

# High School Course Catalog

A listing of courses available for secondary students  
in the Lafayette Parish School System

# 2010

# 2011

***Disclaimer***

***Courses entered after May 1, 2010, may not be included in this document.  
Please consult your individual high school course offerings.***

***We extend a special thanks to Burnell LeJeune, Sandy LaBry, Tim Tate,  
James Simmons, and Scott Richard for their assistance.***

***This course catalog is made available by the Department of Student Services, Harriett Taylor, Director.***



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## LAFAYETTE PARISH HIGH SCHOOLS

### *Acadiana High School*

315 Rue du Belier  
Lafayette, LA 70506  
Martha Broussard, Principal  
LaShona Dickerson, Asst. Principal  
Bobby Green, Asst. Principal  
Sheryl LeJeune, Asst. Principal  
**Office:** 984-2646  
**Guidance:** 984-4882

### *Carencro High School*

721 W. Butcher Switch Road  
Lafayette, LA 70507  
Annette Samec, Principal  
Anne Castille, Asst. Principal  
Shirley Sampay, Asst. Principal  
**Office:** 896-6192  
**Guidance:** 886-9128

### *W. D. Smith Career Center*

200 18<sup>th</sup> Street  
Lafayette, LA 70501  
Carol Vital, Principal  
Glynn Robin, Asst. Principal  
**Office:** 233-2026

### *Comeaux High School*

100 W. Bluebird Drive  
Lafayette, LA 70508  
Joseph Craig, Principal  
Gil Douglass, Asst. Principal  
David LeJeune, Asst. Principal  
Mary Sonnier, Asst. Principal  
Edna Dugas, Asst. Principal  
**Office:** 984-8395  
**Guidance:** 984-8450

### *Lafayette Charter High*

516 E. Pinhook Road  
Lafayette, LA 70501  
Jody Duhon, Principal  
**Office:** 261-8981

### *Early College Academy*

320 Devalcourt  
Lafayette, LA 70506-4124  
Ellen Ventress, Principal  
Robin Olivier, Counselor and  
Coordinator  
**Office:** 521-8956

### *Lafayette High School*

3000 W. Congress St.  
Lafayette, LA 70506  
Dr. Patrick Leonard, Principal  
Laura Domingue, Asst. Principal  
Dr. Virgil Fulcher, Asst. Principal  
Janet Guerrini, Asst. Principal  
Dorothy Scott, Asst. Principal  
Mary S. Zeno, Asst. Principal  
**Office:** 984-5284  
**Guidance:** 216-9003

### *Northside High School*

301 Dunand St.  
Lafayette, LA 70501  
Carlton Handy, Principal  
Charles Richard, Asst. Principal  
Denise Lotief, Asst. Principal  
**Office:** 232-0681  
**Guidance:** 235-6948

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## INTRODUCTION

The purpose of this guide is to help students and parents make decisions concerning course selections for the coming year. Each course a student selects should be a part of an overall educational plan and suited to his/her abilities and interests. Making good scheduling decisions is major to educational success.

**Students and parents are encouraged to read this guide carefully and discuss the student's educational plans.**

## GENERAL INFORMATION

- The six-digit numbers, which appear to the left of each course title, correspond to a course selection sheet, which is used for counseling and course selection.
- Listing of a course description in this publication does not guarantee that the course will be taught during the following school year. Decisions as to whether a particular course will be taught will be based on students requesting the course and availability of personnel.
- Every effort has been made to identify courses that may be offered only on certain campuses.

## GLOSSARY

**Unit and Class Standing:** A unit is the term used to express the credit earned when a subject is passed. A student shall be granted one (1) unit of credit for a prescribed full-year course and one-half (1/2) unit of credit for a prescribed semester course upon receiving a final grade of 67% or better. One credit is equal to one full Carnegie Unit. High school students are classified in the following grades according to credits earned.

**Effective for the 2009-2000 school year, ALL high school students will be classified in the following grades according to credits earned:**

**9th Grade: 0 - 5.5 credits (units)**

**10th Grade: 6 - 12.5 credits**

**11th Grade: 13 – 19.5 credits**

**12th Grade: 20 credits**

## PLACEMENT IN COURSES

Students are placed according to their instructional levels. It is the policy of the Lafayette Parish School System not to discriminate its educational programs or activities on the basis of sex, race, color, religion, or national origin. The instructional levels are as follows:

**Regular:** Course content is designed for students who have a background of average achievement. Although they read and perform at grade level, they need reinforcement of organizational and related thinking skills, and concentration on oral and written language.

**Honors:** Course content is designed for students who learn rapidly, who have a good command of language, and who have the potential to succeed in courses that demand time and concentrated study.

**For entry into honors classes,** students must meet at least three of the following four criteria:

- i. a minimum average of 85% earned in the prior course,
- ii. achievement scores at the 70<sup>th</sup> percentile or above,
- iii. all previous LEAP tests passed,
- iv. teacher recommendation.

Students registering for classes offered only at the honors level will be exempt from entry requirements for enrolling in honors classes. Continued enrollment requirements will apply for subsequent registrations.

**For continued enrollment in honors classes,** both of the following requirements must be met:

- v. must maintain a minimum end of the year average of 75%,
- vi. teacher recommendation.

Honors classes are designed for students who desire to achieve and are committed to excellence. These students are self-directed, self-motivated and have a willingness to work for success.

**Advanced Placement:** Advanced Placement courses are college-level courses offered in high school for qualified students who are interested in pursuing a comprehensive program of study and research. The typical AP student has demonstrated a high degree of proficiency in the subject, as well as a genuine

enthusiasm for learning. The student seeks challenges beyond the honors level and is willing to spend additional time each week on course work. Applicants who are accepted for these courses are encouraged to take the Advanced Placement Examination near the end of the course. The score reported on the examination and each college's policy regarding advanced placement will determine whether college credit will be granted for the work. Student placement is based on teacher recommendation and scores in the 80th and 90th percentiles (stanine of 8 or 9) from standardized achievement tests. Scheduling an AP course must be approved by the AP teacher.

**Special Needs:** When scheduling students with special needs, refer to the course database for the appropriate codes. Courses ending with the last alpha/digits indicate the following: 0 - taught by Special Ed teacher not for credit; 1-taught by Special Ed teacher for credit; 2 - remedial/basic; 3 - prep. course; 4 - regular; 5 - honors; 6 - advanced placement (AP);7 - taught by Gifted teacher; 8 - vocational/tech prep; 9 - summer school; M - multi-sensory/regular; W - taught by Special Ed itinerant teacher; X - taught by Homebound site teacher; Y - taught by Homebound itinerant staff in the student's homes; Z - taught by Special Ed self-contained classroom teacher.

### **PLACEMENT IN COURSES:**

Placement in courses is determined by ability and teacher recommendation. Student ability is determined by results of standardized tests, placement test, past academic achievement and teacher recommendation.

## **CORRESPONDENCE COURSES**

Correspondence course credit is considered on an individual student basis with principal approval.

## **ADDITIONAL CONSIDERATIONS**

Students who elect to repeat a course for the purpose of attaining a higher grade, thus attempting to increase their grade point average (G.P.A.), will automatically be assigned the last grade earned, even if that grade is lower. The last grade earned is the grade averaged for the final G.P.A. Both grades remain on the permanent transcript.

Should a student repeat a course in high school which was previously taken and passed in middle school and passed the credit exam with a grade of "P", the high school grade will be the final grade earned even if the grade is lower than that earned in middle school. The last grade earned is the grade averaged for the final G.P.A.

## **MINIMUM REQUIREMENTS FOR HIGH SCHOOL GRADUATION**

To keep individuals as informed and up to date as possible, please go to the Louisiana State Department of Education website for the most up to date information on graduation requirements. The Louisiana Department of Education main website address is <http://www.louisianaschools.net/>. You will find a wealth of information there.

**Note: Student must also pass all five parts of the GEE or GEE21.**

## **\*2008-2009 PUPIL PROGRESSION PLAN**

Section II, (g) (2), page 10

In addition to completing a minimum of 23 Carnegie credits, students must pass the English language arts and mathematics components of the GEE and either the science or social studies portions of GEE to earn a standard high school diploma.

## **THE COLLEGE BOARD RECOMMENDED COLLEGE PREPARATORY CURRICULUM**

\*Not required; Recommended Only

Please go to the College Board website for the college preparatory curriculum. The website is [www.collegeboard.com](http://www.collegeboard.com) .

## **LOUISIANA REGENTS' SCHOLAR COLLEGE PREPARATION CURRICULUM**

Please go to the Louisiana Regents website to view scholar college preparation curriculum requirements. The website is [www.regents.state.la.us/](http://www.regents.state.la.us/) .

## **ACT RECOMMENDED COLLEGE—PREPARATORY COURSES**

The ACT Assessment is designed for those students who plan to attend college. Those students who take the core courses as defined by ACT tend to score higher on the ACT than those students who do not. The recommended college core-courses (as defined by ACT) can be found on their website at <http://www.actstudent.org> .

## HIGH SCHOOL ACADEMIES: SCHOOLS OF CHOICE

Each high school in Lafayette Parish now offers a specialized academy that is open to students throughout the parish regardless of school zones. Any student interested in one of the academies should talk with the counselor about the application process for each academy. More information about the academies is available at [www.lafayettechoice.com](http://www.lafayettechoice.com). The Schools of Choice Career Academies are:

### *Acadiana High*

#### *Academy of Business and Finance* <http://www.lpssonline.com/acadianahigh>

The mission of the Acadiana High School Academy of business and Finance is to equip students with the financial knowledge and communication skills necessary to have an immediate competitive edge in post secondary education and/or the workforce. The Academy provides students with a rigorous academic curriculum, while exposing them to the varied career paths and opportunities available in the fields of business and finance.

The Academy requires that the students follow a prescribed curriculum for their full four years in high school. These courses range from Principles of Finance to Business Computer Applications to Entrepreneurship and Ethics, while at the same time meeting the requirements of TOPS.

Embedded in the course curriculum, students will train and work toward receiving industry-based certifications in Microsoft and IC<sup>3</sup>. End-of-course test performance will determine if the student qualifies for the National Academy Foundation (NAF) certification.

In addition to coursework and certifications, Academy students are required to complete a 180-hour internship. Students are also offered other opportunities, including working as an IRS Volunteer Tax Preparer or as a teller for the school branch of the Lafayette Schools' Federal Credit Union, traveling to and competing in FBLA (Future Business Leaders of America) events, playing the Stock Market Game, visiting the Federal Reserve Bank, participating in Groundhog Day job shadowing, and taking a senior trip to the real-world business setting, make valuable career choices, and develop the skills necessary to succeed in today's workplace.

### *Carencro High*

#### *Academy of Information Technology* <http://www.lpssonline.com/carencrohigh>

The Academy of Information Technology at Carencro High serves as a model for the National Academy Foundation. Our academy introduces students to the many career opportunities in today's digital workforce. Our students receive the technical, personal, and communication skills they will need to seek higher education and/or successfully enter the workforce.

Our academy students are scheduled as true cohorts in the four major areas of English, science, social studies, and math while completing two technology classes per year. The core classes are integrated with technology cross-curriculum in a project-based learning style environment. Our Juniors participate in summer internships to build motivation, a sense of personal worth, and self-confidence. Our parents and students participate in several activities during the school year, including the Video and Animation Video and Animation Video Festival, Tech-South Expo (an industry-based IT expo) and an Internet Safety Workshop. Our course offerings include Business Computer Applications, Digital Graphics & Animation, Web Mastering, Computer Science, Databases, Video Game Design, Computer Animation, and A+/NET+ Certification Prep.

## *Comeaux High*

### *Academy of Visual and Applied Arts* <http://www.lpssonline.com/comeauxhigh>

The Academy of Visual and Applied Arts at Ovey Comeaux High School offers opportunities for specialized instruction to students with an interest in careers in the visual and applied arts. The visual arts including drawing, painting, printmaking, sculpture and photography, along with the applied arts of graphic design, fashion design, interior design, and architecture are the focus of our newly redesigned curriculum. New to our Academy is the Video Production Class where students will be trained to work with the state of the art video editing software, Final Cut Pro. This class is offered in our new, fully equipped iMac Lab. Careers in the visual and applied arts include: Graphic artist, illustrator, set designer, potter, architect, cartoonist, commercial artist, jeweler, painter, photographer, camera operator, art appraiser, industrial designer, web designer, film producer, director, storyboard designer, portrait painter and many others. Our academy uses the Leonard Bernstein Artful Learning curriculum; we're one of fewer than 100 schools across the nation in the program. Artful Learning uses the arts to teach the core curriculum, engaging students more fully in their regular academics.

## *Lafayette High*

### *Academy of Health Careers* <http://www.lpssonline.com/lafayettehigh>

The Academy of Health Careers offers students selecting a career in health care every opportunity to meet their career and educational goals. Elements of the program include: partnerships with healthcare professional agencies, mentors/guest speakers to motivate and encourage students, a School-To-Career emphasis allowing students to see relevance of school and the real world of professional health care. Students are assigned to a team of teachers for math, science, English, and a health academy elective, and a fully integrated curriculum.

Students may enroll in the academy as a first time freshman in the Introduction to Health Occupations course OR as a first time sophomore in the Introduction to Health Occupations course AND either Health Science I or Allied Health Services I. A student must take the required courses as outlined in the Academy of Health Careers curriculum. Some of the courses currently offered in the program in the program include: Health Occupations, Health Science, Allied Health Services, Survey of Health Occupations, First Responder, EMT-B, Forensic Science, Sports Medicine, Certified Nursing Assistant and Pharmacy Technician. We also offer a 2 credit non-paid internship, and many of our classes prepare students to sit for national certification exams.

### *Academy of Performing Arts* <http://www.lpssonline.com/lafayettehigh>

The Lafayette High School Performing Arts Academy creates a challenging environment with multiple performing opportunities designed to develop creativity, excellence, self-discipline, musical and artistic skills.

The High School Performing Arts Academy offers instruction in the disciplines of dance, piano, guitar, string orchestra, theatre arts, choral, and instrumental music (band). With emphasis on performance, many groups and individuals successfully compete on the local, state, and national levels.

## *Northside High*

### *Academy of Engineering*

<http://www.lpssonline.com/northsidehigh>

The Academy of Engineering at Northside High School is to prepare young men and women with a thorough and challenging, academic foundation, so that they will graduate with the tools and skills necessary to be successful in a postsecondary engineering program. The Engineering Academy experience includes four year of honors math courses, four years of honors science courses, and even seven engineering elective courses covering Aerodynamics, Fiber Optics, Robotics, Video Production, Meteorology, Drafting, AutoCAD, Architectural Design, 3-D Modeling, Pneumatics, Electricity, Thermal Systems, Construction Technology, Mechanisms, Automotive Technology, Computer Troubleshooting, Computer Applications, Design Processes, CNC Mill and Lathe. Our specialized engineering labs offer hands-on study.

### *Academy of Environmental Sciences*

<http://www.lpssonline.com/northsidehigh>

The Environmental Sciences Academy at Northside High School offers students an opportunity to explore the careers available in a fast-growing field. Students can learn about current environmental issues, the causes of these issues, the ramifications and what can be done to prevent or reduce the impact on our environment.

Students start with exploratory courses that cover topics like soil conservation, chemicals, water quality, air quality, waste management, ecology, land use and marine biology. Later, students can focus on one career path, such as Environmental Management, Environmental Law, Environmental Engineering or Ecology. The classroom includes a state of the art computer science lab and a fully interactive multimedia room. Academy students will design and build outdoor learning areas that will allow them to participate in outdoor class sessions for activities such as nature journaling, local flora examination, math and geometry in nature, entomology, nature poetry, and much more!

### *Early College Academy (ECA)*

<http://www.lpssonline.com/site4030.php>

The Lafayette Parish School System and South Louisiana Community College have teamed to create the LPSS-SLCC Early College Academy. This academy is based on the early college high school model, which assumes that academic rigor, combined with the opportunity to save time and money, is a powerful motivator for students to work hard and meet serious intellectual challenges. Early college high schools blend high school and college work in a rigorous yet supportive program, compressing the time it usually takes to complete a high school diploma and a college degree. Students attend high school on the campus of the South Louisiana Community College. Academy students complete the regular TOPS curriculum, following the state's regular high school curriculum, but they also will be able to take regular college courses. At the end of their four years of high school, these students will have achieved a high school diploma as well as an associate's degree in general studies. While no specific GPA scores are required to attend this academy, students must score basic-basic on the LEAP in order to be eligible. All students are welcome and encouraged to apply. Students attend high school classes on the campus of SLCC during the hours of noon to 6:30 p.m. Transportation is provided by the City of Lafayette Transit System. Students and their families are not responsible for tuition or for the students' books.

## *W.D. Smith Career Center*

[Academy of Hospitality, Travel and Tourism](http://www.lpssonline.com/site1448.php) <http://www.lpssonline.com/site1448.php>

The Academy provides public high school students knowledge and skills for a successful career in one of the world's largest industries. Academic learning experiences are combined with hands-on work experience to help students develop thinking and problem solving skills.

## *Lafayette Charter High School*

*CLK-IT (Computers for Louisiana's Kids - Information Technology)*

## LOUISIANA TUITION OPPORTUNITY PROGRAM FOR STUDENTS

### What is “TOPS”?

Louisiana’s Tuition Opportunity Program for Students (TOPS) is a comprehensive program of state scholarships and one of the most innovative and progressive student assistance programs in the nation. TOPS has five award components. Please visit one of the websites below for the eligibility and renewal requirements of each award component; Opportunity, Performance (& Alternate), Honors, and Tech.

To find more information on TOPS or to apply for all TOPS awards, please visit one of the websites below to assist you.

TOPS Online Application and information at [www.osfa.state.la.us](http://www.osfa.state.la.us).

Application for Federal Student Aid (FAFSA) at [www.fafsa.ed.gov](http://www.fafsa.ed.gov)

**Disclaimer:** *TOPS information included here is current as of the date of the TOPS brochure publication and is provided for informational purposes only. The eligibility requirements and rules governing the TOPS program are subject to legislative and regulatory amendments subsequent to the date of publication of the TOPS brochure. TOPS applicants are responsible for determining the program requirements at the time of application and should not rely on this printed information as a full disclosure of all qualifications required for a TOPS award.*

## COLLEGE ATHLETICS (NCAA) ELIGIBILITY REGULATIONS

In order to practice and play as a freshman at an NCAA Division I or Division II college/university, the student-athlete must satisfy requirements of the NCAA. Student-athletes must have eligibility for practice and competition in the freshman year certified by the NCAA Initial-Eligibility Clearinghouse Student - athletes may register with the Clearinghouse online at [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net).

## OTHER IMPORTANT INFORMATION

- Division II has no sliding scale. The minimum core grade-point average is 2.000. The minimum SAT score is 820 (verbal and math sections only) and the minimum ACT sum score is 68.
- 14 core courses are currently required for Division II. However, beginning 2013, students will be required to complete 16 core courses.
- 16 core courses are required for Division I.
- The SAT combined score is based on the verbal and math sections only. The writing section will not be used.
- SAT and ACT scores must be reported directly to the Eligibility Center from the testing agency. Scores on transcripts will not be used.
- Students enrolling at an NCAA Division I or II institution for the first time need to also complete the amateurism questionnaire through the Eligibility Center Web site. Students need to request final amateurism certification prior to enrollment.

For more information regarding the rules, please go to [www.ncaa.org](http://www.ncaa.org). Click on "Academics and Athletes" then "Eligibility and Recruiting." Or visit the Eligibility Center Web site at [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net).

Please call the NCAA Eligibility Center if you have questions:

Toll-free number: 877/262-1492.

NCAA DIVISION I SLIDING SCALE CORE GRADE-POINT AVERAGE/ TEST-SCORE New Core GPA / Test Score Index		
Core GPA	SAT Verbal and Math ONLY	ACT
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	730	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	80
2.125	960	81
2.100	970	82
2.075	980	83
2.050	990	84
2.025	1000	85

## NCAA Eligibility Center Website and Services

**New Eligibility Rules ? Click [here](#) to read about the changes.**

### **General Information on the Eligibility Center Web site**

- Register and update information for the eligibility center.
- Link to an information and resource page for prospective student-athletes and parents.
- Online version of the NCAA Guide for the College-Bound Student-Athlete.
- Core-course listings for high schools.
- Home school information.

### **Information and Resources for Prospective Student-Athletes**

This will take you to information and resources for prospective student-athletes.

### **Canadian Prospective Student-Athletes**

Core-course listings for each province are now listed on the eligibility center Web site under the following high school codes:

Quebec	998-001
Saskatchewan	998-002
Ontario	998-003
Alberta	998-004
British Columbia	998-005
Manitoba	998-006
Newfoundland and Labrador	998-007
Prince Edward Island	998-008
Nova Scotia	998-009
New Brunswick	998-010
Yukon Territory	998-011
Northwest Territory	998-012
Nunavut	998-013

### **Fee Waiver**

U.S. student-athletes are eligible for a fee waiver if they have already received a fee waiver (not state voucher) for the ACT or SAT. The high school counselor will also be required to submit an electronic fee waiver verification on their behalf (high school counselors with PIN access may submit waivers for eligible students from the high school administrator section of the eligibility center Web site).

### **Division I and II initial-eligibility standards**

### **Frequently Asked Questions**

### **Division I & II worksheet**

If a student-athlete would like a paper registration form, forms are available by calling 888-388-9748. The best time for a student-athlete to register with the Clearinghouse is following his/her junior year of high

school. The NCAA Initial-Eligibility Clearinghouse has been established for a review of core courses and high school transcripts for all prospective Division I and Division II student-athletes, who must complete a “Student Release Form” and submit it with payment of \$30 to the Clearinghouse. This fee may be waived only if the student-athlete has received a fee waiver for the ACT or SAT (student-athletes should contact their school counselor about this fee waiver). The official high school transcript and ACT or SAT scores must be submitted to the Clearinghouse, which will issue a preliminary certification report that will be available to the student-athlete and the colleges that he/she has selected to receive this information.

For complete, up-to-date information, please visit the website at [www.ncaa.org](http://www.ncaa.org).

### ***INTERCOLLEGIATE ATHLETIC ASSOCIATIONS***

The following associations govern the conduct of collegiate athletics, the eligibility of the student-athlete and the availability of athletic scholarships.

