

# Central Lafourche High School



2017 - 2018

## Curriculum Guide

## INTRODUCTION

The purpose of this guide is to help you make wise decisions about the courses you may wish to take in the future. You can access information about diploma tracks, honor graduates, valedictorians, distinguish service graduates, and many other important aspects of your high school life. You can find a brief description of the course offerings with notations about prerequisites for the course and course unit value. If you have any questions about a specific course, please feel free to talk to one of your teachers or school counselors.

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## GENERAL SCHEDULING INFORMATION

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The information presented in this Curriculum Guide is accurate at the time of publication to the best of our knowledge. Some of the information may be subject to change.

- The student and his or her parents should study this guide in serious preparation for the coming year(s).
- The student must complete the schedule request form prior to meeting with the counselor. Please note that a parent's signature is required on the student's schedule request form.
- The master schedule will be constructed based on course requests; therefore, no schedule changes will be allowed once the master schedule has been generated.
- A student requesting Honors or AP courses must complete the AP/Honors Classes Guidelines and Expectations Contract at the time of scheduling before course requests can be finalized.
- A student attending the Career Magnet Center must complete the contract for permission to attend.
- Upon arrival of the student's final report card grades, a student's course request form will be reviewed and revised accordingly.
- If any changes occur in state/local policy, a student's course request form will be reviewed and revised accordingly.

## REPEATING COURSES

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A student may repeat any previously attempted TOPS core courses in order to achieve a higher grade average. To repeat a course attempted, the student must submit a written request to the principal, or his designee, within 5 days of the issuance of the final grade report for the course. The higher grade of the repeated course shall be reported on the student's

transcript and will be awarded Carnegie credit. The Carnegie credit for the lower graded course shall be removed from the student's transcript.

A student may repeat any previously failed non-core course. Example: Family Consumer Science 1 will only be offered as an entire course. A student that has  $\frac{1}{2}$  units in Family Consumer Science 1 must repeat the entire course to earn full credit.

A student must repeat any previously failed core course through the Credit Recovery program.

## CREDIT RECOVERY

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Please stress to your child the importance of working hard and doing their best to pass the first time they attempt the course. Students that do not pass a course either will be rescheduled in the course the following school year or will need to complete the course on our online Edgenuity (e2020) program.

## COURSE COMPLETION

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- A student may earn a  $\frac{1}{2}$  credit for a partially completed course.
- A student who elects to exit or terminate a Carnegie unit course 5 or more days after the start of the course, shall receive a grade of "F" for the course.
- A student, who must repeat a subject because of a failure may elect to repeat that course with another teacher, provided another teacher is available.

## AP/HONORS COURSES

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All students in grades 9, 10, 11, and 12 are eligible to enroll in Advanced Placement courses. Starting in the 2018-19 school year, students must now meet the following eligibility criteria for enrollment in Honors/ AP courses:

- Must have a 3.0 GPA from the previous year in subject area.
- Must have a score of Mastery or above on prior year's standardized test, if applicable.
- Must meet attendance requirement of 11 or less unexcused absences.
- Must have written permission from parent(s) or guardian(s).

Students and parents must be aware that these courses are college preparatory courses. The course may include summer assignments, independent work outside of the class, and an increase in student work. Students that are successful in these courses tend to score high on their state tests, have an A average in the content area, and have a great work ethic with a plan to attend a four year university.

By taking an Honors/ AP course, a student can potentially earn college credit while in high school. College Level Exams are mandated in the following courses:

- English III Honors: CLEP College Composition Modular
- English IV AP: AP English Literature and Composition
- Algebra II Honors: CLEP College Algebra
- American History Honors: CLEP United States History
- Psychology AP: AP Psychology

For AP tests, a score of 3 or higher on a 5 point scale will earn a student college credit. For CLEP tests, a score of 50 or higher can earn a student college credit. Each student should check with their intended university for courses earned through AP and CLEP testing.

Each student is responsible for the cost of the exam. Next year's estimated cost is \$94 per AP exam, and \$85 per CLEP exam.

AP Language and Composition, AP Literature and Composition, and Dual Enrollment classes which are part of the TOPS Core Curriculum will be calculated on the five point - (5.00) scale.

