanced**Child Development****Grades 10, 11, 12****1 Year Elective****4830A; 4910B**

Child Development presents basic information regarding the development of children from the prenatal stage through age 3 years. Topics focus on all areas of growth and development of the infant and pre-school child.

Parenthood Education**Grades 11, 12****4900S****1 Semester Elective**

Focus is on the responsibilities of parents for having healthy babies and maintaining the best possible conditions for proper growth and development of the child. Activities offer hands-on opportunities with practical applications. The Baby Think It Over Program is a required part of this course.

Clothing & Textiles/Advanced Clothing & Textiles**Grades 10, 11, 12****1st Year Elective****4840A; 4920B**

Required: Lab supplies/materials fee each semester

This course instructs students in hand and machine sewing techniques and wardrobe-planning skills. Color schemes, fabric types, managing clothing dollars, craft skills, pattern making, and career options are also covered.

Housing**Grades 10, 11, 12****4880S****1 Semester Elective**

Housing and design is an introduction to architectural design, the design process and designing interior environments. Topics include early homes, American styles since 1700 and designing homes for today's living. Students will have the opportunity to create floor plans, learn about furniture styles, backgrounds and accessories. Understanding of the design process will be demonstrated with the completion of a 'Designer's Challenge' project.

FOREIGN LANGUAGE**French****Grades 9-12****1-Year Elective****3820A; 3830B**

Prerequisite: Overall 'C' average or better in English is recommended.

This course covers basic conversation, listening skills, reading, writing and translating. Cultural awareness activities are also included.

French II**Grades 9-12****1-Year Elective****3850A; 3860B**

A continuation of French I.

French III**Grades 10, 11, 12****1-Year Elective****3871A; 3872B**

A continuation of French II.

French IV**Grades 11, 12****1-Year Elective****3881A; 3882B**

A continuation of French III. Advanced placement examinations may be taken.

French V**Grade 12****1-Year Elective****3887A; 3888B**

A continuation of French IV.

Spanish I**Grades 9-12****1-Year Elective****3910A; 3920B**

Prerequisite: The recommendation for this course is an overall 'C' average in English.

This course covers basic conversation, listening skills, reading,

writing and translating. Cultural awareness activities are also included.

Spanish II**Grades 9-12****1-Year Elective****3940A; 3950B**

A continuation of Spanish I.

Spanish III**Grades 10, 11, 12****1-Year Elective****3961A; 3962B**

A continuation of Spanish II.

Spanish IV**Grades 11, 12****1-Year Elective****3971A; 3972B**

A continuation of Spanish III.

Spanish V**Grades 11, 12****1-Year Elective****3978A; 3979B**

A continuation of Spanish IV.

MATHEMATICS**Honors and Gifted**

Students scheduled in honors or gifted courses will accelerate beyond the minimum requirements outlined in the state standards. Students shall have teacher recommendation to be enrolled in these courses.

Advanced Placement (AP)

This is a college level course that follows the course guidelines established by the AP College Board. The significant difference is on higher levels of reasoning, self-direction and accelerated coursework.

Algebra I**Grades 9-12****1 Year Required****On-level: 2770A; 2780B****(H): 2800A; 2810B****(G): 7698A; 7699B****Resource: 7055A; 7056B**

This course includes understanding the use of the language of algebra and the integration of algebra with other mathematics.

Geometry**Grades 10, 11, 12****1 Year Required****On-level: 2890A; 2900B****(H): 2950A; 2960B****(G): 7691A; 7692B**

Prerequisite: Algebra I

This course includes the structure of geometric relationships in a plane.

Algebra II**Grades 10, 11, 12****1 Year Required or Elective****On-level: 2830A; 2840B****(H): 2860A; 2870B****(G): 7701A; 7702B**

Prerequisite: Algebra I credit, recommended 'C' or better average

This course includes working with properties of real numbers, sets and set notation, equations and inequalities, graphing, systems of sentences, relations and functions, rational expressions, radicals and quadratic functions, complex numbers and quadratic equations, conic sections, and exponential and logarithmic functions.