NCAA	National Collegiate Athletic Association
NAIA	National Association of Intercollegiate Athletics
NJCAA	National Junior College Athletic Association

There are other associations of colleges and conferences that may or may not affiliate with larger associations or abide by their rules. It is important to learn from the college coach who is recruiting a student, to what association his or her college/university belongs and what rules regarding recruitment must be followed if different than NCAA/NAIA rules.

### **NAIA ELIGIBILITY REGULATIONS**

To be eligible to participate at a National Association of Intercollegiate Athletics (NAIA) college, an entering freshman must meet two of the three entry level requirements:

1. Achieve a minimum composite score of 18 on the ACT or 860 on the SAT. Scores must be achieved on a single test.
2. Achieve a minimum overall high school grade-point average of 2.000 on a 4.000 scale, or
3. Graduate in the top half of his/her high school graduating class.

Additional information on eligibility may be obtained at the NAIA web site: [www.naia.org](http://www.naia.org).

### **NJCAA ELIGIBILITY REGULATIONS**

To be eligible to participate in a member college of the National Junior College Athletic Association (NJCAA) the entering student-athlete must meet the following requirements:

1. Student must be a high school graduate or one who has received a high school equivalency diploma or has been certified as having passed a national test such as the General Education Development (GED) Test.
2. Non-high school graduates can establish eligibility for athletic participation by completing one term of college work passing 12 credits with a 1.75 GPA or higher. This term must be taken after the student’s high school class has graduated.
3. Non-high school graduates who have earned sufficient credit for high school graduation status can establish eligibility for athletic participation by completing one term of college work, passing 12 credits with a 1.75 GPA or higher. This term can be completed before the student’s high school class has graduated.
4. Students classified under #2 or #3 above may be added to the eligibility roster at any time after completion of the requirements in the respective #2 or #3.
5. Students who are completing high school and are simultaneously enrolled in 12 or more credits at a college are eligible for athletic participation with the completion of the NJCAA High School Waiver

Form (Form 3-e). This form must be signed by the student's high school principal and the college president. This provision is applicable to only those students whose high school class has not graduated at the time of college enrollment.

Additional information on eligibility may be obtained on the NJCAA web site: [www.njcaa.org](http://www.njcaa.org). NCAA regulations have been adopted that affect two-year college transfers who were partial qualifiers or non-qualifiers upon graduation from high school. Football and men's basketball are particularly impacted. The regulations differ for Divisions I and II. Student-athletes should make themselves aware of the impact of these regulations upon them, if they are partial qualifiers or non-qualifiers. Student-athletes affected should contact the NCAA Clearinghouse for information.

## ENGLISH

recommended for Limited English Proficient (LEP) students.

<b>English I</b>		<b>Grade: 9</b>
<b>904104</b>	<b>Regular</b>	<b>Credit: 1</b>
<b>904105</b>	<b>Honors</b>	<b>Credit: 1</b>
<b>904107</b>	<b>Gifted (LHS)</b>	<b>Credit: 1</b>
<b>90410M</b>	<b>Multi-Sensory</b>	<b>Credit: 1</b>

English I is a comprehensive English course of literature, composition, and language, including listening and speaking. The study of literature includes reading and comprehending a wide variety of literary forms including short stories, nonfiction, poetry, drama, novels, and spoken and visual texts. The course offers supportive reading strategies for a variety of purposes. The study of composition focuses on the writing process through response to literature, creative writing and connections to real-life situations and problem solving. The study of language targets usage, mechanics and strategies for vocabulary development integrated into literature and composition components. Listening and speaking skills are developed throughout the course.

<b>English II</b>		<b>Grade: 10</b>
<b>904154</b>	<b>Regular</b>	<b>Credit: 1</b>
<b>904155</b>	<b>Honors</b>	<b>Credit: 1</b>
<b>904157</b>	<b>Gifted (LHS)</b>	<b>Credit: 1</b>
<b>90415M</b>	<b>Multi-Sensory</b>	<b>Credit: 1</b>

English II is a comprehensive English course, offering a study of literature, composition, and language, including speaking and listening. The literature component encompasses reading, comprehending, and responding to various genres — short stories, poetry, novels, non-fiction, drama, as well as spoken and visual texts. The course offers supportive strategies for reading and responding to texts. The composition component emphasizes the writing process to develop various modes of writing for different purposes and audiences. Students must locate, select, and synthesize information from a variety of sources in order to gain and present knowledge. The language component integrates usage, mechanics, and strategies for vocabulary development into the composition and literature components. Listening and speaking skills are developed throughout the course.

<b>Reading I</b>	<b>Grade: 9</b>
<b>906254</b>	<b>Credit: 1</b>

Reading I is designed to help students to improve their skills in reading, comprehending and responding to a range of materials using a variety of strategies for different purposes. It helps students to develop productive habits and attitudes fostering life-long literacy and language growth.

Prerequisite: The student's reading scores fall below the 40th percentile on the most recent norm-referenced test; the student did not pass the Language Arts section of the eighth grade LEAP exam; the student is recommended by his previous language arts teacher. This course is not recommended for Limited English Proficient (LEP) students.

<b>English III</b>		<b>Grade: 11</b>
<b>904204</b>	<b>Regular</b>	<b>Credit: 1</b>
<b>904205</b>	<b>Honors</b>	<b>Credit: 1</b>
<b>904207</b>	<b>Gifted (LHS)</b>	<b>Credit: 1</b>
<b>90420M</b>	<b>Multi-Sensory</b>	<b>Credit: 1</b>

English III is a comprehensive English course of literature, composition, and language study, including listening and speaking. Students read and respond to literature from various genres and cultures — including written, spoken and visual texts — with American authors as the common focus. Study is arranged in thematic, chronological, or interdisciplinary units. The course offers supportive reading strategies for a variety of purposes. The composition component focuses on the writing process in literary analysis, creative and expository writing. Students utilize research tools, resources and techniques for creating products and communicating knowledge.

<b>Reading II</b>	<b>Grade: 9-10</b>
<b>906284</b>	<b>Credit: 1</b>

Reading II provides opportunities for selected students to strengthen their literacy skills. It focuses on enabling students to develop fluency in reading and written response to reading. Prerequisite: The student's reading scores fall below the 40th percentile on the most recent norm-referenced test. This course is not

The language component integrates usage, mechanics, and strategies for vocabulary development. Listening and speaking skills are fostered throughout the course.

**English III** **Grade: 11**  
**904206 AP** **Credit: 1**

English III AP focuses on interpreting works from various genres, critical thinking, and developing a mature writing style. Writing assignments varying in form and purpose are from various genres, critical thinking, and such strategies and techniques as close reading, reader response, discussion, literary analysis and expository and creative writing. A literary research paper may be required. Students are expected to complete summer reading assignments.

**English IV** **Grade: 11**  
**904254 Regular** **Credit: 1**  
**904255 Honors** **Credit: 1**  
**904257 Gifted (LHS)** **Credit: 1**  
**90425M Multi-Sensory** **Credit: 1**

English IV is a comprehensive English course of literature, composition, and language study, including listening and speaking. Students read and respond to literature from various genres and cultures – including written, spoken and visual texts – with British authors as the common focus. Study is arranged in thematic, chronological, or interdisciplinary units. The course offers supportive reading strategies for a variety of purposes. The composition component focuses on the writing process in literary analysis, creative and expository writing. The course emphasizes student use of research tools, resources and techniques for creating products and communicating knowledge. The language component integrates usage, mechanics, and strategies for vocabulary development. Listening and speaking skills are fostered throughout the course.

**English IV Louisiana Virtual School** **Grade: 12**  
**90425V** **Credit: 1**

The Louisiana Department of Education in partnership with the Louisiana School for Math, Science, and the Arts provides Louisiana high school students access to this standards-based high school course delivered by Louisiana teachers through The Louisiana Virtual School (LVS). Students in LVS courses utilize the web, e-mail, and other online and offline resources to complete their course of study. There are no fees associated with the program. The school must provide an onsite facilitator, hardware and software, computer access, and a unique email account for each student.

**English IV** **Grade: 12**  
**904256 AP** **Credit: 1**

English IV AP prepares the high school senior for a college-level curriculum. The course focuses on interpreting works from various genres, critical thinking, and developing a mature writing style. Writing assignments, varying in form and purpose, are designed for greater insight into literary works. Students learn how to discover meaning in literature, justifying their own interpretations and comparing them to those of others. Tasks include such strategies and techniques as close reading, reader response, discussion, literary analysis and expository and creative writing. A literary research paper may be required. Students are expected to complete summer reading assignments, and they are encouraged to take the Advanced Placement exam.

**LEAP 21 ELA Remediation** **Option 2**  
**906062 ELA 8.5** **Credit: .5**

This remedial English course is designed for students who have not passed the Grade 8 LEAP 21 exam and are precluded from enrolling in English I.

**GEE 21 ELA Remediation** **Grade: 10-12**  
**906092** **Credit: .5**  
**906102** **Credit: 1**

This remedial course targets the language arts skills of reading, writing and research that are needed for students to be successful in the GEE 21

in English. Note: Only one Carnegie Unit of remedial courses may count toward graduation requirements.

**Creative Writing** **Grade: 10-12**  
**906304 Regular Credit: 1**  
**906307 Gifted(LHS) Credit: 1**

Creative Writing is a workshop class that integrates writing, reading, speaking, listening and visually representing. Students are led through daily writing exercises. They read and respond to one another's work. They publish their works by creating portfolios, entering writing contests, making booklets, contributing to school displays, and participating in community poetry readings. Enrollment is based on teacher recommendation and submission of a portfolio of previous work.

**Mythology** **Grades 10-12**  
**906324 (CHS) Credit: .5**

Mythology is a literature-based course that analyzes story elements, structure, archetypes and symbols in myths from many cultures, as well as the influence of mythology on literature, film, and popular culture. Reader-response strategies and composition skills are integrated in the study of mythology.

**Shakespearean Studies** **Grade: 10-12**  
**906344 (CHS) Credit: .5**

This elective course focuses on the poetry and plays of William Shakespeare in various adaptations. Class activities reinforce the English Language Arts standards by developing aural/oral, reading, writing, and research skills.

**Individualized Reading I** **Grade: 11-12**  
**906354 Credit: 1**

Individualized Reading is an elective course designed for students who are reading at or above grade level. The course focuses on independent reading and allows students to propose their own reading goals and selections, explore diverse genres,

and respond to reading through writing and oral discussion. Students should be sufficiently self-directed and focused to read independently for an entire class period.

**Individualized Reading II** **Grade: 11-12**  
**906364 Credit: 1**

Individualized Reading II is a continuation of Individualized Reading I where students are challenged with close reading of an response to classic and adult level literature.

**Individualized Reading II** **Grade: 11-12**  
**906364 Credit: 1**

Individualized Reading is an elective course designed for students who are reading above grade level. The course focuses on independent reading and allows students to propose their own reading goals and selections, explore diverse genres, and respond to reading through writing and oral discussion. Students should be sufficiently self-directed and focused to read independently for an entire class period.

**Film as Literature** **Grade: 10-12**  
**906534 (AHS) Credit: 1**  
**906537 (LHS) Gifted Credit: 1**

This English elective will use films and film clips as a springboard for students to respond analytically to the medium, and to enable students to see the similarities and differences between books and films. Students will be required to read a certain number of texts, or parts of texts, or screen plays of the film selections presented. Extensive class discussion, journaling, and writing of compositions will help students to draw comparisons between the two media and explore

**Bible as Literature** **Grade: 10-12**  
**906684 Regular Credit: .5**  
**906687 Gifted Credit: .5**  
**906694 Regular Credit: 1**  
**906697 Gifted Credit: 1**

Bible as Literature provides an opportunity for students to develop an understanding and appreciation of the importance of the Bible in the cultural heritage of the Western world. Through the study of imagery, symbolism and allegory,

students gain insight into the biblical allusions that permeate literature. Through analysis of plots, characters, themes and styles characteristic of biblical literature, students develop awareness of the Bible as a rich literary source used by major writers of the world. The course is recommended for the mature junior or senior student with strong reading ability.

**African-American Literature      Grade: 10-12**  
**906604                                      Credit: .5**

African-American Literature offers selections in fiction, poetry, drama and non-fiction. The course is designed to develop insights into the richness of African-American literature and culture. The literature is explored in the context of the unique experiences of African-Americans, their issues, struggles and triumphs. (The course is paired with African-American History.)

**Publications I (Yearbook)              Grade: 10-12**  
**906504      Yearbook I                      Credit: 1**  
**906874      Video (YB I)                      Credit: 1**

Publications I (Yearbook) is a one-year course that introduces the student to the fundamental journalistic procedures required for the successful publication of a high school yearbook. Course content includes planning for book coverage, page design/layout, graphics, typography, writing, editing, photography, or videography, public relations, finance, advertising, ethics, and legal issues. Technology is integrated throughout the course. Enrollment is based upon application and teacher recommendation.

**Publications II (Yearbook)              Grade: 11-12**  
**906514      Yearbook II                              Credit: 1**  
**906894      Video YB II                                  Credit: 1**

Publications II (Yearbook) reinforces those skills acquired in Publications I (Yearbook). The student assumes greater responsibility in the planning, designing and financing of the yearbook for successful publication. Prerequisite: Publications I (Yearbook).

**Publications I (Newspaper)              Grade: 10-12**  
**906374    Credit: 1**

Publications I (Newspaper) is a newspaper publication course focusing on the basics of news-

writing, interviewing, layout and design with an emphasis on modern computer-based desktop publication. Enrollment is based on teacher recommendation and writing samples. Work on the newspaper mirrors real-life publication experiences, including deadlines and selling of advertisements.

**Publications II (Newspaper)              Grade: 11-12**  
**906384    Credit: 1**

Publications II (Newspaper) reinforces skills learned in Publications I. Second-year students commonly hold editorial, management and circulation positions. Second-year students assume leadership in all areas of newspaper production. Prerequisite: Publications I (Newspaper).

**Journalism I (Newspaper)                Grade: 10-12**  
**906454    Credit: 1**

This is a total newspaper publication course focusing on the basics of news-writing, interviewing, layout and design with an emphasis on modern computer-based desktop publication. Admission is based on teacher recommendations and on writing submissions. Work on the school newspaper mirrors real-life publication experience with adherence to deadlines and the selling of advertisement. Journalism is taught by a teacher certified in journalism.

**Journalism II (Newspaper)                Grade: 11-12**  
**906464    Credit: 1**

Journalism II (Newspaper) reinforces skills learned in Journalism I. Second-year students commonly hold editorial, management and circulation positions. Second-year students assume leadership in all areas of newspaper production. Journalism is taught by a teacher certified in journalism. Prerequisite: Journalism I (Newspaper).

**Science Fiction                                Grade: 11-12**  
**906554    Credit: .5**  
**906564    Credit: 1**

As an English elective, this class explores the literary genre of science fiction. The class activities are geared to reinforce the English Language Arts standards by developing aural/oral, reading, writing and research skills.

**Business English**                      **Grade: 11-12**  
**Credit: 1**

See **Business Courses** page 37.

**Multisensory Language Study Skills (Elective)**  
**Grade: 9-12**

**906724 MSL Study Skills I      Credit: .5**

**906734 MSL Study Skills I      Credit: 1**

**906744 MSL Study Skills II     Credit: .5**

**906754 MSL Study Skills II     Credit: 1**

**906764 MSL Study Skills III    Credit: .5**

**906774 MSL Study Skills III    Credit: 1**

**906794 MSL Study Skills IV    Credit: 1**

These elective courses are designed to provide students with a multisensory, structured language approach and strategies to support reading comprehension and written expression across the curriculum.

## **ENGLISH AS A SECOND LANGUAGE (ESL)**

**English I (ESL)**                      **Grade: 9-12**  
**904404 (LHS)**                      **Credit: 1**

This ESL course is designed for students whose second language is English. Students are enrolled on the basis of scores on district screening instruments. English I (ESL) is a comprehensive English course of literature, composition, and language, including listening and speaking. The study of literature includes reading and comprehending a wide variety of literary forms at an appropriate reading level, including short stories, nonfiction, poetry, drama, novels, and spoken and visual texts. The course offers supportive reading strategies for a variety of purposes. The study of composition focuses on the writing process through response to literature, creative writing and connections to real-life situations and problem solving. The study of problem solving. The study of language targets usage, mechanics and strategies for vocabulary development integrated into literature and composition components. Listening and speaking skills are developed throughout the course.

**ESL I**                                      **Grade: 9-12**  
**906104 (LHS)**                      **Credit: 1**

This ESL course is a beginning course for students whose second language is English. It is designed to assist students in acquiring basic communication

skills in English.

**ESL II**                                      **Grade: 9-12**  
**906154 (LHS)**                      **Credit: 1**

This ESL course is designed as a continuation of basic communication development for students whose second language is English. The students will develop reading and writing skills in English through the use of a variety of materials from their content area subjects.

**ESL III**                                      **Grade: 9-12**  
**906204 (LHS)**                      **Credit: 1**

This ESL course is designed to assist students whose second language is English in further developing their oral communication and literacy skills. The course uses content area material and other sources to develop skills in reading comprehension and to develop communicative competence.

**Reading I ESL**                      **Grade: 9-12**  
**906804 (LHS)**                      **Credit: 1**

This ESL course is designed to assist students whose second language is English in developing basic reading skills. The ESL students will read from a variety of materials and learn reading strategies that further comprehension. The students will also develop writing skills by written responses to their reading assignments.

**Reading II ESL**                      **Grade: 9-12**  
**906854 (LHS)**                      **Credit: 1**

This course is designed to develop skillful reading and writing by students whose second language is English. The ESL students will read from a variety of materials including various literary genres and non-fiction. They will learn reading strategies that further comprehension. The students will continue to develop writing skills through reader response activities.

**Sign Language I**                      **Grade: 11-12**  
**906904 (LHS)**                      **Credit: 1**  
**906924 (LHS)**                      **Credit: .5**

This course introduces the student to and prepares the student for the study of signed English and America Sign Language. Open to Juniors and Seniors. Permission of instructor is required. No lab fee.

**Sign Language II**  
**906954 (LHS)**  
**906974 (LHS)**

**Grade: 11-12**  
**Credit: 1**  
**Credit: .5**

This course introduces the student to and prepares the student for the study of signed English and America Sign Language. Open to Juniors and Seniors. Permission of instructor is required. No lab fee.

## **MATHEMATICS**

**Math I Elective**  
**912754**

**Grade: 9**  
**Credit: 1**

This course is divided into 12 categories. Both skills review and applications are included in each of the 12 areas. These areas are: Whole Numbers and Measurements; Fractions, Percents, and Decimals; Ratio, Proportions and Scale Drawings; Exponents and Metric System; Integers and Order of Operations; Algebra; Graphing Linear Functions; Statistics and Data Interpretation; Probability, Permutations and Combinations; Discrete Math; Geometry; Transformations. Criteria for Enrollment: Scored Unsatisfactory on the initial 8<sup>th</sup> grade LEAP 21 math test, but passed the retake test during the summer and in addition, student scored the lower portion of Approaching Basic on the initial 8<sup>th</sup> grade LEAP 21 math test.

**Math II Elective**  
**912764**

**Grade: 10-11**  
**Credit: 1**

Continuation of Math I Elective.

**Algebra I**  
**912104 Regular**  
**912105 Honors**

**Grade: 9**  
**Credit: 1**  
**Credit: 1**

This course is designed to increase mathematical knowledge as well as improve reasoning and problem-solving skills. The first semester presents information on variables, proportional reasoning, solving equations and inequalities. The second semester presents information on inequalities, data and chance, and Exponential functions. The students will also translate among tabular, graphical, algebraic, and verbal representations of functions including linear, and exponential growth and decay. Practical applications are stressed

when appropriate.

**Algebra I – Part I**  
**912804**

**Grade: 9**  
**Credit: 1**

Algebra I – Part I is an entry-level course that introduces students to algebraic concepts as they apply to the real world. Students will learn these concepts using a hands-on, concrete approach. Students investigate, through application, operations with rational numbers, the properties of those operations, ratio, proportional reasoning, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solutions of first-degree equations and inequalities.

**Algebra I – Part 2**  
**912184**

**Grade: 10**  
**Credit: 1**

Algebra I – Part 2 is a continuation of Algebra I – Part 1. Students enrolled in this course study in greater depth: operations with real numbers; the properties of those operations; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; operations with polynomials; solving simple quadratic equations; and using real-world problems to apply theory. Students will learn these concepts using a hands-on, concrete approach.

**Applied Algebra I**  
**#####**

**Grade: 11-12**  
**Credit: 1**

This course is designed to increase mathematical knowledge as well as improve reasoning and problem-solving skills through the use of *CORD Algebra I Mathematics in Context*. The first semester presents information on variables, proportional reasoning, solving equations and inequalities. The second semester presents information on linear function, systems of equations and inequalities. The students will also translate among tabular, graphical, algebraic, and verbal representations of functions including linear and exponential growth and decay. Practical applications are stressed when appropriate

**Geometry**

**Grade: 9-10**

**912154 Regular** **Credit: 1**

**912255 Honor** **Credit:1**

**912157 Gifted (LHS)** **Credit:1**

This course will be taught as practical geometry with hands-on emphasis. Proving theorems will not be the focus at this level. Geometry focuses on the study of visual patterns. The theorems of geometry will be used to describe the physical universe and to represent mathematical concepts. In the first semester of the course the student will first review geometric patterns, reasoning's and proofs, parallel and perpendicular relationships, midpoint and distance. In the second semester of the course students will study topics such as; triangle and quadrilateral characteristics and properties, similarity and trigonometry, area, surface area and volume of polyhedral as well as circles and spheres.

**Applied Geometry** **Grade: 10-11**

**##### Regular**

**Credit: 1**

This course is designed to increase mathematical knowledge as well as improve reasoning and problem-solving skills through the use of *CORD Geometry Mathematics in Context*. This course will be taught as practical geometry with hands-on emphasis. Proving theorems will not be the focus at this level. Geometry focuses on the study of visual patterns. The theorems of geometry will be used to describe physical universe and to represent mathematical concepts. In the first semester of the course the student will first review geometric patterns, reasoning's and proofs, parallel and perpendicular relationships, midpoint and stance. In the second semester of the course students will study topics such as; triangle and quadrilateral characteristics and properties, similarity and trigonometry, area, surface area and volume of polyhedral as well as circles and spheres.