For such courses, the following quality points will be used:

Letter Grade "A" - 5 points

Letter Grade "B" - 4 points

Letter Grade "C" - 3 points

Letter Grade "D" - 2 points

Letter Grade "F" - 0 points

## EXIT CRITERIA FOR HONORS AND AP COURSES

The only opportunity that students have to change out of an Honors or AP course is at midterm if enrolled in the class at CLHS. (This doesn't apply to classes taken at CMC.) Students that opt out of English, Science, Math and some Social Studies Honors and/or AP courses will move into a regular course at midterm. However, please note that this may cause some schedule conflicts. For American History AP, students who opt out of this course will need to take the entire course through e2020 because of the order in which content is delivered.

A student may transfer out of an Advanced Placement/Honors class at mid-term after a parent conference and only with the principal's approval. The student's parents or guardians must approve of the transfer and understand that once the transfer has occurred, it will not be reversed during the school session. A parent signature on a schedule request form is needed by midterm in order for the student's schedule to be changed.

## EXIT CRITERIA FOR ELECTIVE COURSES

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Students have the opportunity to change their schedule 5 days from the first day of the school year in August and 5 days after the beginning of the second semester in January. Students are not allowed to change elective courses they have selected through the scheduling request the previous year unless there is a scheduling conflict. A Schedule Request Change Form must be completed with a parent signature for the request to be considered.

## GRADING

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### Grading Scale for AP Courses

Grade	Percentage
A	100 - 90
B	89 - 80
C	79 - 70
D	69 - 60
F	Below 60

### Grading Scale for Regular/Honors Courses

Grade	Percentage
A	100 - 93
B	92 - 85
C	84 - 75
D	74 - 67
F	66 - 0

## ATTENDANCE

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Attendance requirements are no more than 11 absences in full credit courses and no more than 6 absences in half credit courses. Tardiness and early check outs are considered absences. Attendance recovery is available for students that have excessive absences. Any student that has too many absences in a course will be denied credit for that course, regardless of the grade. Seniors must meet the state attendance requirements of all scheduled classes in order to participate in the graduation ceremony.

## END OF COURSE (EOC) & LEAP 2025 EXAMS

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The Louisiana Department of Education has established an End of Course Exam (EOC) for certain courses as a requirement for graduation effective with the graduating class of 2014. Student must pass an English, Math, and Science or History exam for a standard diploma. EOC scores are reported as Excellent, Good, Fair, or Needs Improvement. Students will also receive a grade on their report card that counts as 1/5 of their final grade. The grades are assigned as follows: Excellent (A), Good (B), Fair (C), Needs Improvement (D or F, depending on the score). Scores of Excellent, Good, and Fair are considered passing. Scores of Excellent and Good are considered proficient. The following courses have an EOC exam:

Algebra I and Geometry (student must pass one)  
English II and English III (student must pass one)  
Biology I and US History (student must pass one)

In 2017-18, the Louisiana Department of Education redesigned several EOC exams, renamed LEAP 2025 exams. Students entering high school in or after 2017-18 will be required to take these redesigned exams. LEAP 2025 exam scores will be reported as Advanced, Mastery, Basic, Approaching Basic, and Unsatisfactory. Students will also receive a grade on their report card that counts as 1/5 of their final grade. The grades are assigned as

follows: Advanced (A), Mastery (B), Basic (C), Approaching Basic (D), and Unsatisfactory (F). Students entering high school in or after 2017-18 will need to score at least an Approaching Basic on LEAP 2025 exams or Fair on EOC exams in the following courses to meet graduation requirements:

Algebra I LEAP 2025 and Geometry LEAP 2025 (student must pass one)

English I LEAP 2025 and English II LEAP 2025 (student must pass one)

Biology I EOC and US History LEAP 2025 (student must pass one)

## PATHWAY CREDENTIALS

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Beginning with incoming freshmen 2014 - 2015 and thereafter, students following the Jump Start TOPS Tech Career Diploma must also pass an exam, earning a credential in a pathway they have chosen. The credential is specific to the pathway and will be identified in the course description. This credential exam must be passed in addition to the required EOC exam in order for a student to graduate with a standard diploma.