Math Essentials**Grades 11, 12****1-Year Elective****3283A; 3284B**

This course will meet requirements for graduation. This course is not acceptable for the TOPS

Opportunity award or 4-year college admission.

The material covered in this course includes ratio and proportions, probability, statistics, topics in geometry, exploration of linear functions, step, piecewise and absolute value functions, quadratic functions, radicals, exponential growth and decay, map coloring and Euler paths and circuits.

Functions and Statistics**Grade 12****1-year Required or Elective****3193A; 3194 B**

Prerequisites: Algebra I, Geometry, Algebra II

This course meets TOPS requirements and LA core 4. This course continues the study of functions and their graphs started in Algebra I, triangle trigonometry, polynomial functions, rational function, radical functions, exponential and logarithmic functions.

Statistics of one and two variables will be covered including methods of collecting, organizing and analyzing data.

Pre-Calculus**Grades 11, 12****1-Year Elective****On-level: 3191A; 3192B****(G): 7350A; 7360B**

Prerequisite: Successful completion of Algebra I, Geometry, Algebra II with A/B average and strong work ethic

This course meets TOPS requirement and LA core 4. The study of functions and their graphs, triangle trigonometry, circular trigonometry and graphing of trigonometric functions, solving trig equations. Polynomial functions, rational function, radial functions, exponential and logarithmic functions are also covered as well as sequences and series, conic sec-

tions and parametric equations. Recommended for students who are considering a math or science related major in college.

Pre-Calculus (H)**Grades 11, 12****1-Year Elective****3180A; 3190B**

Prerequisite: Completion of Algebra I H, Geometry H, and Algebra II H with an A/B average and solid work ethic.

This course meets TOPS requirement and LA core 4. This course covers the same materials Pre-Calculus at an accelerated rate, in depth, emphasizing the preparation of the student for calculus.

One of the two courses recommended for 11th grade students who are considering taking Calculus H or Calculus AP as a senior.

Calculus (H)**Grade 12****1-Year Elective****3120A; 3130B**

Prerequisites: Algebra I H, Geometry H, Algebra II H and Pre-Calculus H or SLU Math 161/162.

Recommended B average or better in mathematics and recommendation of instructor.

An in-depth study of functions and their graphs: limits, first and second derivative and their applications, curve sketching, integrals, applications of integrals and the Fundamental Theorem of Calculus.

Calculus AP**Grade 12****1 year Elective****AB: 3113A; 3114B****BC: 3115A; 3116B**

Prerequisites: Algebra I, Geometry, Algebra II and Pre-Calculus (H or G)

For students preparing to take the Calculus Advanced Placement Exam.

Pre-Calculus (SLU)(H) Grade 11, 12

1-Year Elective

College Credit

3150A; 3160B

Prerequisite: A score of 19 or above on the Mathematics section of the ACT and composite score of 19 or above; OR a PLAN score of 19 and teacher recommendation

Dual Enrollment with Southeastern Louisiana University.

Lab Fee: \$12.00

This class satisfies the requirements for both high school credit in Pre-Calculus and college credit in Math 161/162.

The 1st semester is a study of families of functions and their graphs. Topics include linear, polynomials, rational, exponential and logarithmic function and systems of equations.

The 2nd semester is a study of trigonometric functions. Topics include the laws of sine and cosine, the trigonometric functions and their graphs, inverse trigonometric functions, identities and equations, complex numbers, graphs and parametric equations and graphs in polar coordinates.

Course is delivered through an on-line program called Math XL.

Calculus (SLU)(H)

Grade 12

1-Year Elective

College Credit

3111A

Prerequisite: credit for SLU Math 161; OR a minimum PLAN or ACT Math sub-score of 24 and a PLAN or ACT composite of at least a 19.