**Algebra II** **Grade: 10-11**

**912204 Regular** **Credit: 1**

**912205 Honors** **Credit: 1**

**912207 Gifted (LHS)** **Credit: 1**

In the first semester of the course the student will first review major concepts from Algebra I and Geometry before continuing into more complex topics. They will then learn to solve one and two variable equations, and those equations involving

inequalities and absolute values. The students are introduced to functions, relations and their graphs. A study of polynomials and rational expressions and their operations are included. The second semester introduces students to irrational and complex numbers, quadratic functions and conic sections. Students also learn how to solve linear equations in three variables and also work with logarithms, matrices and sequences. The use of graphing calculators is incorporated in this course.

**Essentials of Mathematics** **Grade: 11-12**

**##### Regular**

**Credit: 1**

*Essentials of Mathematic* is a course that will review and extend the concepts from Algebra I and Geometry. The course will include exploration of ratio, proportion, percent, odds, probability, properties of functions such as linear and quadratic. It will also include reading, interpreting and analyze statistics presented in a variety of formats, geometric concepts such as distance, midpoint and the Pythagorean Theorem. It will also include transformation of polygons, relationship between surface area and volume. The students will also translate among tabular, graphical, algebraic, and verbal representations of functions including linear, quadratic and exponential growth and decay. There is also a strong focus on GEE remediation with an emphasis on career mathematics topics. The use of graphing calculators is incorporated. The course is recommended for students NOT wishing to receive TOPS.

**Advanced Math I Pre-Calculus** **Grade: 11-12**

**912405 Honors** **Credit: 1**

This course combines two semester courses, Trigonometry and Analysis/Advanced Math/Pre-Calculus into a full-year course. Emphasis is placed on circular and trigonometric functions, the definitions and analysis of these functions, and their graphs; their inverses are also a part of the

course. Verification of trig identities; using the laws of sines and cosines, solving right triangles with applications and working with complex numbers in standard and trigonometric are also included. Further study includes explore functions and property of functions such as linear, quadratic, exponential, logarithmic, polynomial, and special functions. Students work with sequences, series and their applications. Matrix operations as well of logarithms and limits are covered. The use of graphing calculators is incorporated. Prerequisites: Successfully completed Algebra II.

**Advanced Math Functions and Statistics**  
**Grade: 11-12**  
**912224** **Credit: 1**

Advanced Math Functions and Statistics is a college-prep course that will review and extend the concepts from Algebra II, which include the exploration and properties of functions such as linear, quadratic, exponential, logarithmic, polynomial and special functions. An introduction of circular and trigonometric function, the definitions and analysis of these functions, and their graphs; their inverses are also a part of the course. The course should include verification of trig identities using the laws of sines and cosines, and solving right triangles with applications. Realistic problem solving in concrete situations are emphasized. There is also a strong focus on ACT preparation. The use of graphing calculators is incorporated. Successfully completed Algebra II is a prerequisite. The course is recommended for college-bound students who are not potential science and engineering majors.

**Probability and Statistics** **Grade: 11-12**  
**912656 AP** **Credit: 1**  
**912658 Gifted (LHS)** **Credit: 1**

This course builds upon basic concepts of probability and statistics developed in the K-8 mathematics curriculum. In addition to addressing basic concepts in greater depth, more advanced ideas in probability and statistics are introduced in real-life contexts. Topics include probability distributions, including binomial and normal distributions; analysis of data; measures of central tendency and variability; random variables; random

sampling; central limit theorem; confidence intervals; hypothesis testing; and curve fitting. The course should include both descriptive and inferential statistics. Connections between statistical concepts should be applied in real-world situations to demonstrate the relevancy of these topics. This is a graphing calculator dependent course. Successfully completed Algebra II is a prerequisite. This course is recommended for college-bound students who are not potential science or engineering majors.

**Financial Math** **Grade: 11-12**  
**912284** **Credit: 1**

This course is designed to focus on mathematical concepts and applications needed for the design and management of personal and business finances. Financial Mathematics serves as a foundation for all students to learn to make mathematically sound decisions in their roles as consumers, employees, and/or entrepreneurs. This course extends students' knowledge of whole numbers, fractions, decimals, and percents as well as basic statistics and probability, algebra, geometry, and data analysis in the context of relevant real-life problem-solving situations. Emphasis is placed on various mathematical processes which include manual or electronic calculations of payroll, income tax preparations, interest computation, consumer information, managing income, buying insurance, selling and buying, making sound credit and investment decisions and other items that may be related to personal and business transactions. Mathematical and communication skills are reinforced in this course as well as critical-thinking skills through applications of math in personal finance and in business

**Calculus** **Grade: 11-12**  
**912455 Honors** **Credit: 1**  
**912456 AP** **Credit: 1**  
**912457 (LHS) Gifted** **Credit: 1**

This introductory course in calculus is primarily concerned with an intuitive understanding of the concepts of calculus and with experiencing its methods applications. The course introduces students to topics in differential and integral calculus. Topics covered include analytic geometry, properties of functions and their graphs,

limits, continuity, derivatives, and indefinite and definite integrals. Additional topics investigated include differentiation and integration of algebraic, exponential, logarithmic, and trigonometric functions by applying formulas and theorems, such as the Mean-Value Theorem and the Fundamental Theorem of Calculus. Applications of the derivative and definite integral include curve-sketching, area under a curve, volumes of solids of revolution, optimization problems, growth and decay problems, and their applications to real-life situations. Prerequisites: Successfully completed Advanced Math.

**Calculus II** **Grade: 11-12**  
**912505 Honors Credit: 1**  
**912507 (LHS) Gifted Credit: 1**

The primary objective of Calculus II is to provide students with experience in applications of Calculus I, advanced integration techniques, polar coordinate, hyperbolic functions, vectors and elementary differential equations. Students should have completed Calculus I satisfactorily to enroll in this course. Students in Calculus II should consider taking the AP test for Calculus credit in college advanced Math.

## **TECHNOLOGY COURSES** \*\*\*\*\*

**Independent Studies in Technology Application**  
**908054** **Grade: 10-12**  
**Credit: 1**

This course is an advanced level course designed to build upon concepts of technology applications addressing basic and more advanced applications of technology in the context of authentic situations. Students are required to pose hypotheses/questions related to a selected problem; work with a mentor; develop and apply advanced technology application skills; analyze information; produce, documentation of original work and

publish the product in electronic media and print. Prerequisite: Completion of a high school technology course as identified in the Bulletin 741 and permission of the instructor/mentor for Independent Study in Technology Applications. Note: This is a performance and production class with new problems and technology tasks each year and can only be repeated a maximum of two times.

**Computer Technology Literacy** **Grade: 9-12**  
**908104** **Credit: 1**

This semester course is designed to acquaint students with basic principles and terminologies associated with the computer and the computer's growing role in business and society. The students will be exposed to programming, understanding the computer's hardware and software, its history and its impact on society.

**Computer Architecture** **Grade: 11-12**  
**952504** **Credit: 1**

In this course, students will be taught basic computer maintenance, repair and troubleshooting techniques. With these skills, students will develop systematic problem-solving skills, team work, workplace readiness skills, ethics, reliability, record keeping, on-site job mentoring, and phone skills. Students will also disassemble several generations of computers and reassemble them, noting similarities and differences between the various models. As each computer is disassembled and reassembled, various faults will be inserted into them, and students will have to discuss in groups what the best solutions to the problem are. Criteria for Enrollment: Juniors and Seniors with a 2.5 grade point average, strong interest in the subject matter and teacher recommendations. Prerequisites: Algebra I or higher, Physical Science or higher, Computer Science.

**Multimedia Development** **Grade: 11-12**  
**908404** **Credit: 1**

This is a course in Digital Media Development. Students will develop a basic understanding of how a computer stores and manipulates digital information, how to build spreadsheets and layout documents for publishing, demonstrate a basic understanding of the concepts associated with

digital media production and perform basic operations associated with image editing. Additional instruction will be provided on methods to acquire, edit, and export digital sound; assemble interactive and non-interactive multimedia presentations; create and edit digital video clips and shorts; and build and edit basic 3-D animations. Prerequisites: Successfully completed or currently enrolled in Algebra II.

**Computer Science I**                      **Grade: 10-12**  
**908204**                                      **Credit: 1**

This course will cover the functional parts and basic operation of the personal computer. Programming in basic will be taught with emphasis on problem-solving skills. Basic word processing skills will be incorporated into the curriculum. Internet access will be available to all students. A local area network will introduce students to data communications. The windows environment will be used to allow students to access information quickly and easily. Prerequisite to Computer Science II.

**Computer Science II**                      **Grade: 10-12**  
**908304 Regular**                      **Credit: 1**  
**908305 Honors**                      **Credit: 1**

This course will introduce the student to programming in C++ programming languages with emphasis on problem-solving skills. Students are on the computer programming independently approximately 75% of the time. In order to schedule Computer Science II a student should have passed Computer Science I with an A or B. Without meeting this criteria, a student must have written permission of the Computer Science II teacher and his/her parents. Computer Science AP can be scheduled only with permission from the instructor.

**Digital Graphics and Animation** **Grades 10-12**  
**908504**                                      **Credit: .5**

In the Digital Graphics course, students will use graphics, images, and/or video to create content-oriented productions. The media used within these productions will be developed, edited, or otherwise manipulated by the students. Final

products should reflect multimedia elements, knowledge of design theory, effective use of productivity tools, and the conveyance of content-rich information.

**Web Mastering**                      **Grades 10-12**  
**908604**                                      **Credit: .5**

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

**SOCIAL STUDIES**

**World Geography**                      **Grade: 9-11**  
**916204**                                      **Credit: 1**

In this course, students will develop a basic understanding of geographical terms and concepts, the connections between people and concepts, the connections between people and places and the relationship between man and his environment. This course may be taken to satisfy one of the three required units in social studies needed for graduation. This course is recommended for freshmen.

**World Geography**                      **Grade: 9-12**  
**916205**                      **Honors**                      **Credit: 1**

This course is designed to enhance critical thinking and to foster student research in geography. Students will develop an understanding of geographical terms and concepts, the earth's surface, processes that shaped the earth, and the connections between people and places. The course will also include a comprehensive survey of designated geographical areas of the world. This

course may be used to satisfy one of the three social studies units required for graduation. This course is recommended for freshmen.

**World Geography** **Grade: 12**  
**916254** **Credit: 1**

In this course, students will develop a general understanding of geographical concepts, the connections between people and places, and the relationship between man and his environment. This course can be taken to earn one of the three social studies units required for graduation.

**Civics** **Grade: 10-12**  
**916104** **Credit: .5**

This course will focus on the rights and responsibilities of citizens as active participants in the American Political System. Students will develop a basic understanding of the principles, structures and function of federal, state and local governments. This semester course is required for graduation and is recommended for Sophomores. This course is paired with Free Enterprise.

**Civics** **Grade: 10-12**  
**916105 Honors** **Credit: .5**  
**916107 (LHS) Gifted** **Credit: .5**

This course is required for graduation and is recommended for Sophomores. Students will develop a general understanding of the principles, structures and functions of federal, state and local government, the role of the United States in the world, and the rights and responsibilities of citizenship. This semester course is paired with Free Enterprise.

**Civics** **Grade: 9**  
**916115 Honors** **Credit: .5**

This course will focus on the rights and responsibilities of citizens as active participants in the American Political System. Students will develop a basic understanding of the principles, structures and functions of federal, state and local governments. This course is required for graduation and is paired with Free Enterprise.

**Free Enterprise** **Grade: 10-12**  
**916454** **Credit: .5**

In this course, students will develop a basic understanding of economic terms and concepts as

they study about the American economic system. Students will also learn how to make responsible economic decisions as consumers, wage earners and voters. A career investigation unit will be included to assist students in preparing for the future. This semester course is paired with civics and is recommended for Sophomores. This course is required for graduation..

**American History** **Grade: 11**  
**916154** **Credit: 1**

In the course, students will survey the political, economic and cultural developments of the United States from the Reconstruction period to the present. This full-year course is recommended for juniors and is required for graduation.

**American History** **Grade: 11**  
**916155 Honors** **Credit: 1**

In this course, students will trace the development of modern industrial United States by exploring the impact that events such as the Industrial Revolution, immigration, urbanization, the Roaring 20's, the two World Wars, the Great Depression, the Civil Rights Movement, the Cold War Conflict and the Vietnam War had on the country. This course is recommended for juniors and is required for graduation.

**American History II** **Grade: 11**  
**916156 AP** **Credit: 1**  
**916147 (LHS) Gifted** **Credit: 1**

This course is designed for highly motivated students who wish to study United States history at a college-preparatory level. Students in this course are guided in preparing to take the Advanced Placement examination in U.S. History. The focus is U.S. History. The focus is U.S. History from the period of exploration to the present. This course is recommended for juniors and is taken to satisfy the American History requirements for graduation. Teacher recommendation and prerequisites may apply.

**American History II** **Grade: 11-12**  
**916175** **Credit: 1**

American History I covers industrialization through the present day. This social studies elective is an intensive study of American history from exploration to reconstruction. American

History II will also serve as preparation for advanced placement testing.

**World History** **Grade: 11-12**  
**916404** **Honors** **Credit: 1**  
**916417 (LHS)** **Gifted (9<sup>th</sup>)** **Credit: 1**

This course is for upper classmen who may wish to study world history at the college level. The primary focus of the course will be on World History from 1450 to the present. This course is recommended for juniors and seniors. The course may be taken to satisfy one of the social studies units required for graduation.

**World History** **Grade: 11-12**  
**916405** **Honors** **Credit: 1**  
**916407 (LHS)** **Gifted (10-12)** **Credit: 1**

This course is designed for students who wish to study world history for their own benefit as well as prepare for the college-level study of western civilization. The course will cover World History from 1450 to the present. Students will gain an understanding of the factors that contributed to the emergence of national states, the establishment of democratic ideas in European governments and how imperialistic ideas of the major nations affected world peace. This course is recommended for juniors and seniors and may be taken to satisfy one of the social studies units required for graduation.

**American Government** **Grade: 12**  
**916504** **Credit: 1**  
**916506** **AP** **Credit: 1**  
**916507** **Gifted** **Credit: 1**

This United States Government and Politics course covers the following major content areas: constitutional underpinnings of United States government; political beliefs and behaviors; political parties, interest groups, and mass media; institutions of national government; the Congress, the presidency, the bureaucracy, and the federal courts; public policy; and civil rights and civil liberties.

**Western Civilization** **Grade: 11-12**  
**916654** **Credit: 1**  
**916656** **AP** **Credit: 1**  
**916657 (LHS)** **Gifted**

This course is designed for highly motivated students who wish to study European history at a

college-preparatory level. The course concentrates on European history from 1450 to the present. Students enrolled in AP or Gifted are guided in preparing to take the Advanced Placement examination. This course is recommended for seniors and may be used to satisfy one of the social studies units needed for graduation. Teacher recommendation and other prerequisites may apply.

**African American Studies** **Grade: 11-12**  
**916804 (I)** **Credit: .5**  
**916854 (II)** **Credit: .5**

This course is a detailed examination of the journey of Black Americans from their origin in the civilizations of Africa, through slavery in the Western Hemisphere, to their struggle for freedom and equality in the United States. Students explore contemporary issues relevant to the Black experience as well as their contribution to this nation and the world.

**Psychology** **Grade: 11-12**  
**916354** **Regular** **Credit: 1**  
**916355** **Honors** **Credit: 1**

This course is designed to give students a broad view of psychology as a science and as a tool for personal development. Students will explore areas such as principles of learning and the processes of thinking, both of which are intended to help students in other subject areas. Other areas of study include human behavior and personality development. This course is recommended for juniors and seniors.

**Forensic Psychology** **Grade: 11-12**  
**916374** **Credit: 1**

This course focuses upon the application and practice of psychology in both the civil and criminal justice systems with the following topics examined in depth: police and investigative psychology, family forensic psychology, psychology of crime and delinquency, victimology and victim services, legal psychology, expert witness testimony, consulting psychology, expert witness testimony, consulting psychology, and correctional psychology. Prerequisite: Law I or Forensic Science.

**Sociology** **Grade: 11-12**  
**916304** **Regular** **Credit: 1**

**916305 Honors Credit: 1**

This course is designed to give a broad view of human society and social behavior. The course will emphasize group behavior and the social interaction of people. Students will study culture, socialization, human development, education, collective behavior and social change. This course is recommended for juniors and seniors.

**General//GEE 21 Social Studies Grade: 10-12**

**916973 Credit: .5**

**916983 Credit: 1**

General//GEE 21 is designed to prepare students for GEE testing in Social Studies. Course work will cover all areas of geography, history, economics, and government, as well as map/resource skills. This course will make use of historical and current events in social studies through the use of technology, projects, and real-world experiences. This program will provide students with differing abilities the opportunity to learn social studies that will carry on into real-life experiences.

**Law Studies I/Practical Law Grade: 11-12**

**916554 Credit: .5**

**916564 Credit: 1**

“Law Studies and Practical Law” is a course designed to provide students with practical information about the law, and to provide problem-solving opportunities that will assist in the development of knowledge and skills necessary to succeed in today’s society. The course will include a study of the major types of law (criminal, civil, juvenile, etc.), as well as the U.S. Constitution and major civil rights laws.

**Law II Grade: 11-12**

**916574 (NHS) Credit: .5**

**916584 (NHS) Credit: 1**

This course provides an in-depth exploration of the criminal justice system which facilitates learning the components of American justice, gaining a broadened view on diverse perspectives. This course will also give second year law studies students the opportunity to participate in mock trial competition. The second semester will focus on business and personal law, with special emphasis

on business and family law. Prerequisite: Law Studies I.

**Law Debate**

**916907**

**Grade: 11-12**

**Credit: 1**

**Leadership**

**916967 (LHS) Gifted**

**Grade: 11-12**

**Credit: 1**

This course is designed to meet the needs of the gifted student as well as the larger needs of our American society. Building on the foundational elements of character education, this course is designed to teach specific and tangible leadership skills, such as group dynamics, leadership styles, conflict management, problem solving, time management, project management, and meeting organization. Also provided is the opportunity to implement the skills in the real setting of either a curricular or extracurricular activity. It can be Assuming this is true, this course will provide a reported that leaders are made, not born. springboard into leadership roles for high school years and beyond.

**Leadership II**

**916927 (LHS) Gifted**

**Grade: 11-12**

**Credit: 1**

**SCIENCE**

**Geology**

**920464 Dual Enrollment**

**Grade: 10-12**

**Credit: 1**

**General//GEE 21 Science**

**920122**

**920112**

**Grade: 11**

**Credit: .5**

**Credit: 1**

The General/Physical Science Elective is a specialized course for students who wish for a combination of life and physical science. It offers "hands-on, minds-on" activities. It is a course that makes use of current events and timely issues in science through the use of Internet research, magazine subscriptions, library projects, guest speakers, field trips, etc. The program attempts to provide students with differing abilities the

opportunity to learn science in a way that will make them lifelong learners. Criteria for Enrollment: Students who scored low or did not pass the GEE 21 ELA as a 10th grader. These students will be first time GEE 21 test takers in science.

**Physical Science** **Grade: 9**  
**920154 Regular** **Credit: 1**  
**920155 Honors** **Credit: 1**

Physical Science is the study of the major concepts of two sciences – chemistry and physics. The first semester covers the chemistry aspect of the course. Topics covered include properties of matter, atomic theory, chemical elements and the periodic chart, chemical interactions, and organic chemistry. The second semester is concerned with the physics portion of the course. Topics covered are force and acceleration, motion, work, energy, waves, sound, light and lenses, the spectrum, electricity, and magnetism. This course is recommended for all freshmen.

**Biology I** **Grade: 9-10**  
**920205 Regular** **Credit: 1**  
**920205 Honors** **Credit: 1**  
**920207 (LHS) Gifted** **Credit: 1**  
**920225 Honors (9<sup>th</sup>)** **Credit: 1**

This course gives the student an understanding of the principles and concepts of living things and their organization. The student is introduced to the laboratory setting and investigates plant and animal life. The course includes a study of cells, genetics, and the higher orders. All college-prep students may take Honors Biology I. Ninth grade students enrolled in Geometry (H) may be enrolled in Biology I (H) 920225. Physical Science is the recommended course for all freshmen.

**Biology II** **Grade: 11-12**  
**920255 Honors** **Credit: 1**  
**920257 (LHS) Gifted** **Credit: 1**

Biology II is designed for the student who has a strong interest in biology. 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.

**Marine Biology** **Honors** **Grade: 11-12**  
**920275** **Credit: 1**

**Chemistry I** **Grade: 10-12**  
**920354 Regular** **Credit: 1**  
**920355 Honors** **Credit: 1**  
**920357 (LHS) Gifted** **Credit: 1**

Chemistry is a course designed to introduce the basic principles of chemistry through laboratory and classroom experiences. First semester topics to be covered are measurements, atomic structure, bonding, formulas, and chemical equations. Second semester topics are stoichiometry, behavior of gases, solutions, acids and bases, and general organic chemistry. All college-prep students should take Chemistry I. Students enrolled in chemistry must have passed or be enrolled in Algebra II.

**Chemistry II** **Grade: 11-12**  
**920605 Honors** **Credit: 1**  
**920607 (LHS) Gifted** **Credit: 1**

Chemistry II includes in-depth studies of all of the above with the addition of thermodynamics, oxidation/reduction, reaction rates, nuclear, organic, and physical chemistry. Lab activities are required as part of the course. Chemistry I is a prerequisite for this course.

**Chemistry III (Organic)** **Grade: 11-12**  
**920987 (LHS) Gifted** **Credit: 1**

Topics include structure, preparation, reaction mechanisms, nomenclature and stereochemistry of alkanes, alkenes, alkynes, alcohols, ethers, ketones, aldehydes, alkyl halides, aromatic compounds, carboxylic acids and their derivatives, amines, amides and carbohydrates. Students develop familiarity with functional groups and transition from applying carbocation reaction mechanisms to carbanion intermediate chemistry. Organic chemistry is designed for students planning to major in chemistry, chemical engineering or medicine. Prerequisite: Gifted Chemistry II.

**Chemistry (Chem Com)** **Grade: 10-11**  
**920358** **Credit: 1**

Chemistry in the Community (Chem Com) satisfies the requirements for chemistry. However, the emphasis of this course is on chemistry concepts taught through environmental chemistry. Industrial and vocational applications of chemistry are explored as topics of the regular chemistry

curriculum. This course satisfies the requirement for chemistry and was designed for the average student. Prerequisite is physical or integrated science.