## CAREER MAGNET CENTER ENTRY CRITERIA

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Students interested in taking courses at the Career Magnet Center need to meet the following criteria:

- Junior or Senior status
- Must enroll in 3 courses at the CMC
- Have a minimum cumulative “C” average (minimum 1.5 GPA)
- Be in good standing at CLHS (minimal discipline referrals and absences)

- Permission form to attend the CMC must be signed by the student and parent before schedule requests can be scheduled

## ACT AND ACT WORK KEYS

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Students in grades 9 – 12 will take the ACT series of exams as follows:

11<sup>th</sup> grade – ACT

12<sup>th</sup> grade – ACT

11<sup>th</sup> and 12<sup>th</sup> graders on the current Career Diploma Track – ACT Work Keys

ACT- The ACT® is a curriculum and standards-based educational and career planning tool that assesses students' academic readiness for college. The ACT is accepted by all four-year colleges and universities in the United States. The ACT is not an aptitude or an IQ test. Instead, the questions on The ACT are directly related to what students have learned in high school courses.

WORK KEYS - ACT WorkKeys is a job skills assessment system that helps employers select, hire, train, develop, and retain a high-performance workforce. This series of tests measures foundational and soft skills and offers specialized assessments to target institutional needs. Successful completion of ACT WorkKeys assessments in Applied Mathematics, Locating Information, and Reading for Information can lead to earning ACT's National Career Readiness Certificate (ACT NCRC), a portable credential that can help students obtain better jobs.

## GRADE LEVEL CLASSIFICATIONS

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**9T** – Any incoming 9<sup>th</sup> grade student who does not meet the 8<sup>th</sup> grade promotion requirements.

**Freshman** – Any incoming 9<sup>th</sup> grade student who meets the 8<sup>th</sup> grade promotion requirements.

**Sophomore** – A student who has earned at least 5 Carnegie units, one of which must either be Non-Remediation Level English (English I or Technical Writing), or a Non-Remediation Level Math (Algebra I or Financial Literacy or Math Essentials).

**Junior** – A student who has earned at least 11 Carnegie units, four of which must be core subjects including both Algebra I and English I.

**Senior** – Any student who has earned at least 18 Carnegie units and completed all Junior level requirements.

## DIPLOMA TRACKS

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### TOPS UNIVERSITY DIPLOMA

Research has shown that student completing a rigorous academic core will be better prepared for college and workforce training. A rigorous academic core reduces the chance of remedial coursework in four-year colleges and technical schools. After a student has attended high school for a minimum of two years, as determined by the school, the student, and the student's parents or guardians may request that the student be exempt from completing the TOPS University Diploma and instead will complete the Jump Start TOPS Tech Career Diploma Curriculum. Completion of any of these curriculums will result in a high school diploma. Only students completing the TOPS University Diploma will be allowed to enter a four-

year university. Students need to pass the required EOC exams in addition to this curriculum in order to graduate.

### JUMP START TOPS TECH CAREER DIPLOMA

Students following the Jump Start TOPS Tech Career Diploma will need to complete a number of core courses in addition to nine courses in a selected pathway. Along with the completion of the required courses, students will need to pass an exam(s) to earn a credential(s) in the selected pathway. By completing these courses and earning a credential, it will allow our students to become more skilled and employable upon completion of high school. The list of pathways can be found at the end of this Curriculum Guide. Students need to pass the required EOC exams and credentialing exam(s) in addition to this curriculum in order to graduate.