Dual enrollment with Southeast-

ern Louisiana University.

Lab Fee: \$12.00

This class satisfies the requirements for both high school credit in Honors Calculus and college credit in Math 163.

An introduction to differential and integral calculus. Topics include limits, the first and second derivative, integrals and the Fundamental Theorem of Calculus.

Statistics (SLU)(H)

Grade 12

1-Year Elective

College Credit

3276B

Prerequisite: credit for SLU Math 163; OR a minimum PLAN or ACT Math sub-score of 24 and a PLAN or ACT composite of at least a 19.

Dual enrollment with Southeastern Louisiana University.

Lab Fee: \$12.00

This class satisfies the requirements for both high school credit in Honors Statistics and college credit in Math 241.

A study of elementary statistics. Topics include graphical display of data, measure of central tendency and variability, sampling theory, the normal curve, standard scores, Student's T, Chi Square, and correlation techniques.

Math Skills

Grade 9

1-Year Elective

3222A; 3223B

Development of math skills necessary for success in high school math courses.

MUSIC

****All Band, Chorus and Talented Music classes are performance classes.**

Music (Talented)

Grades 9-12

1-Year Elective

I. 6491A; 6492B

II. 6493A; 6494B

III. 6495A; 6496B

IV. 6497A; 6498B

Required: By audition only.

The course consists of accelerated and independent training in performance skills, technical skills, musicianship, ear training, music theory and analysis, composition, improvisation and music history and styles. All instrumentalists and vocalists may participate in the program.

Intermediate Band:

1-Year Elective (one year only)

6190A; 6200B

Advanced Band:

1-Year Elective (multiple years)

6220A; 6230B

Applied Music:

6561A; 6562B

Percussion:

1-Year Elective

6575A; 6576

Wind Ensemble

1-Year Elective

6571A; 6572B

Band/chorus students will be challenged to achieve mastery and musical expertise. Appropriate musical compositions will be performed. Participation in after school rehearsals and performances are mandated and are factored in the student's grade for the course.

Jazz Ensemble

Grades 10, 11, 12

1-Year Elective

6461A; 6462B

Membership in this group is based upon an audition with the Jazz Band Director. Students in this course must also be enrolled in an additional music class.

Guitar Class
Grades 9-12
1-Year Elective
6610A; 6620B

Students must supply their own acoustic guitar. Purchase of a method book is required.

Piano Class
Grades 9-12
1-Year Elective
6590A; 6600B

No audition required.

This course is a fundamental, beginning piano class, geared toward students with little or no prior piano instruction. Students progress through daily practice and class activities, perform in ensembles and prepare for written, as well as performance exams. Students are required to purchase a book, but do not need to own a piano/keyboard.

Beginning Chorus
Grades 9-12
1-Year Elective
6250A; 6260B

There is a \$10 music fee and \$10 T-shirt fee for this course.

Beginning choir is open to students with an interest in choral singing, who have not performed at the high school level. No prior experience or audition is required, though an informal screening for vocal aptitude will be held. Students are required to perform in all scheduled concerts and participate in after school rehearsals. (May only be taken once for credit.)

Advanced Chorus
Grades 9-12
1-Year Elective
6310A; 6320B

Required: Audition, \$10 music fee and \$10 T-shirt fee for this course.

This course is designed for advanced choir students who have a fundamental understanding of choral technique, can read music and demonstrate the ability to sing in-tune. Students are required to perform in all scheduled concerts, attend some after school rehearsals and purchase a choir uniform.

Small Ensemble
Grades 9-12
1-Year Elective
6551A; 6552B

Required: Audition, \$10 music fee and \$10 T-shirt fee for this course.

This course is designed for advanced male and female choir students who have achieved choral success at the junior high or high school level, can demonstrate the ability to sight-read music at a competitive level and possess excellent choral technique and control of the vocal instrument. Students are required to perform in all scheduled concerts, attend some after school rehearsals and purchase a choir uniform.