### **Integrated Science**

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#### ***Career Diploma Students Only***

Integrated Science is an inquiry and laboratory-based study of how earth and space, life, physical and environmental sciences relate to each other in the everyday world. This course provides a strong foundation in the sciences. Mathematics skills through pre-algebra are used in problem solving.

**Grades: 9**

**Credit:**

### **Environmental Science**

**920304 Regular**

**920305 Honors**

The purpose of the course is to raise the level of environmental knowledge among the students. Scientific principles are used to study the processes of the environment in order to understand the environment and the problems associated with it, some basic chemistry must be understood. The structure of matter and how it functions is required knowledge. During the first semester, students will gain an understanding of ecological and biological organization. Next, students will learn about the dynamics of an ecosystem. A special unit called "Louisiana Wild" enables students to appreciate the uniqueness and importance of Louisiana Wetlands. The second semester deals with the many forms of pollution and what has to be done to solve our problems within our biosphere. From this course, students should gain a better understanding of the human struggle and a greater appreciation of our existence here on Earth. Students will spend one six-week period on the Nature Trail for wildlife conservation work. Prerequisite: Students must obtain at least one credit in Biology before enrolling in environmental science.

**Grade: 11-12**

**Credit: 1**

**Credit; 1**

### **Earth Science**

**920454**

**920455 Honors**

This course is designed to give students an

**Grade: 10-12**

**Credit: 1**

**Credit: 1**

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

### **Physics for Technology I**

**920508**

This Applied Physics course provides an understanding of the principles of technology and the associated math skills. It helps students to develop the skills necessary to adapt themselves to the work force and its changing experiences. Students will develop the ability to apply the principles of physics. This course is also recommended for those students pursuing careers in the technical schools. Physics for Technology identifies and describes in practical language the seven technical principles of force, work, resistance, energy, power, and force transformers. Video presentations and hands-on experiences provide students with critical thinking skills in order to analyze and use information in the workplace.

**Grade: 11-12**

**Credit: 1**

### **Physics for Technology II**

**920558**

Physics for Technology II is a continuation of Physics for Technology (Principles of Technology I). Physics of Technology II consists of seven units of study. Each unit of study is divided into four subunits based on systems: mechanical, fluid, electrical, and thermal systems. The seven units are momentum, waves and vibrations, energy converters, transducers, radiation, light and optical systems, and time constants. Principles of Technology II was developed for the average student, not for honor students. It was designed to show students the application of the concept rather than the theory behind the concept or scientific law. In addition to laboratory work, students learned from video presentations, teacher lecture, demonstrations, and class discussion, and from computer lessons that correspond directly to the

**Grade: 11-12**

**Credit: 1**

course-work. Prerequisite: Physics for Technology I.

<b>Physics I</b>		<b>Grade: 11-12</b>
<b>920405</b>	<b>Honors</b>	<b>Credit: 1</b>
<b>920406</b>	<b>AP</b>	<b>Credit: 1</b>
<b>920407 (LHS)</b>	<b>Gifted</b>	<b>Credit: 1</b>

The course includes the study of force, motion, work, energy, machines, fluids, magnetism, electricity, electronics, radiation, sound and light. This is a laboratory-based course, which will deal with application of the natural laws and with problem solving. Honors Physics is a recommended pre-requisite for any student needing to schedule physics in college. Physics is also recommended to all college-prep students as an introduction to a college-level format and to enhance higher order thinking skills with emphasis on reading comprehension and mathematics application. Students must have completed or be enrolled in Trigonometry and Analysis.

<b>Physics II</b>		<b>Grade: 11-12</b>
<b>920555</b>	<b>Honors</b>	<b>Credit: 1</b>
<b>920556</b>	<b>AP</b>	<b>Credit: 1</b>
<b>920557 (LHS)</b>	<b>Gifted</b>	<b>Credit: 1</b>

This course is designed for advanced math and science students. An in-depth study of electricity, magnetism, electronics wave mechanics, radiation will be provided. Students should be enrolled in or complete a Calculus I. Prerequisite for this course is Physics I.

<b>Astronomy (Science Elective)</b>	<b>Grade: 9-12</b>
<b>920654</b>	<b>Credit: 1</b>

Students that embark on an adventure through astronomy will stand on the shoulders of past great scientists as they employ scientific skills such as making observations, collecting data, formulating hypothesis and testing theories. Most importantly, these students will obtain a greater understanding of the nature of science and an appreciation of our place in the universe

<b>Forensic Science</b>	<b>Grades: 11-12</b>	
<b>920785</b>	<b>Honors</b>	<b>Credit: 1</b>

In addition to the text, many scientific based investigations are used to teach this course. Students study crime scene analysis and management, fingerprinting, serology, DNA, hair fiber and handwriting analysis, search and seizure laws and more. Field trips, as well as guest speakers, expand and enhance learning. Through

cooperative discussions, students use technology, current forensic science equipment and materials to simulate activities that closely resemble real tasks of law enforcement personnel and forensic scientists. Documentation of student findings through lab reports and legal briefs are presented to a student court and jury. Prerequisite or corequisite: Biology I with a C or better.

<b>Molecular Genetics I</b>	<b>Grade: 11</b>	
<b>920705</b>	<b>Honors</b>	<b>Credit: 1</b>

This course incorporates the study of microbiology with special emphasis on DNA. Students will learn basic microbiology, including the following: history and importance of microbiology, the role of microbiology in our lives, different kinds of culture media, culture techniques, aseptic techniques, etc. With this knowledge the student will progress to DNA science-molecular biology/genetic engineering. Prerequisites for this course are Biology I and Chemistry.

<b>Molecular Genetics II</b>	<b>Grade: 12</b>	
<b>920715</b>	<b>Honors</b>	<b>Credit: 1</b>

This course is concerned with the advanced study of DNA with high school seniors serving as mentors to junior high school students. The maximum number of student interns will be twenty per semester. The course will be in two parts: (1) learning new advanced techniques, and (2) teaching basic techniques to middle school students. As a spin-off of this elective, students will be placed in various professional labs in the area for field experience. Molecular Genetics I is a prerequisite for this class.

## PHYSICAL EDUCATION

(Students can accumulate only 3.5 credits in physical education)

<b>Physical Education I</b>	<b>Grade: 9</b>	
<b>924104</b>	<b>Females</b>	<b>Credit: .5</b>
<b>924154</b>	<b>Males</b>	<b>Credit: .5</b>
<b>624674</b>	<b>Females</b>	<b>Credit: .5</b>
<b>924684</b>	<b>Males</b>	<b>Credit: .5</b>

924724 Females Credit: .5  
 924744 Males Credit: .5  
 924784 Co-Ed Credit: .5

This is a required course for graduation. The course is designed to expose every student to activities useful as lifetime recreational pursuits. The course also introduces physical fitness as part of the curriculum. Required units in Physical Education I are as follows: basketball, bowling, flag football, physical fitness, softball, and track and field. This course must be paired with Health Education.

**Health Education** Grade: 9  
 924704 Co-Ed Credit: .5  
 924644 Males Credit: .5  
 624654 Females Credit: .5  
 924664 Comp. H.M. Credit: .5  
 924694 Females Credit: .5  
 924764 Co-Ed Credit: .5

This is a course required for graduation. Health Education is a semester course which contains instruction in CPR, nutrition, personal health, safety and first aid, substance use and abuse, family living, mental and emotional health, environmental and community health, and communicable and noncommunicable diseases. In addition, there will be 16 hours of state-mandated substance abuse prevention training. This course must be paired with Physical Education I.

**Physical Education II** Grade: 10  
 924204 Females Credit: 1  
 924254 Males  
 Credit: 1  
 924200 Co-Ed  
 Credit: 1

This course is required for graduation. Physical Education II will focus on presenting students with a wide variety of sports and leisure activities, which will enable them to achieve and maintain a healthy lifestyle. Units offered are as follows: aerobics, archery, bowling, floor hockey, hockey, physical fitness, recreational games, softball, tennis and volleyball.

**Physical Education II (Athletics)** Grade; 10

924214 Females Credit: 1  
 924224 Females Credit: 1  
 924234 Females Credit: 1  
 924244 Females Credit: 1  
 924264 Males Credit: 1  
 924274 Males Credit: 1  
 924284 Males Credit; 1  
 924294 Males Credit: 1

This course can only be scheduled with the approval of a coach.

**Physical Education III** Grade: 11  
 924304 Females Credit: 1  
 924354 Males Credit: 1

This course focuses on fostering an awareness of the fitness lifestyle. Skills and techniques will be taught in a wide variety of weight training exercises. Proper stretching techniques, the energy cycle and its functions, aerobic exercises and proper nutritional habits will also be addressed.

**Physical Education III (Athletics)** Grade: 11

924314 Females Credit: 1  
 924324 Females Credit: 1  
 924334 Females Credit: 1  
 924364 Males Credit: 1  
 924374 Males Credit: 1  
 924384 Males Credit: 1  
 924394 Males Credit: 1

This course can only be scheduled with the approval of a coach.

**Physical Education IV** Grade: 11-12  
 924444 Females Credit: 1  
 924454 Males Credit: 1

This course is an advanced course building on the skills learned in prior physical education courses.

**Physical Education IV (Athletics)** Grade: 11

924414 Females Credit: 1  
 924424 Females Credit: 1  
 924434 Females Credit: 1  
 924464 Males Credit: 1  
 924474 Males Credit: 1  
 924484 Males Credit: 1  
 924494 Males Credit: 1

This course can only be scheduled with the approval of a coach.

**Fit for Life** Grade: 11-12  
 924504 Co-Ed Credit: 1

**924554 Females Credit: 1**

**924604 Males Credit: 1**

This course emphasizes lifetime sports, leisure pursuits, and the importance of physical fitness. Careers related to recreation and physical education, body building, intramural and outdoor education will be addressed.

**Navy ROTC: OCHS and NHS**

**Navy Junior ROTC I Grade: 9-12**

**924824 Credit: 1**

**Navy Junior ROTC I Grade: 10-12**

**(9<sup>th</sup> period)**

**924834 Credit: 1**

The purpose of Junior ROTC I is to introduce students to the meaning of citizenship, the elements of leadership, and the value of scholarship in attaining life goals; engender a sound appreciation for the heritage and traditions of America, with recognition that the historically significant role of sea power will be important in America's future; develop in each cadet a growing sense of pride in his/her organization, associates, and self. Prerequisites: A student must be a United States citizen; be physically able to participate fully in PE; project a presentable appearance; be making satisfactory academic progress toward graduation; and obtain the recommendation of the Naval Science instructor in order to enroll in Junior ROTC I.

**Navy Junior ROTC II Grade: 10-12**

**924844 Credit: 1**

**Navy Junior ROTC II(9th Period)**

**Grades: 10-12**

**924854 Credit: 1**

The purpose of Junior ROTC II is to build on the general introduction provided in NJROTC I, to further develop the traits of citizenship and leadership in cadets, introduce cadets to technical areas of Naval Science, and engender a deeper awareness of the vital importance of the world oceans to the continued well-being of the United States. Prerequisite: Junior ROTC I and approval of the Naval Science instructor.

**Navy Junior ROTC III Grades: 11-12**

**924864 Credit: 1**

**Navy Junior ROTC III Grades: 11-12**

**(9th Period) Credit: 1**

The purpose of Navy Junior ROTC III is to broaden the understanding of students in the operative principles of military leadership, the concept and significance of teamwork, the intrinsic value of good order and discipline in the accomplishment of objectives, the fundamentals of American democracy, and to expand their understanding of naval academic subjects. Prerequisite: Junior ROTC II and approval of the Naval Science Instructor.

**Navy Junior ROTC IV Grade: 12**

**924884 Credit: 1**

**Navy Junior ROTC IV Grade: 12**

**(9th Period)**

**924894 Credit: 1**

The purpose of Navy Junior ROTC IV is to focus solely on practical leadership. The intent is to assist the senior in understanding leadership and improving their leadership skills by putting them in position of leadership, under supervision, then helping them analyze the reasons for their varying degrees of success through the year. Classroom activities include seminars, reading assignments, classroom presentations, and practical work with younger cadets. Prerequisite: Junior ROTC III and approval of the Naval Science Instructor. May be taken at the same time as Junior ROTC III with approval.

**Air Force ROTC: AHS**

**Air Force Junior ROTC I Grades: 9-12**

**924924 Credit: 1**

This course consists of Leadership Education and Aerospace Science. Leadership Education introduces students to the meaning of citizenship, elements of leadership, and the importance of scholarship in attaining goals. It exposes students to the heritage and traditions of the United States Air Force. During the Aerospace Science portion of the course, students will be exposed to either *A Journey into Aviation History*, *Global and Cultural Studies*, or *The Science of Flight*, depending on the year they enter the program (these courses rotate year to year for students in their first three years of AFJROTC). Through the course, the instructors strive to develop in each cadet a growing sense of pride in the team, as well as in

themselves. This course is offered every year.  
Prerequisites: Students must be a United States citizen; able to participate in PE; project a good appearance; make satisfactory academic progress toward graduation; and obtain the recommendation of the Aerospace Science Instructor

**Air Force Junior ROTC II**                      **Grade: 9-12**  
**924944**    **Credit: 1**

This course consists of Leadership Education and Aerospace Science. Leadership Education builds on the lessons of citizenship and leadership while providing students with a better understanding of themselves and others. It further exposes students/cadets to the importance of group behavior and teamwork, communication, and how to solve problems as members of groups. After AFJROTC I, students will take either this course, AFJROTC III or AFJROTC IV, depending on the year they enter the program. During the Aerospace Science portion of the course, students will be exposed to either *A Journey into Aviation History, Global and Cultural Studies*, or *The Science of Flight*, depending on the year they enter the program (these courses rotate year to year for students in their first three years of AFJROTC). Through the course, the instructors will continue to develop in each cadet a sense of pride in themselves, as well as other members of the team. Prerequisites: Completion of AFJROTC I and the prerequisites described for AFJROTC I.

**Air Force Junior ROTC III**                      **Grades: 10-12**  
**924964**    **Credit: 1**

This course consists of Leadership Education and Aerospace Science. Leadership Education continues to build on the lessons of citizenship while providing cadets information that is important to them when considering either a vocation or college. It acquaints cadets with the process of applying for college, properly applying for a job, responding well during interviews, and seeking career opportunities. After AFJROTC I, students will take either this course, AFJROTC II or AFJROTC IV, depending on when they enter the program. During the Aerospace Science portion of the course, students will be exposed to either *A Journey into Aviation History, Global and Cultural Studies*, or *The Science of Flight*, depending on the year they enter the program (these courses rotate year to year for students in their first three

years o AFJROTC). Through the course, the instructors will continue to develop in each cadet a sense of pride in themselves, as well as other members of the team. Prerequisites: Completion o AFJROTC I and the prerequisites described for AFJROTC I.

**Air Force Junior ROTC IV**                      **Grades: 11-12**  
**924984**    **Credit: 1**

This course consists of Leadership Education and Aerospace Science. Leadership Education serves to broaden the cadets understanding of themselves and others with a focus on management skills important to success. It provides students an understanding of the evolution, principles, and functions o management, as well as the processes involved in making sound decisions. Instructors will continue to develop in each cadet a strong sense of pride as well as pride in the entire team After AFJROTC I, students will take either this course AFJROTC II, or AFJROTC III, depending on when they enter the program. During the Aerospace Science portion of the course, students will also learn the importance of negotiation, managing resources, and the operative, practical experience associated with leading other cadets through *Management of the Cadet Corps*. Through this course, the instructors will continue to develop in each cadet a sense of pride in themselves as well as other members of the team. Prerequisites: Completion of AFJROTC I and the prerequisites described for AFJROTC I.

\* While rare, two sequential courses may be taken consecutively with the permission of the appropriate grade-level counselor and the Aerospace Science instructor.

\*\* The Honors Ground School, which can lead to Ground School certification (prelude to earning a private pilot's license), is available for selected students meeting Air Force prerequisites, including completion of *The Science of Flight*, and who are in their fourth year of AFJROTC. This course is taught as an Acadiana High Honor's course during the evening at the University of Louisiana at Lafayette (ULL).

**Peer Support I**                                      **Grades: 11-12**  
**924904**    **Credit: 1**

This is a full-credit elective course offered to juniors and seniors. Students will attend the Adapted Physical Education class and will serve as "peer supports" within the class. The peer supports will participate with exceptional students in recreational

activities to include, but not limited to, table tennis, bowling, shuffleboard, croquet, physical fitness, line dancing, and board games. The peer support will gain knowledge and understanding of differences in people. Peer support will also be provided the opportunity to develop and enhance friendships with classmates who have different abilities and interests. The peer support will also be exposed to numerous disciplines, which may create interest in careers such as general education, special education, physical therapy, occupational therapy, therapeutic recreation, nursing, and social services. Interested students must fill out an application and be interviewed by an Adapted Physical Education teacher.

**Peer Support II**  
**924914**

**Grade: 12**  
**Credit: 1**

This is a full-credit elective course offered to senior students. Peer supports will be paired up with exceptional students who attend inclusion classes. Inclusion classes may include: art, civics, or any course a student is included in. The peer support will work one-on-one or in small group settings with exceptional students on subject matter within the inclusion class. Through Peer Support II, the peer supports will be put in the important role of assisting exceptional students to be successful in some aspect of their social life. Peer supports will also learn to advocate for others who need support. Prerequisite: Peer Tutor Program I.

## **FOREIGN LANGUAGES**

**French**  
**928154**

**Grade: 9-12**  
**Credit: 1**

French I is an introductory course that focuses on all four language skills: listening, speaking, reading and writing. The course engages students in direct oral and written communication for authentic purposes. French I provides initial study in the sounds, vocabulary and structures of the language, as well as in cultural perspectives, practices and products of francophone societies. Students are encouraged to use the language within and beyond the school setting and to make connections to other disciplines. Students are also encouraged to view French I as the first level in a series of preparatory courses leading to post-secondary study in the language.

**French II**  
**928204**

**Grade: \*9-12**  
**Credit: 1**

**928224 \* (9th)**

**Credit: 1**

French II builds on the foundation laid in first-year French. It develops and refines the student's communicative skills of listening, speaking, reading and writing for authentic purposes. New material is introduced in a contextual manner, and there is general expansion in the areas of pronunciation, vocabulary and structures of the language, as well as in cultural perspectives, practices and products of francophone societies. Students are encouraged to use the language within and beyond the school setting and to make connections to other disciplines. Students are encouraged to view French II as a preparatory course for post-secondary study in the language and to develop a supportive grammar base for both production and understanding. Ninth grade students may be eligible for French II based on their success in middle school French and their results on the French I credit exam.

**French III**  
**928254**

**Grade: \*9-12**  
**Credit: 1**

French III increases the student's ability to use French for communication and builds the student's fluency and confidence in using French for self-expression. It is designed for students who are past the novice level. While French III promotes further development of students' oral skills, it also emphasizes the development of reading and writing skills through the study of authentic literature and increasingly complex grammar. Students continue to learn about the cultural perspectives, practices and products of francophone societies. Students are encouraged to use the language within and beyond the school setting and to make connections to other disciplines. Ninth and tenth grade students may be eligible for French III based on their success in middle school French and their results on the French I and II credit exams.

**French IV**  
**928304**

**Grade: 9-12**  
**Credit: 1**

**French V**  
**928356 AP**

**Grade: 9-12**  
**Credit: 1**

**French IV**  
**928404**

**Grade: 10-12**  
**Credit: 1**

**French VI**  
**928404 Regular**  
**928406 AP**

**Grade: 10-12**  
**Credit: 1**  
**Credit: 1**

Higher-level French courses continue to prepare students for college-level courses. Through these courses students enhance their abilities to read critically and analytically, to sharpen their writing and speaking skills, and to build their fluency in French. Students continue to learn about the cultural perspectives, practices and products of francophone societies. Students are encouraged to use the language within and beyond the school setting and to make connections to other disciplines. Students are expected to function at an "intermediate-high" level and progress toward an advanced level of proficiency.

**Spanish I**  
**928554**

**Grades: 9-12**  
**Credit: 1**

Spanish I is an introductory course that focuses on all four language skills: listening, speaking, reading and writing. The course engages students in direct oral and written communication for authentic purposes. Spanish I provides initial study in the sounds, vocabulary and structures of the language, as well as in cultural perspectives, practices and products of Spanish and Hispanic societies. Students are encouraged to use the language within and beyond the school setting and to make connections to their disciplines.

**Spanish II**  
**928604**

**Grades: 9-12**  
**Credit: 1**

Spanish II builds on the foundation laid in first-year Spanish. It develops and refines the student's communicative skills of listening, speaking, reading and writing for authentic purposes. New material is introduced in a contextual manner, and there is general expansion in the areas of pronunciation, vocabulary and structures of the language, as well as in cultural perspectives, practices and products of Spanish and Hispanic societies. Students are encouraged to use the language within and beyond the school setting and to make connections to other disciplines.

**Spanish III**  
**928654**

**Grades: 10-12**  
**Credit: 1**

Spanish III increases the student's ability to use Spanish for communication and builds the student's fluency and confidence in using Spanish for self-expression. It is designed for students who are past the novice level. While Spanish III promotes further development of students' oral skills, it also emphasizes the development of reading and writing skills through the study of authentic literature and increasingly complex grammar. Students continue to learn about the cultural perspectives, practices and products of Spanish and Hispanic societies. Students are encouraged to use the language within and beyond the school setting and to make connections to other disciplines.

**Spanish IV**  
**928704**

**Grades: 10**  
**Credit: 1**

Spanish IV continues to prepare students for college-level courses. Through this course students enhance their abilities to read critically and analytically, to sharpen their writing and speaking skills and to build their fluency in Spanish. Students continue to learn about the cultural perspectives, practices and products of Spanish and Hispanic societies. Students are encouraged to use the language within and beyond the school setting and to make connections to other disciplines. Students are expected to function at an "intermediate-high" level and progress toward an advanced level of proficiency.

**Spanish V**  
**928756 AP**

**Grades: 10-12**  
**Credit: 1**

This higher-level Spanish course continues to prepare students for college-level courses. Through these courses students enhance their abilities to read critically and analytically, to sharpen their writing and speaking skills, and to build their fluency in Spanish. Students continue to learn about the cultural perspectives, practices and products of societies where Spanish is the major language. Students are encouraged to use the language within and beyond the school setting and to make connections to other disciplines. Students are expected to function at an intermediate-high level and to progress toward an advanced level of proficiency.