# TOPS University Diploma Requirements

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## English - 4 Units

- English I, English II, English III/AP Language and Composition, English IV/AP Literature and Composition

## Math - 4 Units

- Algebra I, Geometry, Algebra II
- & one unit from the following: Algebra III, Advanced Math, Advanced Math - Pre Calculus, Calculus

## Science - 4 Units

- Biology I, Chemistry I
- & two units from the following: Earth Science, Environmental Science, Physical Science, Agriscience I and Agriscience II, Chemistry II, Physics I, or Biology II

## Social Studies - 4 Units

- US History/American History AP, Civics/US Government
- & two units from the following: Western Civilization, European History, World Geography, or World History/AP World History

## Foreign Language - 2 Units

- French I and French II or Spanish I and Spanish II

## Art I - 1 Unit

- Art, Music, Dance, Theatre, Fine Arts Survey

## Health/Physical Education - 2 Units

- Physical Education I
- ½ Unit of Physical II or ½ unit of band, sports, dance team, cheer
- ½ Unit of Comprehensive Health
- or JROTC I and JROTC II

## Electives - 3 Units

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**Total Units: 24**

# Jump Start TOPS Tech (Career Diploma) Requirements

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## English - 4 Units

- English I, English II
- & 2 Units from the following: English III, Business English, Technical Writing, or English IV

## Math - 4 Units

- Algebra I
- & three units from the following: Geometry, Math Essentials, Financial Literacy (formerly financial math), Algebra II, Business Math, or Advanced Math

## Science - 2 Units

- Biology I
- & one unit from the following: Chemistry, Earth Science, Environmental Science, Physical Science, Agriscience I and Agriscience II,

## Social Studies - 2 Units

- US History/ American History AP
- Civics/US Government

## Health/Physical Education - 2 Units

- Physical Education I
- ½ Unit of Physical II or ½ unit of band, sports, dance team, cheer
- ½ Unit of Comprehensive Health
- or JROTC I and JROTC II

## Jump Start - 9 Units

- **Jump Start course sequences and Credentials as approved in Regional Jump Start proposals**

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**Total Units: 24**

\*Jump Start Pathways for CLHS found on page 52 of this Curriculum Guide



## TOPS Tech

For the Opportunity Tech Award  
For High School Graduates of 2016 and Beyond

Units	Core Courses
<b>ENGLISH = 4 Units</b>	
2	English I, II
2	English III, English IV, Technical Writing, Business English
<b>MATH = 4 Units</b>	
1	Algebra I
3	Geometry, Advanced Math-Pre-Calculus, Calculus, Math Essentials, Financial Literacy, Business Math
<b>SCIENCE = 3 Units</b>	
1	Biology I
1	Physical Science, Environmental Science, Chemistry, or both Agriscience I & II (both for 1 unit)
<b>SOCIAL STUDIES = 3 Units</b>	
1	U.S. History
1	Government, Civics, AP
<b>Jump Start Course Sequence = 9 Units</b>	
9	Jump Start Course Sequence Electives
<b>Total = 21 Units</b>	

### Standard Eligibility Requirements:

GPA	2.50 (computed from 21 total Core Courses listed above)
ACT	17 or higher, or a Silver Level or higher on WorkKeys
Enrollment	Must enroll full time as a first time freshman
Eligible Institutions	LA Technical College campuses and other public postsecondary schools that provide skill or occupational training and certain cosmetology and proprietary schools
Maximum Award	Payment is contingent upon appropriations by the Louisiana Legislature

### Renewal Requirements:

Steady Academic Progress	2.50 at the end of the academic year, maintain steady academic progress at the end of all other terms or semesters (2.00 cumulative GPA)
Hours Earned	Enroll full time and maintain continuous enrollment each semester, earn 24 hours or more each academic year
Award Limit	2 years



# TOPS Core Curriculum

For the Opportunity, Performance,  
and Honors Awards

For High school graduates of 2018 and Beyond

Units	Courses
English = 4 units	
2 units	English 1, English II
1 unit	English III, AP English Language Arts and Composition
1 unit	English IV, AP English Literature and Composition
Math = 4 units	
3 units	Algebra I, Geometry, Algebra II
1 unit	Algebra III, Advanced Math, Calculus
Science = 4 units	
2 units	Biology, Chemistry
2 units	Environmental Science, Physical Science, Agriscience I and Agriscience II (one unit combined), Chemistry II, Physics, Biology II
Social Studies = 4 units	
1 unit	US History or AP US History
1 unit	Civics, Government, or AP Government
2 units	Western Civilization, European History, World History, World Geography
Foreign Language = 2 units	
2 units	Both units in the same language: French or Spanish
Art = 1 unit	
1 unit	Performance course in Music, Dance, or Theatre; Fine Arts Survey, Art I, II, III, or IV
Total = 19 Core Units	