NOCCA
Grades 9-12
1-Year Elective
NOCA I: 5994A; 5995B
NOCCA2: 5996A; 5997B
NOCCA3: 5998A; 5999B

Special Selection Process
 May be scheduled for up to 3 credits

NOCCA's curriculum is designed to prepare students to follow a path toward professional careers involving any of NOCCA's five arts disciplines: Dance Music, Theater, Visual Arts, Creative Writing. Students attend classes in New Orleans.

PHYSICAL EDUCATION
HEALTH EDUCATION

Health Education
Grade 10, 11, 12
1 Semester Required
7015S

This course is designed to motivate and assist students to maintain and improve their health, prevent disease and reduce health-related risk behaviors.

Physical Education I
Grade 9
1 Year Required
6841A; 6851B

This course is designed to provide a broad range of activities. The curriculum consists of flag football, softball, ultimate Frisbee, volleyball, basketball and physical/motor fitness.

Physical Education II
Grade 10
1 Semester Required
1 Semester Elective
Regular: 6871A; 6881B

This course focuses on a variety of lifetime sports activities. The curriculum consists of badminton, field hockey, softball, soccer, speedball, physical fitness, volleyball & basketball.

Physical Education III
Grades 11, 12
1-Year Elective
6902A; 6912B

This course emphasizes lifetime sports, leisure pursuits and the importance of physical fitness.

Physical Education IV
Grade 12
1-Year Elective
6933A; 6943B

This course will place emphasis on physical conditioning and weight lifting.

Conditioning I, II, III**Grades 10, 11, 12****1 Year Elective****I: 6860A; 6861B****II: 6862A; 6863B****III: 6864A; 6865B**

Athletes only --- Teacher recommendation

JROTC**(AEROSPACE SCIENCE)****Aerospace Science (JROTC)****Grades 9, 10, 11, 12**

(These courses may be substituted for PE I and/or PE II or used for elective credit)

Prerequisites: The student must meet the following requirements in order to participate in the program:

- A. Minimum ninth grade
- B. Citizen of the U.S. or approval of his/her government
- C. Physically able to participate fully in Physical Education
- D. Project a presentable appearance

The Air Force ROTC program is divided into two categories: Aerospace Science (academics) and Leadership Studies. Aerospace science focuses on aviation history, the principles of flight, aviation ground school, and the exploration of space. Leadership Studies include Air Force customs and courtesies, cadet corps activities, study habits, time management, communication skills and leadership management studies.

JROTC I**1 Year****7120A; 7130B**

Includes a journey into aviation history, contemporary aviation, traditions of the Air Force, individual character, citizenship, wellness, health and fitness.

JROTC II**1 Year****7150A; 7160B**

Includes principles of flight and navigation, effective communication, awareness of individual and group behavior, basic leadership concepts or global and cultural studies.

JROTC III**1 Year****7180A; 7190B**

Includes the exploration of space, astronomy, life skills and career opportunities or honors aviation ground school.

JROTC IV**1 Year****7210A; 7220B**

Includes survival, management techniques, decision-making and functions and management of the Corps.

Global & Cultural Studies**Grades 11, 12****1 Year Elective****2495A; 2496B**

Teacher Recommendation ONLY
The material covered is an advanced, in-depth study of two of six major geographic regions, including East Asia, Africa, Latin America, Europe, the Middle East and South Asia. This course is designed to provide the student with a balanced view of these regions through a detailed study of their geography, history, current political status, economics, regional troubles, social and cultural issues, and foreign policy.

SCIENCE**Honors and Gifted**

Students scheduled in honors or gifted courses will accelerate be-

yond the minimum requirements outlined in the state standards.

Advanced Placement (AP)

This is a college level course that follows the course guidelines established by the AP College Board. The significant difference is on higher levels of reasoning, self-direction and accelerated coursework.