**Russian I**  
**928804**

**Grades: 9-12**  
**Credit: 1**

Russian I is offered via distance learning when

available. It is an introductory course focusing on all four language skills: listening, speaking, reading and writing. Russian I provides initial study in the sounds, vocabulary, and structures of the language, as well as in cultural perspectives, practices, and products of societies where Russian is a predominant language.

**Russian II** **Grades: 9-12**  
**928814** **Credit: 1**  
Russian II is offered via distance learning when available. It builds on the foundations offered in Russian I.

**Japanese I** **Grades: 9-12**  
**928834** **Face to Face** **Credit: 1**  
This non-satellite course is an introductory course to a tonal language.

**Japanese I** **Grades: 9-12**  
**928854** **Credit: 1**  
A request for a locally initiated elective must be submitted if this course is taught. Japanese I is an introductory course to a tonal language. This course is offered via distance learning when available.

**Japanese II** **Grades: 10-12**  
**928864** **Face to Face** **Credit: 1**  
This non-satellite course builds on the foundations offered in Japanese I.

**Japanese II** **Grades: 10-12**  
**928874** **Credit: 1**  
A request for a locally initiated elective must be submitted if this course is taught. Japanese II builds on the foundations offered in Japanese I. This course is offered via distance learning when available.

**Latin I** **Grades: 9-12**  
**928904** **Credit: 1**  
Latin I is a reading course in classical Latin with emphasis on comprehension and translation skills. Repetition of controlled vocabulary and grammar is designed to enhance the student's knowledge of English lexicology and syntax. Additionally, the

course provides, through the reading of simple Latin passages, connections to the history, mythology, and culture of ancient Rome.

**Latin II** **Grades: 9-12**  
**928954** **Credit: 1**  
Latin II is a continuation of the vocabulary and grammar study from Latin I. This course is designed so that the student can read and comprehend Latin passages of increasing difficulty, culminating with such readings as Caesar's Gallic Wars and passages of medieval Latin.

**Latin III** **Grade: 9-12**  
**928964** **Credit: 1**  
The student will begin readings from the Golden Age Prose writers and historians; highlighting the differing prose styles and philosophies of history of each author. Emphasis will be placed on the major speeches, letters, and philosophical works of Cicero. Attention will also be given to the political and social history of ancient Rome.

**Latin IV** **Grades: 9-12**  
**928974** **Credit: 1**  
The student will be introduced to Golden Age Narrative and Lyric Poetry. Included are selections from the works of Virgil, Ovid, Catullus, and Horace. The student will also be exposed to the writings from the Medieval period to the period of the Renaissance.

## **GENERAL ELECTIVES**

**STAR I** **Grade: 11-12**  
**958084 a.m.** **Credit: 1**  
**959084 p.m.** **Credit: 1**  
The goal of the Teacher Cadet Program (STAR-I) is to encourage academically able students who possess exemplary interpersonal and leadership skills to consider teaching as a career. Realistically, not every student in the STAR Program will become a teacher; therefore, an important secondary goal of the program is to provide these talented students who will be future community leaders, with insights about teachers and schools so that they will be advocates of education. The rigorous course contains lecture, discover, discussion, role playing, debate and observation activities in order to expose and educate students on different methods of teaching. The students will be involved in observation and field experiences within

classes at all grade levels as well as special education. Pre-requisite: Teacher recommendation. STAR I is a pre-requisite for STAR II.

**Leadership** **Grades: 9-12**  
**930154** **Credit: .5**  
**930155** **Honors** **Credit: 1**

This course builds on the elements of character education in regards to leadership styles, conflict resolution, problem solving, time management, and organizational skills. Students will also develop the necessary skills to become effective communicators both in the oral and written forms.

**Teen Leadership I** **Grades: 10-12**  
**930204** **Credit: .5**

Teen Leadership I is a program in which students develop leadership, professional, business, public speaking and communication skills. They acquire an understanding of emotional intelligence and the skills it measures, which include self-awareness, self-control, self-motivation, and social skills. Students learn the principles of a healthy self-concept, healthy relationships and personal responsibility.

**Teen Leadership II** **Grades: 10-12**  
**930214** **Credit: .5**

Teen Leadership II provides students with an understanding of the concept of principle-based decision making, responsible financial decisions, and acquire problem solving skills (which focus on the effects of and skills to counter-effect peer pressure). Students develop an understanding of principles of parenting, enabling them to become better family members and citizens while also cultivating the need for vision in goal setting, personally and professionally.

**Peer Leadership I (Elective)** **Grades: 11-12**  
**930344** **Credit: 1**  
**930354** **Credit: .5**

Peer Leadership provides an opportunity for a student to work with other students, at the same school or assisting at an elementary or middle school. Instruction will occur to provide guidance in developing leadership skills, such as decision-

making, problem-solving and organizational skills. Students will be trained in peer mediation and conflict resolution. Students will act as peer tutors, mentors and mediators. If students are placed at an elementary/middle school setting, they must provide their own transportation and parental permission must be given.

**ACT Preparation** **Grade: 12**  
**930484** **Credit: .5**

**Senior Project** **Grade: 12**  
**930804** **Credit: .5**

Certification: Any secondary certification  
During this course, students will explore topics for their Senior Project, learn research and interview skills, complete their research paper, gain knowledge and skills to complete their interview skills, complete their research paper, gain knowledge and skills to complete their product or service, and prepare and present their final presentation. This course incorporates English and Educational Technology content standards, and content standards particular to each student's chosen topic. Students must complete all four components of their Senior Project with a score of Satisfactory or higher on each component to receive credit.

## **AGRISCIENCE**

**Agriscience I** **Grades: 9-12**  
**940104** **Credit: 1**

Basic introductory information is offered in the following subject areas: Introduction to general Louisiana agriculture, FFA leadership and orientation, animal science, plant science, soil science, FFA contest, vegetable gardening, basic agricultural mechanics (shop safety, arc welding), and hunter safety education. Note: Successful completion of Agriscience I is a prerequisite, elective credit, to Agriscience II. Taken in this sequence – Agriscience II may serve as a third science credit for graduation.

**Agriscience II** **Grades: 10-12**

**940154****Credit: 1**

This course builds on basic information taught in Agriscience I in the following areas: FFA leadership, basic parliamentary procedures, soil science, plant science, basic agriscience mechanics (shop safety, electricity, plumbing, welding, oxyfuel cutting, concrete, basic tool fitting, tractor safety, maintenance and operation), vegetable gardening, greenhouse production, FFA contest, and boating safety education. Prerequisite: Agriscience I. Successful completion of Agriscience/Agribusiness II substitutes for one unit of required science.

**Agriscience III****Grades: 11-12****940204****Credit: 1**

This course builds on information taught in the basic Agriscience program and allows for more specialized instruction in the following areas: animal science, plant science, soil science, agriscience mechanics (welding, shop safety, small gas engines and project fabrication), record keeping, FFA contest and crop production, aquatic education, and advanced electricity. Prerequisite: Agriscience I and II.

**AGRICULTURE ELECTIVES****Agriscience Elective I****Grades: 9-12****940504****Credit: 1****940514****Credit: .5****Agriscience Elective II****Grades: 9-12****940724****Credit: 1****940734****Credit: .5**

This course is designed to provide students with an overview of the agriculture industry in Louisiana. The students will explore the following areas:

animal science, plant science, agricultural manufacturing and production, and natural resources management. The emphasis for this course will be on developing the student's understanding of the agriculture areas of study, with the local option of study emphasized on the areas needed. Math, science, communication skills, and critical thinking skills are reinforced in this course. Workbased learning strategies appropriate for this course include service learning. Supervised agricultural experience programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Prerequisite: None.

**Environmental Studies in Agriscience****Grade:9-12****941254****Credit: 1**

This course develops a basic understanding of the interrelationships between people, agriculture, and environmental issues. Emphasis is placed on management and maintenance of natural resources, biotic, abiotic, and social aspects of environmental policies. Science, social studies, communication, and mathematical skills are reinforced in this course. Work-based learning strategies appropriate for this course are field trips and community projects. Supervised agricultural experience programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Prerequisite: Agriscience I and Biology or enrolled simultaneously in Biology.

**Small Animals Care****And Management****Grades: 10-12****940544****Credit: 1****940534****Credit: .5**

This is the first of two courses designed to provide students with an introduction to the care and management of small animals. The course will be aligned with a student's career path in either the Vet Technician field or Pre-Veterinary major. Topics for study include an orientation to the agriscience industry in Louisiana and the FFA student organization and introduction to small animal care., with emphasis being on the history and classification of domesticated animals, physiology, and career in the veterinary industry.





**944164**

**Credit: 1**

This course is a culminating course designed to the knowledge and skills learned in word processing with the concepts, procedures, and applications of desktop publishing. Emphasis is placed on continued skill development in efficient operation of word processing programs as it is applied to desktop publishing. Critical thinking and communication skills are reinforced in this course as students format, create, and proofread brochures, programs, newsletters, web pages, Power Point presentations, and manuscripts. Other opportunities for application could include simulations, projects, teamwork, and portfolios. Prerequisite: Processing or BCA.

### **Web Design**

**Grades: 10-12**

**944144**

**Credit: 1**

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

### **Computer Multimedia Presentations**

**Grades: 11-12**

**944184**

**Credit: .5**

This course will expose the student to current emerging technology in production of presentations. Using the current software and equipment in both regular and digital technology, the student will create and present a multimedia presentation using the standard concepts of production. Students will be exposed to the decision-making process in producing the product.

What is to be accomplished? Which software and equipment is needed? (Software: FrontPage, Publisher, Adobe, Hypermedia, Power Point, etc. Equipment: Computer, scanner, video camera, camera, projector, screen, etc.) Prerequisites: Keyboarding/Keyboarding Applications or Introduction to Business Computer Applications and BCA or Word Processing.

### **“Introduction to Business Computer Applications”**

**944954**

**Grades: 9-12**

**Credit: 1**

This course is the first of two courses designed to provide students with basic computer application skills. Students will be introduced, for a minimum of six weeks of the school year, to the touch method of operating a computer keyboard to produce simple business documents. Emphasis is placed on basic computer concepts both hardware and software, word processing, and spreadsheet applications. Computer technology will be presented that could lead to the student's ability to obtain certification in basic information technology. (Examples: IC3 and a basic word processing certification.)

### **Business Computer Applications Grade: 11-12**

**944204**

**Credit: 1**

This course is designed to acquaint students with the advanced principles associated with information processing. Students study advanced computer concepts, software applications, and computer systems. Emphasis is placed on skill development in using technology to perform advanced information processing. Topics of study include computer concepts, word processing, spreadsheet, database and presentation software applications, which will increase in difficulty in the second semester. Computer technology will be presented that may lead to the student's ability to obtain advanced certification in a popular office software package that includes word processing, spreadsheets, databases, e-mail and presentation programs. Prerequisite: Keyboarding/Keyboarding, Applications or Introduction to Business Computer Applications.

### **Telecommunications**

**Grades: 11-12**

**944254**

**Credit: .5**

This course addresses the growth in global communications and the emerging equipment and

systems needed to successfully communicate in a global environment. The student will address issues such as data communication protocol, data communication systems, government regulations of the communications industry, and deciding which tool is most cost-effective and most productive to transmit a message. (Systems: e-mail, internet for ecommerce, LAN, WAN, voice transmission, cell  
Prerequisite: A basic computer course.

**Business Communication**                      **Grades: 11-12**  
**944274**    **Credit: 1**

This course is designed to use the skills learned English/Communications to compose memoranda, letter, reports, e-mail, and other written and oral communications. Emphasis is placed on proper grammar, spelling, and punctuation, as well as the legality, ethics and the psychological approaches to preparing the oral and written communication. Through business application projects, critical thinking, problem solving, technology, decision-making, and interpersonal skills are reinforced in this course as students format, compose and present their communications. Prerequisite: Keyboarding or Introduction to Business Computer Applications.

**Administrative Support Occupations (ASO)**  
**Grades: 10-12**  
**944354**    **Credit: 1**

This course is designed to prepare students as support staff in a business sector. Emphasis is placed on the integration of business and communication concepts and skills necessary to prepare students to become members of the workforce. Oral and written communications, time management, decision making, interpersonal, critical thinking, problem solving, and technology skills are reinforced in this course through business application projects. Prerequisite: Keyboarding, Keyboarding Applications or Introduction to Business Computer Applications.

**Accounting I**                                      **Grades: 11-12**  
**944454**    **Credit: 1**

This course is designed to introduce students to basic accounting theory and procedures along with current applications of computer technology in

accounting. Emphasis is placed on the mastery of basic accounting concepts and procedures. Mathematical, critical thinking, problem solving, decision making, technology and team building skills are reinforced in this course. Prerequisite: Average to above average math skills.

**Accounting II**                                      **Grades: 11-12**  
**944504**    **Credit: 1**

This course is designed to reinforce skills learned in basic accounting theory. Advanced instruction is given in journalizing, posting, preparation of payroll, taxes and business forecasting. Emphasis is placed on the incorporation of an advanced automated accounting software system and a computer-based simulation. Mathematical, critical thinking, problem solving, decision making, technology, team building skills are reinforced in this course. Prerequisite: Accounting I and keyboarding skills.

**Business Law**                                      **Grades: 11-12**  
**944554**    **Credit: .5**

This course is designed to teach students to apply business law principles to personal and business settings. Emphasis is placed on skills in critical thinking that are reinforced in this course along with oral and written communications skills. Oral and written communication skills are reinforced in this course as students, research, compose, format and proofread legal office documents.

**Occupational Options Exploration Program for Students (OOEPS)**                                      **Grades: 9-12**  
**944954**    **Credit: .5**

This is a summer job shadowing program. Students must apply and be accepted to take part in this course.

**Business English**                                      **Grades: 11-12**  
**944654**    **Credit: 1**

This course is designed to provide students with environment. Business letter writing including routine letters, as well as specialized letters, memo, and reports is an important component of the course. The practical principles of grammar,



showers, receptions, and teas will be explored in this semester course. Students will be encouraged to create unique decorations for various occasions. This course may only be scheduled with teacher recommendation. A lab fee is required.

**Meal Management**                      **Grades: 11-12**  
**948354**                                      **Credit: .5**

In this semester course, students will explore meal planning; management of mealtime to save time, energy and money; budget meals; meals for two; and special diets. In addition, the study of consumer rights, responsibilities, and consumer protection will be studied. An in-depth study of food service careers in nutrition and dietetics will also be included. Prerequisite for this course in Nutrition and Foods or other FACS course (with food). A lab fee is required in addition to small personal expenditures for some supplies.

**Clothing and Textiles**                      **Grades: 10-12**  
**948404**                                      **Credit: .5**

This course will provide the student with the opportunity to master clothing construction techniques through clothing labs. The student's knowledge of textiles and the selection and construction of garments with regard to good design and quality will be increased. Investigation of career opportunities in the fields of fashion, clothing and textiles will be conducted. A lab fee is required, in addition to small personal expenditures for some supplies (ex. Clothing projects). This course is a prerequisite for Advanced Clothing and Textiles.

**Advanced Clothing and Textiles**                      **Grades: 10-12**  
**948454**                                      **Credit: .5**

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

projects).

**Child Development (Prenatal and Infant Care)**  
**Grades: 10-12**  
**948504**                                      **Credit: .5**

This course will focus on child development from conception through 18 months of age. The student will gain an understanding of the rapid physical, social, emotional, and intellectual growth of the infant. Students are introduced to parenting decisions and skills and to career opportunities in working with children. The student will also become familiar with birth defects, immunizations, and routine care of the infant. Activities for observing and participating with children, critical thinking and hands-on activities will be provided the student. A lab fee is required. This course is a prerequisite for Advanced Child Development.

**Advanced Child Development**                      **Grades: 10-12**  
**948554**                                      **Credit: .5**

This course is designed for the student who wants to further his/her studies of the child from age two to six years. This course expands on the physical, social, emotional, and intellectual growth of the child. Emphasis will also be placed on childhood illnesses, discipline techniques and on the wise selection of clothes, toys, food and furniture for the children. Awareness will be created on the importance of helping children to reach their full potential. Observations and creative activities will enhance the course content and give students practical application of the concepts presented. A lab fee is required.

**Family Life Education**                      **Grades: 11-12**  
**948604**                                      **Credit: .5**

This course places emphasis on the family as the foundation for a strong society. It is designed to help the student be a better family member through developing better communication skills, in studying solutions to coping with family and societal problems, and resolving conflicts. The course integrates contemporary family issues and involves the students in activities that help them accept responsibility, build academic and thinking skills, and strengthen values. A lab fee is required.

**Housing and Interior Design**                      **Grades: 11-12**

**948714**

**Credit: .5**

This course addresses selecting and planning living environments to meet the needs and wants of individuals and families throughout the life cycle considering a broad range of economic, social, cultural, technological, environmental, maintenance, and aesthetic factors. Emphasis is placed on selecting goods and services and creating functional and pleasing living environments based on sound financial decisions and design principles. Skills in mathematics, technology, and art are reinforced in this course. Work-based learning strategies appropriate for this course include field trips, job shadowing, service learning, and school-based enterprises. FCCLA leadership activities provide the opportunity to apply instructional competencies and work place readiness skills to authentic experiences. The course is offered only to sophomore, junior, and senior students.

**Adult Responsibilities**

**Grades: 11-12**

**948754**

**Credit: .5**

This course is designed to help students develop skills to meet the challenges of daily life. It provides the student with basic information in the following areas: personal values and goals; family relationships; dating and marriage; sex respect; management; clothing construction and simple clothing repairs; selecting, coordinating and caring for clothing; foods and nutrition; and job skills. A lab fee is required.

**Leaders for Life**

**Grades: 10-11**

**94876**

**Credit: 1**

The students in this course will have the opportunity to increase their understanding and /or effectiveness in the following processes: communication skills, group processes, managerial skills, self-awareness, and human relations skills. Students will design and work on projects, which will develop social and personal leadership skills. The course integrates contemporary issues and involves the students in activities that help them develop personal and leadership skills, accept responsibility, build academic and thinking skills, and strengthen values. Skills developed will aid students in setting lifetime goals and making wise career choices. Additional emphasis will be placed on developing skills such as conversation, table etiquette and making introductions, which will make them more comfortable in social situations.

**Parenthood Education**

**Grades: 11-12**

**948854**

**Credit: .5**

This course helps students to build skills in family relations, decision making and critical thinking and in nurturing children's development. The course stresses strengthening the role of the family and will help the student to understand the responsibilities, obligations, and rewards of parenting. Emphasis is on the joys and challenges of parenthood. A lab fee is required.

**ProStart I**

**Grades: 11-12**

**948984**

**Credit: 1**

This course is the first of two courses focused on preparing students for careers in the food service/hospitality industry. Emphasis is on obtaining skills for the industry-based certification and preparation for internships in the industry. The course utilizes the ProStart I text and curriculum developed by the National Restaurant Association's Educational Foundation. Topics of study include skills necessary for careers in the hospitality industry, organization and management, professionalism, use of commercial equipment, proper sanitation and safety standards for industry, and essential math. This class includes laboratory classes utilizing advanced planning and preparation techniques. Skills in critical thinking, math, communications, and science are reinforced in this course. Work-based learning strategies appropriate for this course are service learning, field trips, and job shadowing. School-based enterprises, internships, projects, and FCCLA leadership activities provide opportunities for application of instructional competencies. It is strongly recommended that students have taken Nutrition and Foods. A lab fee is required.

**(All First Responder: AHS, LHS, and OCHS only)**

**First Responder**

**Grades: 10-12**

**948974**

**Credit: 1**

**948994**

**Credit: .5**

The First Responder course is a foundation for the Emergency Medical Technician Education Program. Students completing the First Responder course will receive the Louisiana State First Responder certification and will be eligible to sit for the National Certification Exam. Topics include

CPR, airway management, hemorrhage control, bandaging, simple spinal immobilization, and simple splinting and infection control. Upon completion of the course, students can pursue specialty career fields such as EMT, CAN, LPN, RN, or MD. This course is also a valuable program for community service programs, such as a fire department volunteer. Offered at Acadiana High, Lafayette High, and Comeaux High School. (In order to be eligible for certification, students must be 16 years of age.)

## **INDUSTRIAL TECHNOLOGY**

### **Materials and Processes                      Grades: 9-12** **952104    Credit: 1**

Materials and Processes introduces students to several areas of industry. Students are introduced to drafting, small gas engines, wood working, and electricity. Each short course begins with a short history of the technology, and moves through the processes, materials and products. Students are given theory and hands-on assignments and may introduce problems for the class if they wish. Materials and Processes also teaches the love of work and that every student can and should work for his/her livelihood.

### **General Technology Education    Grades: 9-12** **952124    Credit: 1**

General Technology Education is a hands-on approach to various innovative forms of modern technology and is designed for both males and females of all high-school classifications. The first two six-week periods involve classroom study of the major areas of technology. The remainder of the year is spent in a modular computer lab where the student will receive introductory training in areas such as robotics, desktop publishing, electronics, computer numeric control, computer animation, architectural design, CAD, flight simulation, writing and design, meteorology, and computer-assisted health care. The course is designed for students who wish to enhance their knowledge of modern technology. No prior computer experience is necessary.

### **Basic Wood Technology                      Grades: 10-12** **952154    Credit: 1**

This course is designed to teach the fundamentals of woodworking, beginning with hand tool experiences and progressing into the study and use of modern power hand tools and machines. Safety issues are actively incorporated into all aspects of instruction. Safety exams will be given to the students and then kept on file for student review or proof that each student is knowledgeable of safety rules and procedures. These tests include questions on all specific safety rules. The student will not be allowed use of tools or machines until he/she scores a passing grade on the exam. Students will need to have written permission from parents or guardians before using tools and machines. Students will be allowed to display their projects and then take them home.

### **Power Mechanics                              Grades: 10-12** **95220    Credit: 1**

This course provides students with an understanding of the field of power mechanics. Students will study and develop basic competencies in working with mechanical systems, fluid power systems, electrical systems, and internal and external combustion systems. This course will include hand-on application in safety, tool usage, automobile basics, and small engine basics.

### **Basic Technical Drafting                      Grades: 10-12** **952254    Credit: 1**

Basic Technical Drafting is a comprehensive approach to drafting as an occupation. Students work their way through manual drafting exercises including measurement, 3-view drawings, floor plans, and site plans. This course is beneficial to any student in the Industrial Arts/Technology field.

### **Architectural Drafting                      Grades: 11-12** **952494    Credit: 1**

This course provides the student with an overview of the basic concepts that are common in the area of residential planning and design. The steps in planning will enable students to design a residence

to meet given specifications. Emphasis is placed on the completion of a set of working drawings for home construction. Work-based learning strategies appropriate for this course include field trips, job shadowing, and internships. This course and Technology Student Association technical and leadership activities enhance skills essential for students interested in technical and engineering career fields. Prerequisite: Basic Technical Drafting.

## FINE ARTS

### **Art I** **Grades: 9-12** **968104** **Credit: 1**

This course is an introduction to the fundamentals of art. Students will study the elements and principles of design, drawing styles and techniques, value study, mask making, perspective, color theory, painting and 3-dimensional sculpture. Moreover, the study of art history and art criticism will help students analyze the aesthetic qualities of master artists' works. A lab fee and additional supplies are required.

### **Art II** **Grades: 10-12** **968154** **Credit: 1**

Art II is the second level course, which places more emphasis on the elements and principles of design. Students will apply a variety of media, media techniques and compositional problems in drawing, painting, nature study, human anatomy, design printmaking and sculpture (3D & Relief). Students will create a project or projects from ideas derived through the study of various cultures, disciplines and art careers. Students will continue to study art history and art criticism. Prerequisite: Art I and /or teacher recommendation. A lab fee is required for each student plus additional supplies.

### **Art III** **Grades: 11-12** **968204** **Credit: 1**

The advanced art students will explore and develop their talent and creativity through exploration and self-motivation. Emphasis on developing a personal style is stressed through group activities. Students will experiment with new art media, charcoal, conte' crayon drawing, acrylic, water color, ink

wash, three-dimensional portrait work, collagraph prints, batiking, colored ink, sculpture and air brushing.

Prerequisite: Art I and Art II or teacher recommendation. A lab fee is required, plus an airbrush gun, inks, and additional supplies.

### **Art IV** **Grades: 11-12** **968254** **Credit: 1**

This course is designed for highly motivated and cable art students who wish to do college-preparatory work in high school. Students will produce artwork, which describe and connect art to other disciplines. Manipulation of various art media, identifying and exploring the meaning of art and the relationship of the role of artists to their culture and environment will be presented. Visual expression entails drawing, painting, printmaking and sculpture. Prerequisite: Art I,II,& III and /or teacher recommendation. A lab fee is required. Additional Supplies may be required during the year.

### **Composition Through Camera Art** **Grade: 12** **968404** **Credit: 1**

Composition Through Camera Art will equip the art student with the skills of picture making. The course offers the opportunity to gain greater understanding of how the camera works, as well as how to use special lenses and films. The student will explore creative ways to produce photographic images, basic darkroom printing, developing and enlarging procedures and self-expression. Moreover, the students will learn the basic compositional arrangements and elements of taking creative pictures. Students must have a 35mm camera for class use. A lab fee is required for supplies and equipment usage.

### **Studio Art I** **Grades: 10-12** **968704** **Credit: 1**

### **Studio Art II** **Grades: 11-12** **968724** **Credit: 1**

### **Fine Arts Survey** **Grades: 9-12** **968504** **Credit: 1**

This course is primarily for seniors who have not met the Fine Arts course requirement for the

Regent's Scholar award and the TOPS Core Curriculum. For entry into this course a student must have a minimum 2.5 grade point average. The course outlines the commonalities of music, drama, dance and visual arts. A lab fee is required.

**Fine Arts Survey**  
**968507 Gifted**

**Grades: 10-12**  
**Credit: 1**

Have you ever wondered why artists paint what they paint, play what they compose, dance what they choreograph, or perform what they write? This course covers all the arts: visual, dance, theatre, and music. Students will study the arts as a universal language. The arts broaden students' creativity, visual awareness, and emotional sensibility. Students will study the effects art has on major events in history both past and present. Live performances, lectures, videos, slides, reproduction prints, and some hands-on activities are offered. A lab fee is required for consumable materials and live performances.

**Pottery I**  
**968604**

**Grades: 10-12**  
**Credit: .5**

**Sculpting I**  
**968654**

**Grades: 10-12**  
**Credit: .5**

## **BAND**

All band classes require rehearsals and performances beyond the regular school day. A lab fee may be required for band classes. State Music Supervisor, Martin Sotile confirmed the fact that students may receive credit for two advanced band classes during the same year. (January 8, 1999).

**Applied Music**  
**972604**

**Grades: 9-12**  
**Credit: 1**

**(or repeated for multiple credit)**

In this course, students will develop dance and color guard drill skills. The course is designed for students who are interested in being members of a band auxiliary group and who have satisfied the audition and camp requirements. A background in dance or gymnastics is helpful but not required. Band auxiliary groups perform with the marching band and participate in several competitions.

**Beginning Band**  
**972104**

**Grades: 9-12**  
**Credit: 1**

This course is designed for, but not limited to, freshmen who have had one or more years of band instruction at the middle school level. In this course students will continue to develop the fundamentals of musicianship. An audition may be required.

**Intermediate Band**  
**972154**

**Grades: 9-12**  
**Credit: 1**

This is an intermediate level course.

**Advanced Band (PR) (Percussion) Grades: 9-12**  
**972274**

**Credit: 1**

**(or repeated for multiple credit)**

This course is designed for students who have had one or more years of percussion instruction at the middle school level. All aspects of percussion are covered including both marching and concert instruments. Students in this class perform in the marching band in the fall and with the concert or symphonic band in the spring. An audition may be required.

**Advanced Band (WW I) (Woodwind I)**

**Grades: 9-12**

**972204**

**Credit: 1**

This is an entry-level course designed primarily for, but not limited to students who have had one or more years of instruction in playing a woodwind instrument. Students in this class perform with the marching band in the fall and with concert or symphonic band in the spring. An audition may be required.

**Advanced Band (BR I) (Brass) Grade: 9**  
**972254**

**Credit: 1**

This course is an entry-level course for students who have had one or more years of instruction in playing a brass instrument at the middle school level. Students in this class perform with the marching band in the fall and with concert or

symphonic band in the spring.

**Advanced Band (WW II) (Woodwind I)**  
**Grades: 9-12**

**972504** **Credit: 1**  
**(or repeated for multiple credit)**

This course is an intermediate-level course for woodwind players. Members of this class perform with the marching band during the fall semester and with the concert or symphonic band in the spring. An audition is required.

**Advanced Band BR II (Brass II) Grades: 9-12**  
**972654** **Credit: 1**

**(or repeated for multiple credit)**

This course is an intermediate-level course for brass instrument players. Members perform with the marching band during the fall semester and with the concert or symphonic band in the spring.

**Wind Ensemble** **Grades: 9-12**  
**972354** **Credit: 1**

This course is an advanced-level course of wind players. Students in this class perform in the marching band in the fall and are scheduled with wind ensemble in the spring. An audition is required.

**Jazz Ensemble I** **Grades: 9-12**  
**972304** **Credit: 1**

**(or repeated for multiple credit)**

This course is designed for band members who possess a moderate degree of proficiency in playing a stage band instrument and are interested in jazz and popular music. This ensemble performs music of the jazz idiom at various school and community functions. This class may be scheduled to meet daily before the regular school day. An audition is required for admission.

**Jazz Ensemble II** **Grades: 9-12**  
**972704** **Credit: 1**

**(or repeated for multiple credit)**

This advanced-level course is designed for band members who possess a high level of proficiency in playing a stage band instrument and are interested in jazz and popular music. The ensemble performs music of the jazz idiom at various school and community functions. This class may be scheduled to meet daily before the regular school day. An audition is required for admission.

**Beginning Orchestra** **Grades: 9-12**

**972404** **Credit: 1**

This course is designed for students who possess a moderate degree of proficiency in playing a stringed orchestral instrument: violin, viola, cello or string bass. Students in this class perform at school and community functions. Admission is by audition.

**Advanced Orchestra** **Grades: 9-12**  
**972454** **Credit: 1**

**(or repeated for multiple credit)**

This course is designed for students who possess a high degree of proficiency in playing a stringed orchestral instrument: violin, viola, cello and string bass. Students in this class perform at various school and community functions. Admission is by audition.

**AdvancedBand(SYM)(Symphony) Grades: 9-12**  
**972374** **Credit: 1**

**(or repeated for multiple credit)**

This is the most advanced instrument course offered. It is designed for students who possess a high degree of proficiency in playing a band instrument. Students in this class perform in the marching band in the fall and with another band during the spring concert season. This course may be repeated for credit. Admission is by audition.

**Guitar I** **Grades: 9-12**  
**972754** **Credit: 1**

**Guitar II** **Grades: 9-12**  
**972804** **Credit: 1**

**Musical Theory** **Grades: 9-12**  
**976504** **Credit: 1**

**VOCAL MUSIC**

**Small Vocal Ensemble** **Grades: 9-12**  
**976354** **Credit: 1**

**(or repeated for multiple credit)**

This chorus is comprised of students who are auditioned by the high school choral director. Students must have acquired advanced levels of reading music, ear training for part-singing and mature vocal development. This is a performance



activities such as pantomime, role playing, improvisation, melodramas, and interpretive exercises, monologues, and duet performances. Other work may be actual production of plays for an audience other than the class.

**Speech II** **Grades: 10-12**  
**980254** **Credit: 1**

Speech II is recommended for the student who has already had a basic public-speaking course. In this class, the study of speech is extended to include the total communication process. Interpersonal communication is emphasized, and various elements of group discussion and decision-making are studied. Students also gain skills in analyzing the speeches of the other students. Other possible areas of study include broadcasting/film-making.

**Speech II/Competitive** **Grades: 9-12**  
**980174** **Credit: 1**

Competitive Speech provides opportunities for students to develop public speaking, drama, and debate skills in preparation for competition. This course is a continuation of skill development begun in Speech I Competitive.

**Speech II /Debate** **Grades: 10-12**  
**980304** **Credit: 1**

Debate II is an advanced speech course that builds on Debate I. The student must have teacher approval to schedule this course.

**Speech II/Drama** **Grades: 10-12**  
**980704** **Credit: 1**

Drama II is a speech course that focuses on advanced theater techniques with emphasis on drama competition. Prior experience in drama or public speaking is desirable. The student must have teacher approval to schedule the course.

**Speech III** **Grades: 11-12**  
**980214** **Credit: 1**

Speech III builds upon skills developed in Speech II.

**Speech III/Debate** **Grades: 11-12**  
**980354** **Credit: 1**

**Debate III is an advanced course in debate.** The student must have teacher approval to schedule this course.

**Speech III/Drama** **Grades: 11-12**  
**980754** **Credit: 1**

Drama III is an advanced course in theatre production. Admission is based on teacher approval.

**Speech IV** **Grades: 12**  
**980224** **Credit: 1**

Speech IV is an advanced course in speech. The student must have teacher approval to enroll in this course.

**Speech IV/Debate** **Grades: 12**  
**980404** **Credit: 1**

Debate IV is an advanced course in debate. The student must participate in competitive tournaments. Admission is dependent on teacher approval.

**Speech IV/Drama** **Grades: 12**  
**980804** **Credit: 1**

Drama IV emphasis advanced theater techniques. The student must participate in competitive tournaments. Admission is based on teacher approval.

**Theater/Musical Performance** **Grades: 9-12**  
**980454** **Credit: 1**

Theatre/Musical Performance provides instruction for schoolwide musical productions or advanced theater performance. Admission is based on successful audition and teacher approval.

**Technical Stage Production** **Grades: 10-12**  
**980904** **Credit: 1**

In Technical Stage Production, students participate in both classroom instruction and hands-on application in developing the skills and concepts needed to properly set up, run and take down technical equipment for theatrical productions. They are evaluated through both written unit tests and performance assessment. Prerequisites: Students must have previously completed one speech course at the high school level prior to

enrollment.

## **HIGH SCHOOL ACADEMIES**

### **ACADEMY OF BUSINESS & FINANCE**

#### **ACADIANA HIGH SCHOOL**

**Principles of Finance**

**Grades: 9-10**

**946104**

**Credit: .5**

**944114 Non-Academy Students**

Principles of Finance gives students a thorough introduction to the concepts, tools, and institutions

of finance and services as a foundation for the core courses offered by the Academy of Finance. Principles of Finance begins with the basics of financial literacy and the function of finance in society. Students then study income and wealth, including budgeting, personal banking, credit and borrowing, and planning for retirement. Next, students examine financial institutions and the role of finance in organizations.

**Financial Services** **Grades: 9-10**  
**946504** **Credit: .5**  
**944524 Non-Academy Students**

Financial Services provides students with an overview of banks and other financial services companies. It is one of the core courses offered by the Academy of Finance.

Financial Services introduces students to the complex world of financial services companies. Students explore the services offered by such companies, learn to understand and calculate interest, and how these companies earn profits. This course also introduces students to the origins of money and of banking, and describes the early history of banking in the U.S. Students also explore four important events that affected the financial services industry in the Twentieth century: the establishment of the Federal Reserve System and the Federal Deposit Insurance system; the collapse of the gold system; and deregulation. Students examine contemporary issues including the impact of globalization on the financial services sector; the level of personal saving in the U.S.; ethics in the financial services industry; and the industry's effect on communities and families.

Prerequisite: Principles of Finance.

**Business in a Global Economy** **Grades: 11-12**  
**946274** **Credit: .5**

Business in a Global Economy provides students with an understanding of how and why businesses choose to expand their operations into other countries. This course exposes students to the unique challenges facing multinational organizations – and to the potential opportunities

and markets that are lost to organizations that choose not to do business in the global marketplace. Building on concepts that were introduced in Principles of Finance, Business in a Global Economy broadens student understanding of how businesses operate and how they grow and thrive in our ever-changing world.

The course begins with an overview of globalization, including world factors pushing organizations to expand into other markets in order to remain viable. Students explore cultural and political differences that affect organizational operations and decision making. They then learn about international trade investment and the business strategies that enable organizations to compete effectively in the global marketplace. Finally, students explore international business as a potential career.

Prerequisites: Principles of Finance

**Ethics in Business** **Grades:**  
**946144** **Credit: .5**

The Ethics in Business course provides students with an overview of the important of ethics in a business environment. Ethics in Business is one of the core courses offered by the Academy of Finance.

Ethics in Business introduces students to the important aspects of Ethics in Business. Students will focus on the significance and importance of ethics to stakeholders; examine who bears responsibility for ensuring an ethical code is followed; and explore ethical situations common in organizations. The course examines ethics through the lens of various business disciplines, and considers the impact of organizational culture on ethical practices. The course also explores ethics as social responsibility, the evolution of ethics as social responsibility, the evolution of ethics as business becomes more international, and how the free market and organizational ethics can co-exist. Finally, because ethics is critical to every organization, students are given the chance to examine careers in ethics.

Prerequisite: Principles of Finance

**Principles of Accounting** **Grades:**

**946304****Credit: .5**

Principles of Accounting uses an integrated approach to student learning within the context of an introductory high school level course. Principles of Accounting covers in depth many topics in a traditional introductory accounting course.

Principles of Accounting provides students with the knowledge that accounting is a process of providing data and information that serves internal and external stakeholders. In this course, students learn that accounting is an integral part of all business activities and that accounting plays an important role in the everyday accountability of a business as well as in high-stakes decision-making and analysis. In addition, students learn easier and quicker to access and correct when necessary. Accounting plays an instrumental role in the personal as well as the professional aspects of one's life. Moreover, accounting can be as fun as it is financially rewarding.

Students also examine career opportunities and the professional certifications and designations earned by individuals in the accounting profession. Prerequisite: Principles of Finance.

**Managerial Accounting****Grades:****946324****Credit: .5**

Managerial Accounting introduces the fundamentals of management accounting, including manufacturing and cost accounting, budgeting, accounting for managerial decision-making, and financial statement analysis. Students learn how to use accounting information for internal decision-making and planning and control.

In addition, students examine career opportunities as an accountant and the education, experience, and skills needed to enter and succeed in the accounting profession. Regardless of the career path they choose, this course gives students the financial acumen necessary to make informed personal and business decisions.

Prerequisite: Principles of Accounting

**Advanced Finance****Grades:****946124****Credit: .5**

Advanced Finance delves more deeply into the financial concepts introduced to students in previous course. In Advanced Finance, students explore such key topics as cash flow, the business

life cycle and capital. They learn to recognize the legal forms of business organization and grasp the pros and cons of business ownership. Students continue to develop an understanding of profit, and distinguish this measure of business success from cost and revenue. Students learn about various financial analysis strategies while they evaluate financial cost and revenue. Students learn about various financial analysis strategies while they evaluate financial documents. They learn the three most common methods by which businesses raise capital (stocks, bonds, and short-term financing).

Students also have the chance to explore, in depth, four topics of high interest in today's financial environment: globalization, employees, taxes, and ethics.

Finally, students get a chance to discover the types of careers that exist in finance today.

Prerequisite: Principles of Accounting and Free Enterprise (for Acadiana HS)

**Introduction to Business Computer Applications****Grades: 9-10****946194****Credit: 1****Business Computer Applications Grade: 10-11****946204****Credit: 1****Internship I****946744****Grade: 12****Credit: 1****Desktop Publishing****946164****Grade: 10-12****Credit: 1****Insurance****946654****Grades: 11-12****Credit: .5**

This is a one-semester course that introduces students to various elements of the insurance industry, including insurance needs and products for businesses and individuals. Students learn about insurance sales, rate-setting, insurance and financial planning, insurance regulations, and careers in the industry. It is often combined with the Securities course.

**Career Academy Summer Internship****Program I****Grade: Summer between 11<sup>th</sup> and 12<sup>th</sup> grade**

**946704** **Credit: 1**  
This program is an exploratory internship experience, which provides an opportunity for students to work in a business environment. Emphasis will be placed on developing interpersonal skills, work ethics, and relevant skills of the workplace and an understanding of the selected career field of study. Prerequisite: Students must meet all qualifications set forth in the academy guidelines to take part in this program.

**Career Academy Summer Internship  
Program II**

**Grade: Summer between 11<sup>th</sup> and 12<sup>th</sup> grade**

**946704** **Credit: 1**

Prerequisite: CASIP I

**Principles of Business** **Grades: 9-12**  
**944104** **Credit: 1**

See course description on page 40

**Introduction to Business Computer Applications**  
**Grades: 9-12**

**946194** **Credit: 1**

See course description on page 40

**Accounting I** **Grades: 11-12**  
**946454** **Credit: 1**

See course description on page 41

**Accounting II** **Grades: 11-12**  
**944504** **Credit: 1**

See course description on page 41

**OR**

**Financial Math** **Grades: 11-12**  
**944704** **Credit: 1**

See course description on page 42

**Business Computer Applications** **Grades: 11-12**  
**946204** **Credit: 1**

See course description on page 41

**Desktop Publishing** **Grades: 11-12**  
**946164** **Credit: 1**

See course description on page 42

**Computer Multimedia Presentations**  
**Grades: 11-12**

**944184** **Credit: .5**

See course description on page 40

**Business Law** **Grades: 11-12**  
**944554** **Credit: .5**

See course description on page 41

**ACADEMY OF INFORMATION  
TECHNOLOGY**

**CARENCRO HIGH SCHOOL**

**Advanced Web Mastering** **Grades: 11-12**  
**943334** **Credit: .5**

This class will cover cascading style sheets, web animation, and streaming media and will introduce setting up and administering web servers. Database connectivity, web data entry, and a variety of web scripting and programming will be covered.

**Databases** **Grades: 11-12**  
**943404** **Credit: .5**

This class will cover the different types of databases and the major operations on databases: creating forms, sorting, querying, and creating reports. Students will be introduced to standard query language and to database programming and web page connectivity.

**Video Game Design** **Grades: 11-12**  
**943454** **Credit: .5**

This course will cover computer programming required for video games. The use of sounds, textures, graphics and animation will be covered. Game design and playability, use of objects, game interface, game testing, and quality control will be integrated into the units. The history of video

games and the types and uses of video games will be covered.

**Computer Animation**                      **Grades: 11-12**  
**943504**    **Credit: .5**

This class will provide a foundation in creating video-based, computer animation, using 3-D models, props, and backgrounds. Students will use pre-defined models and actions and will also create their own. Students will lip synch models with dialogue, use flocking techniques to simulate a large number of models, and will create videos using composites of several animations and live action. A history of animation and animation terminology will be presented.

**A+/Net+ Certification Study**      **Grades: 11-12**  
**943554**    **Credit: 1**

This course will cover content necessary to gain industry certification in A+ (computer maintenance and repair) and NET+ (networking principles and topics). Topics will include computer hardware, computer software, computer troubleshooting, general networking principles, and network topics. After completion of this class, students should be able to pass the A+ and NET+ tests.

**Career Academy Summer Internship Program**  
**Grade: Summer between 11<sup>th</sup> and 12<sup>th</sup> grade**  
**943604**    **Credit: 1**

This program is an exploratory internship experience, which provides an opportunity for students to work in an information technology environment. Emphasis will be placed on developing interpersonal skills, work ethics, and relevant skills of the workplace and an understanding of the selected career field of study. Prerequisite: students must meet all qualifications set forth in the academy guidelines to take part in this program.

**Internship II**                                      **Grade: 12**  
**943614**    **Credit: 1**

**Other Courses in the Academy of Information Technology**

**Computer Science I**                      **Grades: 10-12**  
**908204**    **Credit: 1**

See course description on page 25

**Digital Graphics and Animation** **Grades: 10-12**  
**908504**    **Credit: .5**

See course description on page 25

**Web Mastering**                              **Grades: 10-12**  
**908504**    **Credit: .5**

See course description on page 25

**Introduction to Business Computer Applications**  
**Grades: 9-12**

**944194**    **Credit: 1**

See course description on page 40

**Business Computer Applications** **Grades: 11-12**  
**944204**    **Credit 1**

See course description on page 41

**ACADEMY OF VISUAL & APPLIED ARTS**

**COMEAUX HIGH**

**Metalwork and Jewelry I**              **Grades: 9-12**  
**950554**    **Credit: 1**

Students will be trained in the elements and principles of art and design, as in all art courses. Illustration and original design will be taught to train students for a career as jewelry artists, or to enhance their skills for other creative fields. Higher order thinking will be developed through the process of working from inspiration to the execution of a design. Basic skills taught will be: sawing, filing, polishing, annealing, forging, carving and casting, drilling, drawing, researching, and designing original pieces. Advanced students will maintain a professional sketchbook like those

of university students. Students will be learning skills in creative problem solving, sequential planning, and collaborative work that are essential to all careers, and especially careers in art.