Physical Science**Grade 9****1 Year Required****On-level: 3350A; 3360B**

(H): 3380A; 3390B Recommendation for Honors: Enrollment in Algebra I (Honors)

Resource: 7070A; 7071B

This course is designed as a preparatory course for high school chemistry and physics with emphasis on laboratory work and abstract thinking skills.

Biology**Grades 10, 11, 12****1 Year Required****On-level: 3410A; 3420B**

(H): 3470A; 3480B Recommendation for Honors: 'C' or better in Physical Science (H)

(G): 7809A; 7810B

This course gives the student an understanding of the principles and concepts of living things and their organization.

Anatomy & Physiology (H)**Grades 11, 12****1-Year Elective****3726A; 3727B**

Required: Teacher recommendation; an A/B average in Biology (H) or Biology (G)

This course is an intensive study of human anatomy and physiology primarily geared for the student pursuing a medical career.

Biology II**Grades 11, 12****1 Year Elective****3681A; 3682B**

Recommendation: A/B in BioI; BioI(H) or BioI(G)

A continuation of the study of biology that encompasses a review of the cell, DNA, and heredity, a study of the systems of the body, and plants.

Biology II (AP)**Grade 12****1-Year Elective – 2 hour block****3684A; 3685B**

Required: Concurrent enrollment or completion of chemistry and teacher recommendation; an A/B average in Biology (H) or Biology (G)

This is an advanced placement survey course designed to meet the needs of students who wish to study in an area of biological interest. Special emphasis will be given to the chemical basis of life, the structure and function of the cell, and comparative studies of plant and animal systems.

Biology II (G)**Grade 12****1-Year Elective****7771A; 7772B**

Students explore advanced topics selected from cellular biology, biochemistry, biotechnology, genetics, microbiology, evolution, behavior, ecology, plant and animal anatomy and physiology. Research and advanced laboratory techniques are emphasized. Class is heavily project oriented.

Chemistry**Grades 11, 12****1-Year Elective****3590A; 3600B**

Required: 'C' average in Algebra I, Geometry, and enrollment in or

completion of Algebra II, as well as teacher recommendation. A credit in Physical Science highly recommended.

In this course laboratory experiences, demonstration, and problem solving are stressed. Basic algebraic skills are necessary for this course.

Chemistry (Honors)**Grades 11, 12****1-Year Elective****(H): 3611A; 3612B****(G): 7811A; 7812B**

Required: 'C' average in Algebra I (H), Geometry (H) and enrollment in or completion of Algebra II (H), as well as teacher recommendation. A credit in Physical Science (H) highly recommended.

In this course laboratory experiences, demonstration, and problem solving are stressed. Qualitative and quantitative analyses are taught. Proficiency in algebraic skills is necessary for this course.

Physics**Grade 12****1-Year Elective****3640A; 3650B**

Required: 'B' average in Chemistry and Algebra II; concurrent enrollment in Functions & Statistics or Pre-Calculus

This is a mathematical based course, which will investigate the natural laws of physics and their application to everyday occurrences.

Physics (Honors)**Grade 12****1-Year Elective****3661A; 3662B**

Required: 'C' average in Chemistry (H) and Algebra II (H) and currently enrolled in Pre-Calculus or Calculus

This course covers the above ma-

terial at an accelerated level.

Physics (AP)**Grade 12****1-Year Elective****3665A; 3666B**

Required: 'B' average in Chemistry (H) and Algebra II (H) and enrollment in or completion of Calculus or Pre-Calculus and teacher recommendation

This is a mathematical based course, which will investigate the natural laws of physics, and their application to everyday occurrences at the college level through advanced mathematics, problem solving and critical thinking.

Environmental Science**Grades 11, 12****1 Year (may be used as required or elective course)****On-level: 3500A; 3510B****(H): 3530A; 3540B**

This course focuses on ecosystems and the human condition, classification of environmental problems and their relation to economic and legal concerns, and explores the challenges that our environment presents to us.

Earth Science**Grades 11,12****1-Year Elective****3560A; 3570B**

Prerequisite: Completion of Physical Science, Biology, Chemistry or Environmental Science.

This course focuses on understanding the earth's dynamic environments, processes, and their interrelationships. Major concepts of astronomy, meteorology, and geology, along with the basic principles governing earthquakes, volcanism, plate tectonics, and erosion are covered. The components of weather systems; atmos-

pheric temperature, interpretation of weather maps and elements of forecasting, origins of igneous, sedimentary, and metamorphic rocks and their relationship to tectonic processes will also be covered.

Health Science I Occupations

Grades 10, 11

1-Year Elective

6698A; 6699B

Students will investigate a wide range of health science careers and determine the training, skills, and job descriptions of each.

Health Science II

Medical Terminology

Grades 11, 12

1-Year Elective

6700A; 6701B

Required: Successful completion of Biology, with a 'C' or better average

Students will learn the language of the health science professions. Possible articulated college credit

First Responder

Grades 11, 12

1 Year Elective

4102A; 4103 B

This course introduces students to basic assessment of medical/trauma injuries and hands-on techniques used for patient care. Legal and psychological aspects of emergency medicine are included. CPR certification may be earned, as well as state certification in 1st Responder.

Pharmacy Tech

Grade 12

1-Year Elective

6647A; 6648B

Required: \$120 National Testing Fee

Students are exposed to the concepts, materials and skills neces-

sary for state certification and will be prepared to take the national pharmacy assistant licensing test. Possible certification earned.

EMT Basic

Grade 12

Elective- 2 credit hours

6656A; 6657B

(2 hour block)

Dual Enrollment

Prerequisite: 1st Responder, CPR certification, student in good standing

The course prepares students to work as an Emergency Medical Technician who provides attention as patients are transported to medical facilities. Upon completion of the course and required Clinical hours, students will earn 5 certifications, 2 high school credits and 9 credits through LA Technical College. Students must have their own transportation.

CNA Basic

Grade 12

1st Semester Elective

1 credit hour (2 hour block)

6654A

Dual Enrollment

Transportation required

Prerequisite: 1st Responder, CPR certification, Medical Terminology, and a student in good standing

Students are exposed to the concepts, materials and skills necessary to earn national CNA certification based on course work and clinical hours. Nursing assistants work closely with patients in hospitals, clinics, doctor's offices, private homes and many other healthcare institutions. Students earn 1 high school credit and 10 LA Technical College credit hours.

EKG/Patient Care Technician

Grade 12

2nd Semester Elective

1 credit hour

(2 hour block)

6694B

Dual Enrollment

Transportation Required

Prerequisite: CNA Basic

Students complete required material to obtain an additional national certification towards Patient Care Technician. Four modules must be completed to earn the certificate. They are: CNA, EKG, Phlebotomy and Advanced Nursing Skills. A required 100 sticks will be needed to complete a course with clinical hours. Students earn 1 high school credits and possible 12 LA Technical College hours..

Lab Assistant

Grade 12

1 Semester or 1 Year Elective

3774A; 3793B

Approval of Science Department Head

SOCIAL STUDIES

Honors and Gifted

Students scheduled in honors or gifted courses will accelerate beyond the minimum requirements outlined in the state standards. Summer reading assignments are required.

Advanced Placement (AP)

This is a college level course. The classes follow the course guidelines established by the state standards, this significant difference is their focus on higher levels of reasoning, self-direction and accelerated coursework.

World Geography**Grade 9****1 Year Required****On-level: 2370A; 2380B****(H): 2388A; 2389B****(G): 7648A; 7649B****Resource: 7085A; 7086B**

A regional study of the physical and cultural geography of the world.

Civics**Grade 10****1 Semester Required****On-level: 2110S 1st sem; 2140S 2nd sem****(H): 2120S 1st sem; 2150S 2nd sem****(G): 7630S**

A study of the rights, duties and privileges of citizenship in American society with focus on the structure and function of federal, state and local government.