**Metalwork and Jewelry II**      **Grades: 10-12**  
**950564**      **Credit: 1**

Students will be trained in the elements and principles of art and design, as in all art courses. Illustration and original design will be taught to train students for a career as jewelry artists, or to enhance their skills for other creative fields. Higher order thinking will be developed through the process of working from inspiration to the execution of a design. Basic skills taught will be: sawing, filing, polishing, annealing, forging, carving and casting, drilling, drawing, researching, and designing original pieces. Advanced students will maintain a professional sketchbook like those of university students. Students will be learning skills in creative problem solving, sequential planning, and collaborative work that are essential to all careers, and especially careers in art.

**Metalwork and Jewelry III**      **Grades: 11-12**  
**950574**      **Credit: 1**

Students will be trained in the elements and principles of art and design, as in all art courses. Illustration and original design will be taught to train students for a career as jewelry artists, or to enhance their skills for other creative fields. Higher order thinking will be developed through the process of working From inspiration to the execution of a design. Basic skills taught will be sawing, filing, polishing, annealing, forging, carving and casting, drilling. Drawing, researching and designing original pieces. Advanced students will maintain a professional sketchbook like those of university students. Students will be learning skills in creative problem solving, sequential planning, and collaborative work that are essential to all careers, and especially careers in art.

**Art I for Designers**      **Grades: 9-12**  
**950004**      **Credit: 1**

This course is an introduction to the fundamentals of art. Students will study the elements and principles of design, drawing styles and techniques, value study, mask making, perspective, color theory, painting and 3-dimensional sculpture. Moreover, the study of art history and art criticism will help students analyze the aesthetic qualities of master artists' works. A lab fee and additional supplies are required.

**Art II for Designers**      **Grades: 9-12**  
**950104**      **Credit: 1**

**Drawing I**      **Grades: 9-12**  
**950114**      **Credit: 1**

**Drawing II**      **Grades: 10-12**  
**950124**      **Credit: 1**

**Drafting for Designers**      **Grades: 9-12**  
**950154**      **Credit: 1**

Basic Technical Drafting is a comprehensive approach to drafting as an occupation. Students work their way through manual drafting exercise including measurement, 3-view drawings, floor plans, and site plans. This course is beneficial to any student in the Industrial Arts/Technology field.

**Computer Graphics I**      **Grades: 10-12**  
**950204**      **Credit: 1**

In this course, students will explore computer applications used by the graphic designer in the context of solving visual communications problems. Skills acquired in this class will be useful for all design applications with a special focus on advertising design, graphic design, illustration, and animation. Students will become familiar with Adobe Creative Suite Plus Software in the new industry – standard Macintosh Computer Lab. This course is open to 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grade students. Art I for Designers will be a prerequisite starting in the 2007-08 school year.



**950184**

**Credit: 1**

The Painting I course is designed to introduce students to classical and contemporary paintings, creative techniques, and stylistic concepts used by multi-cultural artists. Based on the elementary foundations of Art I, students will develop individuality and creativity through their paintings, journals, and sketches which they will peer edit and constantly revise. Color theory, linear perspective, pictorial composition, figure/ground relationships, visual perception, spatial concepts, and critical thinking skills will all be emphasized throughout the two semesters. Students will study and research major painting styles and movements throughout history. Students will use acrylic medium on masonite, keeping a sketchbook to work out ideas, and to collect visual information.

**Painting II**  
**950194**

**Grade: 9-12**  
**Credit: 1**

This course is designed to expand from the elements of Drawing with a primary emphasis on freehand drawings from still life objects such as flowers and fruits, self portraits with mirrors, portraits from photographs, live figure drawing from manicans and live models (clothed), facial features, and hands. Students will be introduced to various drawing styles, surfaces, media, and techniques. Students will implement different techniques through sound compositions with the use of line variations, gestural drawings, blind contours, and shading techniques. These techniques provide a solid foundation to drawing realism especially in the coordination with shading techniques will allow for shadowing, and shading. The students will learn techniques in various textures to provide more realistic drawings though shading such as a glass, water, natural textures such as tree bark, and reflections. Participation in formal and informal critiques will allow the students to have a shared understanding of criteria for success in the drawing studio.

**Camera Art I**  
**950134**

**Grades: 9-12**  
**Credit: 1**

**Camera Art II**  
**950144**

**Grades: 9-12**  
**Credit: 1**

**Independent Studies in Art**  
**950404**

**Grade: 12**  
**Credit: 1**

**ACADEMY OF HEALTH CAREERS**

**LAFAYETTE HIGH SCHOOL**

**\*Core Curriculum must include the following**

**English I**  
**910554** Regular  
**910555** Honors  
**910557** Gifted

**Geometry**  
**910634** Regular  
**910635** Honors  
**910637** Gifted

**English II**  
**910564** Regular  
**910565** Honors  
**910567** Gifted

**Advanced Math**  
**910654** Regular  
**910655** Honors  
**910657** Gifted

**English III**  
**910576** AP  
**910574** Regular  
**910575** Honors  
**910577** Gifted

**Physical Science**  
**910674** Regular  
**910675** Honors  
**910677** Gifted

**English IV**  
**910586** AP  
**910584** Regular  
**910585** Honors  
**910587** Gifted

**Biology**  
**910694** Regular  
**910695** Honors  
**910697** Gifted

**Algebra I**  
**910604** Regular  
**910605** Honors

**Chemistry**  
**910704** Regular  
**910705** Honors  
**910707** Gifted

**Algebra II**  
**910614** Regular  
**910615** Honors  
**910617** Gifted

**Biology II**  
**910715** Honors  
**910716** AP  
**910717** Gifted

**Physics**  
**910755** Honors  
**910757** Gifted

**Introduction to Health Occupations Grade: 9**

**910104**

**Credit: 1**

**910105 Honors**

**Credit: 1**

This course is designed to determine the health care career most suited to the student's goal by learning the specifics of each role and factors that affect professional performance. This is an introductory course designed to provide the student with an exploratory experience that offers information on a variety of health care medical career fields. Education and responsibilities of various health careers will be explored, along with basic concepts common to all health careers. These concepts include: medical terminology, safety and accident prevention, professionalism, legal aspects, computers in health care, and an introduction to anatomy and physiology. Appropriate work-based learning strategies for this course include service learning, job shadowing, and field trips to various health facilities. Opportunities for application of clinical and leadership skills are provided by participation in vocational student organization suited to the student's goal of learning the specifics of each role and the factors that affect professional performance. Prerequisite: None.

**Health Science I**

**Grade: 10**

**910205**

**Credit: 1**

This course is an introductory course for the students who wish to pursue a career in one of the medical/health related occupations. Emphasis is placed on microbiology, medical terminology, anatomy/physiology, infection control, safety, and accident prevention, as well as personal health information. Topics of study reinforce science, mathematics, communications, social studies, and health education. Appropriate work-based learning strategies for this course include service learning, field trips, and job shadowing. Opportunities for application of clinical and leadership skills are provided by participation in an appropriate career and technical student organization for activities, conferences and skills competitions. For two credits to be granted, class time must meet the requirements in Bulletin 741, and additional work must be assigned and evaluated. It is recommended

that the student has completed Biology I. Prerequisites: Introduction to Health with a "C" or better.

**Medical Terminology I**

**Grades: 11-12**

**910304**

**Credit: 1**

This course provides the student with the ability to identify medical terms by analyzing their components. Emphasis is placed on defining medical prefixes, root words, suffixes, and abbreviations. The primary focus is on skill development, both oral and written, of the language utilized for communication in the health care professions: Prerequisites: None.

**Emergency Medical Technician-Basic**

**Grades: 12**

**910474**

**Credit: 2**

This course is designed to provide the student with advanced instruction to improve the quality of emergency medical care rendered to victims of accidents and illnesses. Topics include anatomy and physiology, disease processes, assessment and patient stabilization, and proper use of equipment. A total of 16 hours of vehicular experience will be required. This course is designed to meet all 2003 state and national requirements to prepare for testing in the EMT-Basic via the National Registry Exam. Prerequisite: First Responder and a 2.5 overall g.p.a.

**AHEC of a Summer Career Exploration**

**930404**

**Credit: .5**

This program is an exploratory experience, which provides an opportunity for students to work in a health care environment. Emphasis is placed on career opportunities in health care, while focusing on requirements and skills necessary for pursuing a career in medical profession. Educational workshops and group discussions serve as the didactic component of the program. Topics include, but are not limited to personal qualities of health workers, interpersonal communication skills, current health issues, medical communication skills, current health issues, medical terminology, and hospital orientation, financial aid for post-secondary education, health professional shortage areas, and CPR certification. Work-based learning includes job shadowing and





**911084 Dance IV Credit: 1**  
 The Dance programs develop in students a basic knowledge of and commitment to training in ballet, jazz, and tap dance. Students develop performance skills while working on basic choreography terminology and technique. They learn dance history as well as production elements of design, lighting, publicity, costuming, music, sound, sets, and makeup. Students perform several times a year, and have been invited to dance with area dance troops in Lafayette, Lake Charles, and Alexandria. Admission is by audition.

**Piano Grades: 9-12**  
**911114 Piano I A Credit: 1**  
**911104 Piano I Credit: 1**  
**911124 Piano II Credit: 1**  
**911134 Piano III Credit: 1**  
**911144 Piano IV Credit: 1**  
**911154 Piano Ensemble Credit: 1**

Piano classes at the Arts Academy are primarily performance-oriented, and cover music theory, sight-reading, keyboard musicianship, and creative improvisations. Students work with scales, chords, arpeggios, cadential progressions and inversions. Small class sizes make it possible for the instructor to work with each student individually each day to accommodate differing skill levels. Piano students perform several times a year. Admission is by audition.

**Acting I Grades: 9-12**  
**911204 Credit: 1**

**Performance I Grades: 9-12**  
**911244 Credit: 1**

**Voice/Movement for the Actor Grades: 9-12**  
**911300 Credit: 1**

**String Orchestra I Grades: 9-12**  
**911414 Credit: 1**

**String Orchestra II Grades: 9-12**  
**911424 Credit: 1**

**String Orchestra III Grades: 9-12**  
**911434 Credit: 1**

**String Orchestra IV Grades: 9-12**  
**911444 Credit: 1**

**Ensemble Strings Grades: 9-12**  
**911454 Credit: 1**

**Studio Strings Grades: 9-12**  
**911464 Credit: 1**

**Music Theory I Grades: 9-12**  
**911504 Credit: 1**

**Music Theory II Grades: 9-12**  
**911525 Credit: 1**

**Music Theory Application Grades: 9-12**  
**911526 Credit: 1**

**Music Media I Grades: 9-12**  
**911614 Credit: 1**

**Music Media II Grades: 9-12**  
**911624 Credit: 1**

**Performing Arts Internship I Grades: 9-12**  
**911654 Credit: 1**

**Performing Arts Internship II Grades: 9-12**  
**911664 Credit: 1**

**Musicianship I Grades: 9-12**  
**911674 Credit: 1**

**Musicianship II Grades: 9-12**  
**911684 Credit: 1**

**Guitar III Grades: 9-12**  
**911764 Credit: 1**

**Guitar I Grades: 9-12**  
**911774 Credit: 1**

**Studio Guitar I Grades: 9-12**  
**911784 Credit: 1**

**Studio Guitar II Grades: 9-12**

911794

Credit: 1

## ACADEMY OF ENGINEERING

### NORTHSIDE HIGH SCHOOL

#### **Drafting I Advanced                      Grade: 10** **951465                                      Credit: 1**

Students in the Drafting I (Computer Assisted Drafting and Design - CADD) class will begin with basic board drawing techniques such as lettering, three view drawings, and isometric drawings. This will be followed by the computer section of the course, during which the students will learn to use AutoCAD software to produce basic drawings. Prerequisite: Keyboarding, Geometry, and associated NHS Engineering Academy

#### **Drafting II Advanced                      Grade: 12** **951475                                      Credit: 1**

Students in the Drafting II class will continue developing their AutoCAD skills by learning the basics of mechanical, architectural, civil, and mechanical 3-D modeling. Prerequisite: Keyboarding, Drafting I, Engineering Lab I, and associated NHS Engineering Academy

#### **Technology Education Computer Application - Engineering                                      Grade: 10-12** **951605                                      Credit: 1**

This course is designed to provide students with the opportunity to explore a variety of technical careers through modular computer applications. Students will study and complete computer activities related to the fields of communication, construction, manufacturing, transportation, and biotechnology. Students will apply mathematics, science, and communication skills to study, design, and perform experiments to enhance their learning. Work-based learning strategies appropriate for this course include field trips,

service learning, and job shadowing. This course and Technology Student Association technical and leadership activities enhance skills essential for students interested in technical and engineering career fields. Prerequisite: General Technology Education and associated NHS Engineering Academy.

#### **Engineering Lab I                              Grade: 11** **951615                                      Credit: 1**

Engineering Lab I is designed to teach students technical skills in a variety of engineering areas, including electrical, pneumatic, geographical information systems, manufacturing processes, design, thermal systems, robotics, and structural systems. Students will rotate through these areas and will eventually use their knowledge to design a group engineering project. Prerequisite: General Technology Education, Drafting I, and associated NHS Engineering Academy.

#### **Engineering Lab II                              Grade: 12** **951625                                      Credit: 1**

Engineering Lab II is a continuation of Engineering Lab I, where students will continue developing their skills in the areas of manufacturing processes, design, robotics, and thermal systems. Students will also be introduced to the new areas of architectural design, computer control technology, and plastics technology. Prerequisite: Drafting I, Engineering Lab I, and associated NHS Engineering Academy.

#### **General Technology Education      Grade: 9-12** **951124                                      Credit: 1**

General Technology Education is a hands-on approach to various innovative forms of modern technology and is designed for both males and females of all high-school classifications. The first two six-week periods involve classroom study of the major areas of technology, The remainder of the year is spent in a modular computer lab where the student will receive introductory training in areas such as robotics, desktop publishing, electronics, computer numeric control, computer

animation, architectural design, CAD, flight simulation, writing and design, meteorology, and computer-assisted health care. The course is designed for students who wish to enhance their knowledge of modern technology. No prior computer experience is necessary.

### **Industrial Technology Applications**

**Grade: 9-12**

**951154**

**Credit: 1**

The Industrial Technology Applications course offers a broad exploratory technology experience to the students. Those taking this course will be provided with the hardware, software, and curriculum materials necessary for a complete learning experience in areas such as Computer Applications and Investigation, Computer Troubleshooting and Maintenance, Digital Photography and Web Page Design, Materials, and Processes, Construction Technology, Mechanisms, Electronics, and Automotive Technology. Upon successful completion of this course, each student should have basic knowledge of each of these areas, as well as a better understanding of possible career paths that would be suited to their individual interests and abilities.

### **Technology Education Internship Grade: 11-12**

**951644**

**Credit: 1**

**951654**

**Credit: 2**

These courses are designed to provide Technology Education students an opportunity to apply learned skills in the workplace. Paid or non-paid internships are provided in the student's related field of study. The students have the opportunity to explore a single potential technology education career or a combination of technology careers they may be considering. Emphasis will be placed on developing interpersonal skills, work ethics, and

relevant skills of the workplace and an understanding of the selected career field of study. Oral and written communication skills are reinforced in this course as the student completes his workplace experience. Opportunities for application of clinical and leadership skills are provided by participation in the appropriate student organization through activities, conferences, and skills competitions. Prerequisite: Completed at least two courses in the Technology Education program of study area.

## **ARTS ACADEMY**

### **Theater**

**964204**

**Theater I**

**Grades: 9-12**

**Credit: 1**

**964214**

**Theater II**

**Credit: 1**

**964224**

**Theater III**

**Credit: 1**

**964225**

**Theater III Studio**

**Credit: 2**

**964234**

**Theater IV**

**Credit: 1**

**964235**

**Theater IV Studio**

**Credit: 2**

The Theater Arts program seeks to identify and develop various student talents useful for future theater and film applications. All aspects of theatrical production are covered during the four-year curriculum. These include acting techniques such as stage movement, mime, voice and diction, and character development; theater history; make-up, set, lighting, and costume design; set construction; directing and stage management; and film appreciation. Students perform several times a year, for both invited audiences as well as public ones. They perform materials such as poetry and prose, monologues, duets, one-acts, and full-length plays. Admission is by audition.

### **Visual Art**

**964304**

**Visual Arts I**

**Grade: 9-12**

**Credit: 1**

<b>964314</b>	<b>Visual Arts II</b>	<b>Credit: 1</b>
<b>964324</b>	<b>Visual Arts III</b>	<b>Credit: 1</b>
<b>964325</b>	<b>Visual Arts III Studio</b>	<b>Credit: 2</b>
<b>964334</b>	<b>Visual Arts IV</b>	<b>Credit: 1</b>
<b>964335</b>	<b>Visual Arts IV Studio</b>	<b>Credit: 2</b>

The Visual Arts program is a multi-media exploration of studio production, with additional studies in Art History, aesthetics, and art criticism. Areas of study include design, painting, drawing, sculpture, printmaking, and commercial design. Experimentation with various media and techniques in each area is encouraged, and students gain by exposure to guest artists who show their work and working methods on a regular basis. Field trips to museums and galleries are part of the curriculum, as is portfolio preparation for scholarships and competitions. Students have several opportunities during the year to exhibit their work, both in group exhibitions, and competitive shows. Admission is by audition.

<b>Visual Arts V Studio</b>	<b>Grades: 11-12</b>
<b>964344</b>	<b>Credit: 1</b>

This class is for third-year advanced students who have completed two years of studio production.

## **W.D. SMITH CAREER CENTER**

### **ACADEMIC COURSES**

<b>American History</b>	<b>Grade: 11-12</b>
<b>956904 a.m.</b>	<b>Credit: 1</b>
<b>957904 p.m.</b>	<b>Credit: 1</b>

This course is recommended for juniors and is required for graduation. In the course, students will survey the political, economic and cultural developments of the United States from the Reconstruction period to the present.

<b>English IV</b>	<b>Grade: 11-12</b>
<b>956054 a.m.</b>	<b>Credit: 1</b>
<b>957054 p.m.</b>	<b>Credit: 1</b>

English IV is a comprehensive English course of literature, composition, and language study, including listening and speaking. Students read and respond to literature from various genres and cultures — including written, spoken and visual

tests — with British authors as the common focus. Study is arranged in thematic, chronological, or interdisciplinary units. The course offers supportive reading strategies for a variety of purposes. The composition component focuses on the writing process in literary analysis, creative and expository writing. The course emphasizes student use of research tools, resources and techniques for creating products and communicating knowledge. The language component integrates usage, mechanics, and strategies for vocabulary development. Listening and speaking skills are fostered throughout the course.

## **BUSINESS DESIGN**

<b>Advertising and Sales Promotion</b>	<b>Grade: 11-12</b>
<b>958104</b>	<b>Credit: 1</b>

This course allows students to apply the concepts and strategies needed to communicate information about products, services, and/or ideas using current technology. Emphasis is placed on developing and presenting a promotional plan to sell a product or service. Units of study include electronic media, advertising, publicity, public relations, sales promotion and visual merchandising. Prerequisite: Keyboarding or Introduction to Business Computer Applications.

<b>Entrepreneurship</b>	<b>Grade: 11-12</b>
<b>958124</b>	<b>Credit: 1</b>

This course is designed to introduce students to the rewards and risks of owning or operating a business enterprise. Emphasis is placed on the mastery of skills needed to plan, organize, manage, operate, and finance a business using current technology. Prerequisite: Keyboarding or enrolled in Keyboarding simultaneously or Introduction to Business Computer Applications.

<b>Retail Marketing</b>	<b>Grades: 11-12</b>
<b>958114</b>	<b>Credit: 1</b>

This course focuses on the application of marketing practices and principles at the retail level. It is designed to focus students on development of

product knowledge, sales, customer service, buying, pricing, merchandising, promotion, and inventory control skills using the latest technology.

## CAREER COURSES

<b>Automotive Technician I</b>	<b>Grade: 11-12</b>
<b>956104 2 Hours a.m.</b>	<b>Credit: 2</b>
<b>957104 2 Hours p.m.</b>	<b>Credit: 2</b>
<b>956124 3 Hours a.m.</b>	<b>Credit: 3</b>
<b>957124 3 Hours p.m.</b>	<b>Credit: 3</b>

<b>Automotive Technician II</b>	<b>Grade: 11-12</b>
<b>956114 2 Hours a.m.</b>	<b>Credit: 2</b>
<b>957114 2 Hours p.m.</b>	<b>Credit: 2</b>
<b>956124 3 Hours a.m.</b>	<b>Credit: 3</b>
<b>957134 3 Hours p.m.</b>	<b>Credit: 3</b>

The purpose of this course is to provide specialized classroom instruction and practical hands-on experience to prepare students to successfully compete in the automotive job field. Students are trained to select, maintain, and safely operate tools and equipment necessary to complete automotive repairs. This program focuses on (a) the diagnosis of malfunctioning equipment, and (b) the repair of automotive engines, and fuel, electrical, and brake systems.

Employment Opportunities: The automotive program will prepare students to effectively work in multiple automotive fields to include: independent repair shops, dealer service departments, car leasing companies, and vehicle maintenance depots.

Entrance Requirements: Applicants should express a strong desire to become actively involved in the automotive field.

<b>Cabinet Making I</b>	<b>Grade: 11-12</b>
<b>956164 2 Hours a.m.</b>	<b>Credit: 2</b>
<b>956184 3 Hours a.m.</b>	<b>Credit: 3</b>

<b>Cabinet Making II</b>	<b>Grade: 11-12</b>
<b>956174 2 Hours a.m.</b>	<b>Credit: 2</b>
<b>956194 3 Hours a.m.</b>	<b>Credit: 3</b>

The purpose of this program is to prepare individuals to construct wooden structures for residential and non-residential use. Students are taught to identify and use basic tools, measure and

manipulate wooden products, and apply multiple finishes as directed by the instructor. Hands-on experiences are provided in the construction of joinery and finishing of small, wooden cabinets. Emphasis in this course is placed on skills necessary in the local job market, development of interpersonal skills, and in completing assigned tasks in a safe manner. Students who advance in the program are provided experience in the operation of stationary power tools and advanced joinery techniques. In the second year, students design and assemble more complex cabinet projects, which require application of skills mastered in the first year of the program.

Employment Opportunities: Students who complete both years of this program are highly competitive in the local job markets because the skills mastered are readily usable by local businesses. The demand for students possessing the technical skills and academic background provided for in this program continues to increase throughout the community.

Entrance Requirements: Although no formal prerequisites exist for this course, applicants should have good communication skills and a basic knowledge of mathematics.

<b>Carpentry I</b>	<b>Grade: 11-12</b>
<b>956204 2 Hours a.m.</b>	<b>Credit: 2</b>
<b>957204 2 Hours p.m.</b>	<b>Credit: 2</b>
<b>956224 3 Hours a.m.</b>	<b>Credit: 3</b>
<b>957224 3 Hours p.m.</b>	<b>Credit: 3</b>

<b>Carpentry II</b>	<b>Grade: 11-12</b>
<b>956214 2 Hours a.m.</b>	<b>Credit: 2</b>
<b>957214 2 Hours p.m.</b>	<b>Credit: 2</b>
<b>956234 3 Hours a.m.</b>	<b>Credit: 3</b>
<b>957234 3 Hours p.m.</b>	<b>Credit: 3</b>

The purpose of this program is for a student to develop the skills necessary to be certified as an apprentice carpenter. Each year students taking this course participate in building a house from start to finish. Students begin the program by learning the safe use of power and hand tools used by carpenters in the construction industry. Reading house blueprints and materials lists, in addition to analyzing construction procedures, is covered

extensively in the classroom. Students build all parts of the house, which includes the (a) foundation, (b) interior and exterior features, (c) windows and doors, and (d) painting of the house. Additionally, the students will examine other related trades associated with carpentry in order to expand their understanding of other aspects of the construction field.

Employment Opportunities: These programs develop the students' basic knowledge of the carpentry field necessary to be highly competitive in the local job market. The hands-on construction experience combined with the academic background assist students completing this course in finding work in the construction field.

Entrance Requirements: Although no prerequisites exist for this course, students should have a solid understanding of mathematics and the use of measurement systems and be in good physical shape.

Fees: No fees are assessed for students enrolled in this program; however, many students purchase tools such as tape measures, hammer, and tool bags.

<b>Early Childhood Education I</b>	<b>Grade: 11-12</b>
<b>956244 2 Hours a.m.</b>	<b>Credit: 2</b>
<b>957244 2 Hours p.m.</b>	<b>Credit: 2</b>
<b>956264 3 Hours a.m.</b>	<b>Credit: 3</b>
<b>957264 3 Hours p.m.</b>	<b>Credit: 3</b>

The W.D. Smith Career Center's Childcare program provides a child-care training laboratory for high school juniors and seniors, and provides an environment favorable to the development of both the students enrolled in the course and the child in the day care center. This program is designed to allow the students to work with the children in the day care center four days per week. Each week the students are reassigned a different group of children to work with and are assigned as "team leaders" by the instructor. The fifth day of class is used to analyze the experiences of the previous week in group discussions with the teacher.

Entrance Requirements: Applicants should have a desire to work with small children.

Employment Opportunities: Upon completion of this program, students receive not only three credits toward graduation, but experiences

necessary to enter the day care, nursery, or medical field. The hands-on experiences provided in this lab setting provide the students with the skills necessary to enter into child-care related fields.

Fees: Students are assessed a fee in addition to fundraisers completed by the class throughout the year.

<b>Commercial Art I</b>	<b>Grade: 11-12</b>
<b>956284 2 Hours a.m.</b>	<b>Credit: 2</b>
<b>956304 3 Hours a.m.</b>	<b>Credit: 3</b>

<b>Commercial Art II</b>	<b>Grade: 11-12</b>
<b>956294 2 Hours a.m.</b>	<b>Credit: 2</b>
<b>956314 3 Hours a.m.</b>	<b>Credit: 3</b>

The purpose of this course is to serve as an introduction into the commercial art/design field. An overview of the activities undertaken by professionals within this broad field is provided. Basic design analysis, typography, mechanical and freehand drawing, concept development, and interpretative expression are some of the basic skills each student will master upon completion of this course.

Employment Opportunities: Students will be exposed to a variety of professionals in the commercial art field in both classroom lectures and on field trips. Students completing this course will be aware of the current demand for commercial artists, and the requirements necessary for further education in this field.

Entrance Requirements: Applicants should possess good language skills and be prepared to adapt to a wide variety of design applications.

Fees: A fee will be assessed for expendable materials and field trips.

<b>Electronics I</b>	<b>Grade: 11-12</b>
<b>956404 2 Hours a.m.</b>	<b>Credit: 2</b>
<b>957404 2 Hours p.m.</b>	<b>Credit: 2</b>
<b>956424 3 Hours a.m.</b>	<b>Credit: 3</b>
<b>957424 3 Hours p.m.</b>	<b>Credit: 3</b>

<b>Electronics II</b>	<b>Grade: 11-12</b>
<b>956414 2 Hours a.m.</b>	<b>Credit: 2</b>
<b>957414 2 Hours p.m.</b>	<b>Credit: 2</b>
<b>956434 3 Hours a.m.</b>	<b>Credit: 3</b>
<b>957434 3 Hours p.m.</b>	<b>Credit: 3</b>

The purpose of this program is to provide specialized classroom instruction and practical shop experience to prepare students for employment in the electronics field. The course content generally prepares students to maintain and repair minor electronic circuits. Instruction on blueprint and schematic analysis in order to diagnose and troubleshoot electrical problems in basic systems is provided utilizing a hands-on, laboratory format. Additionally, concepts relating to DC and AC circuitry, semiconductors and power supply, and digital theory are presented in classroom activities.

Employment Opportunities: The course emphasizes safe and efficient work practices and basic occupational skills, which will increase the student's ability to become employable in today's technological job place. Students completing this course have the basic skills to immediately enter the job force, or to continue to specialize at a post-secondary trade school.

Entrance Requirements: Applicants should express an interest

Fees: A fee will be assessed to each student enrolled in this course. This fee will cover the cost for an electronics kit and other miscellaneous supplies needed over the course of the year in a career involving electronics.

### **Culinary Occupations I: ProStart I**

**Grade: 11-12**

<b>95644</b>	<b>2 Hours a.m.</b>	<b>Credit: 2</b>
<b>957444</b>	<b>2 Hours p.m.</b>	<b>Credit: 2</b>
<b>956464</b>	<b>3 Hours a.m.</b>	<b>Credit: 3</b>
<b>957464</b>	<b>3 Hours p.m.</b>	<b>Credit: 3</b>

The purpose of the Food Services course is to develop basic cooking skills necessary for an entry-level job in the food service industry. Students will learn safety and sanitation standards to safeguard employees and customers. Students will prepare a variety of foods such as sauces, soups, salads, sandwiches, meats, and baked goods.

Employment Opportunities: The Food Services course prepares students to be employed in an entry-level position in restaurants, cafeterias, hotels, dietary departments of hospitals and nursing homes, bakeries, catering companies, and retail store cafeterias.

Entrance Requirements: No course prerequisites exist; however, Family and Consumer Sciences (Home Economics) classes would be beneficial to the students. The following supplies are needed for the course (a) a single subject composition notebook, (b) loose-leaf paper, (c) two pocket folders, (d) a PPD Skin Test, physical exam and Hepatitis B series. (These can be completed during the first semester)

Fees: A class fee is assessed each student who is enrolled in this course.

### **Culinary Occupations II: ProStart II**

**Grade: 11-12**

<b>958444</b>	<b>2 Hours a.m.</b>	<b>Credit: 2</b>
<b>959444</b>	<b>2 Hours p.m.</b>	<b>Credit: 2</b>
<b>958464</b>	<b>3 Hours a.m.</b>	<b>Credit: 3</b>
<b>959464</b>	<b>3 Hours p.m.</b>	<b>Credit: 3</b>

Food Service II is designed for juniors and seniors to increase their Food Service skills for employability upon graduation. Students must work in a paid internship earning a minimum of 400 hours of job experience. Food Service II also provides students with the opportunity to take a test at the completion of the course and be awarded a certificate from the National Restaurant Association Educational Foundation.

### **Fashion Design I**

**Grade: 11-12**

<b>958204</b>	<b>2 Hr. a.m.</b>	<b>Credit: 2</b>
<b>958214</b>	<b>3 Hr. a.m.</b>	<b>Credit: 3</b>
<b>959204</b>	<b>2 Hr. p.m.</b>	<b>Credit: 2</b>
<b>959214</b>	<b>3 Hr. p.m.</b>	<b>Credit: 3</b>

The purpose of this program is to train students in pattern making, apparel design and creation, determining fabric qualities, retail promotion, sales and productions. The course will be hands on and encourage the students to explore their own talents in the field of Fashion Merchandising.

Employment Opportunities: Training in Fashion Merchandising prepares the student to work in designing, manufacturing and retail. Job opportunities include stock clerks, pattern makers, sales associates, store managers, store buyers, and merchandise managers. Careers in the fashion field include visual merchandisers, models, copywriters, and fashion coordinators.

### **Fashion Design II**

**Grade: 11-12**

<b>958224</b>	<b>2 Hr. a.m.</b>	<b>Credit: 2</b>
<b>958234</b>	<b>3 Hr. a.m.</b>	<b>Credit: 3</b>

**959224 2 Hr. p.m. Credit: 2**

**959234 3 Hr. p.m. Credit: 3**

Fashion Design II will be geared for students who pass the skill test for Fashion Design I. Fashion Design II students will focus on business opportunities in the fashion industry. Fashion Design II students will complete advanced design projects that are community and individual oriented.

**Cosmetology I Grade: 11-12**

**956954 2 Hr. a.m. Credit: 2**

**956964 3 Hr. a.m. Credit: 3**

**957954 2 Hr. p.m. Credit: 2**

**957964 3 Hr. p.m. Credit: 3**

We all desire to look our best. As a professional cosmetologist, you can help others achieve that goal as you work toward an outstanding, rewarding career. Our program prepares you for the State Board of Cosmetology Operator's license exam by providing the training you need for the art and science of beautifying and improving the skin, nail, and hair. You'll learn all the basic beauty industry techniques in our on-campus salon/school. Students must interview prior to entering the program.

**Cosmetology II Grade: 11-12**

**956974 2 Hr. a.m. Credit: 2**

**956984 3 Hr. a.m. Credit: 3**

**957974 2 Hr. p.m. Credit: 2**

**957984 3 Hr. p.m. Credit: 3**

The advanced cosmetology program is designed for students who have completed Cosmetology I, basic entry level skills. Level II offers advance methods, with training and practice needed to become an effective professional cosmetologist. Our program prepares you for the State Board of Cosmetology Operator's license exam with practical advance techniques in our on-campus salon/school.

**Photography Grade: 11-12**

**956524 2 Hr. a.m. Credit: 2**

**957524 2 Hr. p.m. Credit: 2**

**956544 2 Hr. a.m. Credit: 3**

**957544 3 Hr. p.m. Credit: 3**

The purpose of this program is to develop basic photographic skills necessary for an entry-level job in the photographic industry. Students will learn how the 35mm camera operates and how to process

their own film and then make a photographic print in the darkroom. The program focuses on creativity and working individually on various assignments as issued by the instructor.

Employment Opportunities: Students who complete the one-year photography course are highly competent in the local job market in the area of retail sales. Some students may find that they would prefer to extend their training in this area by attending a school that specializes only in photographic technique. Admittedly, photography jobs in the local area of Acadiana are limited, and competition is tough.

Entrance Requirements: No formal prerequisite exists, but students must have reasonable reading and writing skills.

Fees: Students will have to purchase photographic film and paper for this class and pay a \$10 lab fee.

**Television Production I Grade: 11-12**

**958704 2 Hr. a.m. Credit: 2**

**959704 3 Hr. p.m. Credit: 3**

**958714 2 Hr. a.m. Credit: 2**

**959714 3 Hr. p.m. Credit: 3**

Students are trained in all aspects of television production. Basic skills include storyboards, digital cameras, lighting design, audio, set design, computer generated graphics, linear and non-linear computer editing. Students have full access to 2 camera studios on campus plus weekly trips to a local television station for hands-on experience in 3 camera studios. This course provides students with many skills using multi-media technology.

**Welding I Grade: 11-12**

**956704 2 Hr. a.m. Credit: 2**

**957704 2 Hr. p.m. Credit: 2**

**956724 3 Hr. a.m. Credit: 3**

**957724 3 Hr. p.m. Credit: 3**

**Welding II Grade: 11-12**

**956714 2 Hr. a.m. Credit: 2**

**957714 2 Hr. p.m. Credit: 2**

**956734 3 Hr. a.m. Credit: 3**

**957734 3 Hr. p.m. Credit: 3**

The purpose of this program is to develop welders for general arc welding production after two years of training. Students should be qualified to weld in general production work requiring multiple welding positions (flat, horizontal, vertical, and overhead). This course covers all types of welds, welding positions, welding materials, multiple pass welding, and the use of AC and DC welding machines. Additional polarity electrodes, low hydrogen electrodes, and iron powder electrodes welds are covered in this course. Students also receive instruction in welding safety, welding machine settings, and the classification and selection of welding electrodes.

Employment Opportunities: Many different industries in Louisiana require welding skills. Opportunities are very good for students who complete this program, and often these students can pick the job or industry of their preference. Pay varies with the welder's skill, knowledge, and requirements of the job. In Louisiana, starting pay ranges between \$5-\$6 per hour for beginning welders, and can increase to as much as \$10 per hour for experienced welders. An independent welder can expect to earn between \$20 and \$25 per hour.

Entrance Requirements: Applicants must be at least sixteen years old, and in reasonably good health. All students should be able to read and write English, and have average mathematical skills. Additionally, applicants must be able to pass a spatial perception and manual dexterity aptitude test with a score of eighty-five on the United States Employment Services Aptitude Test Battery.

A fee is required.

## **Introduction to Health Occupations**

**Grade:11-12**

**956494 1 Hr. a.m. Credit: 1**

**957494 1 Hr. p.m. Credit: 1**

Health Occupations is a comprehensive health course designed to expose students to many facets of the medical and allied health field. Emphasis is placed on bedside care at the assistant level (theoretical and practical application), safety concepts, safe practices for patients and employees, human anatomy and physiology, interpersonal communication, and career readiness skills. Additionally, a student completing this program can apply for certification by the state as a nursing assistant. This program is designed to follow both state and federal regulations. Students may apply for state certification as a nursing assistant.

Employment Opportunities: Certification as a nursing assistant will make the student employable in a community health care setting. Students who have completed both a written and procedural exam can be certified and employed as a nursing assistant. Job availability for certified nursing assistants exists throughout the state in hospitals, nursing homes, and home health care facilities. Additionally, students completing this course may seek post-secondary education for certification as an LPN or RN, physical therapists, lab technician, or in other professional medical areas.

Entrance Requirements: Although no formal prerequisites exist, a strong understanding of information from Biology I and II would greatly assist the applicants. A minimum grade point average of 2.0 is recommended due to the quick pace of instruction and large amount of studying necessary to successfully complete this course.

Fees: No fees are assessed for students enrolled in this program.

*Students wanting to earn 3 credits in Health Occupations must schedule Nursing Assistant I and Introduction to Health Occupations.*

## **HEALTH OCCUPATIONS**

**Nursing Assistant I Grade: 11-12**

**956484 2 Hr. a.m. Credit: 2**

**957484 2 Hr. p.m. Credit: 2**

## **Student Teaching and Reaching (STAR) I & II**

**Grades: 11-12**

**958084 1 Hr a.m. Credit: 1**

**959084 1 Hr p.m. Credit: 1**

The goal of the STAR Program is to encourage academically able students who possess exemplary

interpersonal and leadership skills to consider teaching as a career. Realistically, not every student in the STAR Program will become a teacher; therefore, an important secondary goal of the program is to provide these talented students who will be future community leaders, with insights about teachers and schools so that they will be advocates of education. The rigorous course contains lecture, discover, discussion, role playing, debate and observation activities in order to expose and educate Cadets on different methods of teaching. The students will be involved in observation and field experiences within classes at all grade levels as well as special education. Prerequisite: STAR I is required for STAR II.

**Career and Technical Education Internship I**  
**Grade: 11-12**

**958144 Hr. a.m. Credit: 1**  
**959144 Hr. p.m. Credit: 1**  
**958134 Hr. a.m. Credit 2**  
**959134 Hr. p.m. Credit: 2**

This course is designed to provide career and technical education students an opportunity to apply learned skills in the workplace. The student has the opportunity to explore a single potential career or a combination of careers they may be considering. Emphasis will be placed on developing interpersonal skills, work ethics, relevant skills of the workplace, and an understanding of the selected career field of study. Prerequisite: It is expected that each intern has basic skills in the program area of study. Acceptance into the internship should be based on an application process with a teacher and/or administrator recommendation. Good attendance and discipline records are required.

**Introduction to Health Occupations**

**Grade: 11-12**

**958244 1 Hr a.m. Credit: 1**  
**959244 1 Hr p.m. Credit: 1**

This course is designed to determine the health care career most suited to the student's goal by learning the specifics of each role and the factors that affect professional performance. This is an introductory course designed to provide the student

with an exploratory experience that offers information on a variety of health care medical career fields. Education and responsibilities of various health careers will be explored, along with basic concepts common to all health careers.

**Health Occupations Internships I Grade: 11-12**

**958254 2 Hr a.m. Credit: 2**  
**959254 2 Hr p.m. Credit: 2**

**Clinical Lab Assistant I Grade: 11-12**

**958284 1 Hr a.m. Credit: 1**  
**959284 1 Hr p.m. Credit: 1**

Introduction will be given to: anatomy, physiology, diseases – signs and symptoms, medical terminology, treatments, diagnostic. This course is designed to provide career and technical education students an opportunity to apply learned skills in the workplace. Paid or non-paid internships are provided in the student's related field of study. The student has the opportunity to explore a single potential career or a combination of careers they may be considering. Emphasis will be placed on developing interpersonal skill, work ethics, relevant skills of the workplace, and an understanding of the selected career field of study. Oral and written communication skills are reinforced in this course as the student completes their workplace experience. Opportunities for application of clinical and leadership skills are provided by participation in an appropriate career and technical student organization through activities, conferences, and skills competitions. For two credits to be granted class time must meet the requirements in Bulletin 741, and additional work must be assigned and evaluated. Prerequisite: Completed the Nursing Assistant I course.

**Clinical Lab Assistant II Grade: 11-12**

**910424 Credit: 2**

**Clinical Lab Assistant III Grade: 11-12**

**910434 Credit: 3**

**Emergency Medical Technician - Basic**

**Grade: 11-12**

**958304 a.m. Credit: 2**  
**959304 p.m. Credit: 2**

This course is designed to provide the student with advanced instruction to improve the quality of emergency medical care rendered to victims of accidents and illnesses. Topics include anatomy and physiology, disease processes, assessment and patient stabilization, and proper use of equipment such as automatic external defibrillators, blood glucose monitors, MAST trousers, airway adjuncts, extrication, ambulance protocols, and practical skills sessions. Reinforced in this course are legal, ethical, medical, and cultural issues, "Scope of Practice," documentation and communication skills, and infection control. Appropriate work-based learning strategies for this course are clinical experiences, guest lectures by other professionals, and experienced ambulance staff assisting with skills competence. This is a simulated course in which the proper professional and technical equipment is in place for training on the equipment. A total of 16 hours of vehicular experience will be required. Students must be certified in CPR-BLS for Health Care Provider with the American Heart Association prior to EMT-Basic certification. This course is designed to meet all 2003 state and national requirements to prepare for testing in the EMT-Basic via the National Registry Exam. Prerequisite: First Responder.

## **WORK PROGRAMS**

*Work programs offer on the job experience and related class instruction. Students attend one hour of classroom instruction each day at the Career Center, **WORK** and average of **15 HOURS** per week in local businesses, get **3 CREDITS** toward high school graduation, are **PAID BY BUSINESSES** where they work, and are **GRADED** both in the classroom & on the job. Students must provide their own transportation to and from the Career Center and their job. There are 3 work programs offered.*

### **Cooperative Marketing Education**

**Grade: 11-12**

**956324 a.m. Credit: 3**  
**987324 p.m. Credit: 3**

Students enrolled in cooperative Marketing I receive course credit for successful completion of classroom academics in the course in which they are enrolled and on the job training through this

course. Students work under the guidance of a teacher facilitator in collaboration with community members/business representatives who serve as on-the-job trainers. Students are evaluated both in the classroom and on the job. The final course grade is a combination of classroom and work site job performance. Prerequisite: One marketing course or Principles of Marketing.

### **General Cooperative Education I Grade: 11-12 957804 Credit: 3**

This course is designed to provide students with part-time work experience in various occupations combined with classroom instruction in their perspective fields of study. Emphasis is placed on skill development in personal career management and human relations. Critical thinking skills and oral and written communications skills are reinforced in this course through the use of business application projects. Work based learning strategies appropriate for this course are service learning, field trips, and job shadowing, internships and apprenticeships. Simulations, projects, teamwork, DECA and FBLA leadership activities, meetings, conferences, and competition provide opportunities for application of instructional competencies. Prerequisite: None

### **Hospitality, Travel & Tourism Grade: 11-12 956354 3 Hrs a.m. Credit: 3 957354 3 Hrs p.m. Credit: 3**

This Cooperative Education is an introductory course providing students with basic skills to be applied toward a successful career in the ever growing, ever more challenging hospitality industry. This course also provides students with part-time employment in hotels, restaurants, fast food, tourist attractions, car rental agencies, and airports. Emphasis is placed on the hospitality service industry and the various services that are provided. Topics covered in this course range from organization of different lodging businesses to the services provided such as food services, communications services, room services, and guest services. Field trips throughout the year will allow the students to be exposed to how the organization is run, covering such items as decorating, landscaping, inventory, accounting, and other basic business components of the hospitality industry. Simulations, projects, and teamwork provide

opportunities for application of instructional competencies.

**STAR-I**

**Grade: 11-12**

**958084**

**Credit: 1**

See description on page 68

**STAR-II**

**Grade: 11-12**

**958094**

**Credit: 1**

Same description as STAR-I.

# **LAFAYETTE PARISH SCHOOL BOARD 2010**

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*This course catalog can be  
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