Free Enterprise**Grade 10****1 Semester Required****On-level: 2280S 1st sem; 2560S 2nd sem****(H): 2290S 1st sem; 2570S 2nd sem****(G): 7628S**

The general survey of the American free enterprise system, including basic economic theory and practice.

American History**Grade 11****1 Year Required****On-level: 2170A; 2180B****(H): 2230A; 2240B****(AP): 2260A; 2270B****(G): 7665A; 7666B**

An examination of our country's history from 1877 to the present.

American Government (AP)**Grades 11, 12****1-Year Elective****2365A; 2366B**

A review of the structure and function of government followed by an intensive preparation for the advanced placement test.

World History**Grades 10, 11, 12****1-Year Elective****On level: 2300A; 2310B****(H): 2331A; 2332B****(G): 7641A; 7642B****(AP) 2321A; 2322B**

On level and honors World History are survey courses that examine the history of the world from the age of exploration to the present. Recommended for students who want to take Honors and AP American History. AP World History begins with the birth of civilization.

Sociology**Grades 11, 12****1 Semester Elective****2460S**

This social science course deals with the study of groups, society and human relationships. Emphasis is placed upon the study of social institutions and current social problems.

Psychology**Grades 11, 12****1-Year Elective****On-level: 2420A; 2430B****(H): 2418A; 2419B**

This course stresses the scientific approach to the study of individual human behavior and mental processes

Anthropology**Grade 12****1 Semester Elective****2581S**

Seniors only

This course involves the study of the physical and cultural evolu-

tion of the human race. Special emphasis is placed upon physical and forensic anthropology, family structures, marriage, gender and religion.

Law Studies**Grades 11, 12****1 Semester Elective****2440S**

Designed to assist students in the understanding of basic legal rights and responsibilities as they apply to the individual.

THEATRE**Theatre (Talented)****Grades 9-12****1-Year Elective**

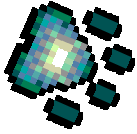
Special Selection Process

I - 7891A; 7892B**II - 7893A; 7894B****III - 7895A; 7896B****IV - 7897A; 7898B**

Talented theatre, part of the Special Education program, is only available by audition. The course consists of accelerated and independent training in a variety of theatrical areas including performance, design, directing, and history.

Stagecraft**Grades 11, 12****1-Year Elective****5800A; 5801B**

This course is designed to coordinate all aspects of production for plays produced by the Talented Theatre program. Emphasis on set construction, set painting and stage lighting. Students will have the opportunity to run lighting and sound equipment for the various events that take place in the auditorium throughout the school year.



INTERNET WEBSITES FOR COLLEGE PLANNING

There are a number of web sites with excellent college and financial aid information. Below are some of the best and most popular.

College Information

www.kaplan.com
www.collegenet.com
www.collegeboard.org
<http://nces.ed.gov/collegenavigator>

www.collegeview.com
www.petersons.com
www.collegequest.com

Testing Tips and Information

www.collegeboard.org
www.review.com
www.ets.org

www.act.org
www.kaplan.com

Financial Aid and Scholarship Sites

www.finaid.org
www.salliemae.com
www.fafsa.ed.gov

www.fastweb.com
www.collegemet.com/mach25

Miscellaneous Sites

www.commonapp.org
www.nassp.org
www.nacac.com

Colleges have direct web sites, which can be accessed. Generally you might be able to guess what the web site will be:

Louisiana Tech University – www.latech.edu
McNeese State University – www.mcneese.edu
Nicholls State University – www.nich.edu
Northwestern State University – www.nsula.edu
Southeastern Louisiana University – www.selu.edu
University of Louisiana @ Lafayette – www.louisiana.edu
University of Louisiana @ Monroe – www.ulm.edu
Louisiana State University – www.lsu.edu
University of New Orleans – www.uno.edu