Standard Eligibility Requirements	Opportunity Award	Performance Award	Honors Award
High School GPA (computer from 19 Core Units)	2.50	3.00	3.00
ACT Composite	20	23	27
Enrollment in college	Full Time	Full Time	Full Time
Eligible Schools	LA Public Institutions	LA Public Institutions	LA Public Institutions
Maximum Award	Contingent on appropriations by LA Legislature	Opportunity Award plus maximum \$400 per academic year	Opportunity Award plus maximum \$800 per academic year
<b>Renewal Requirements</b>			
Maintain Steady Academic Progress	2.30 end of first academic year; 2.50 end of all other academic years	3.00 end of each academic year	3.00 end of each academic year
Hours Earned	Full time enrollment	Full time enrollment	Full Time Enrollment
Award Limit	4 years or 8 semesters	4 years or 8 semesters	4 years or 8 semesters

# Checklist for College Planning

When to Begin	What to Do	How to Do It
<input type="checkbox"/> Freshman and sophomore years	Become familiar with college entrance requirements. Do colleges differ in course requirements? Which courses in your high school curriculum satisfy college requirements?	Work with parents, teachers, and counselors to create a four-year high school curriculum plan to satisfy your goals.
<input type="checkbox"/> September-March of junior year	Think about your reasons for going to college. What are your goals? What learning opportunities are most important? Do your college plans include career plans?	Talk with your parents, counselor, teacher, and friends.
<input type="checkbox"/> January-March of junior year	Identify important factors in choosing a college. Two-year or four-year? Location? Cost? Kind of atmosphere? Variety of study programs available?	Focus on your goals and career interests. Consult college guidebooks.
<input type="checkbox"/> March-August of junior year	List colleges you are considering and collect information. Have you included all possible choices? What information do you need? How can you get it?	Read, discuss, listen, and visit colleges. Attend college fairs and college night programs in your area. Take appropriate college admissions test
<input type="checkbox"/> August-December of senior year	Compare the colleges on your list. Have you weighed pros and cons carefully? Which colleges will meet your needs?	Continue visiting colleges. Organize information into detailed, useful comparisons.
<input type="checkbox"/> August-November of senior year	Apply to your "choice" colleges. Do you have all the necessary forms? Are you sure of the application deadlines?	Obtain application forms. Observe deadlines. Submit transcript and test scores.
<input type="checkbox"/> November -February of senior year	Apply for financial aid. Have you investigated all possible sources of aid? When should you apply?	Consult financial aid office. Secure forms and note deadlines.
<input type="checkbox"/> November-April of senior year	Make some final decisions. What additional preparation might be helpful? Do you feel comfortable with your final choice?	Confer with parents and counselors. Confirm your decision, and decline other admission

# LOUISIANA BOARD OF REGENTS

## MINIMUM ADMISSION STANDARDS FOR FIRST-TIME FRESHMEN

In April of 2010, the Louisiana Board of Regents approved these freshmen minimum admission standards for regular admission to a Louisiana, public four-year university – flagship, statewide, or regional. These standards are effective Fall 2012, except where noted. **Students should check with the specific institution for additional information, as some have adopted or may choose to adopt additional requirements for admission.**

Flagship: LSU

1 High School Curriculum	Regents' Core: 19 units (from Core 4 Curriculum) Those courses in the English, Math, science, Social Studies, Foreign Language, and Arts Categories as defined in the Core 4 Curriculum listed in Louisiana Department of Education Bulletins 741 <a href="http://www.doe.state.la.us/bese/policies.html">www.doe.state.la.us/bese/policies.html</a> (Section 2318 of the LA Handbook for School Administrators and Section 2109 of the LA Handbook for Nonpublic School Administrators)
	and
2 Overall High School GPA	Minimum overall High School GPA – 2.00
	and
	Developmental courses needed: Effective Fall 2012: 0 at Flagship and Statewide Universities, 1 at Regional Universities Effective Fall 2014: 0 at any University As demonstrated by the following minimum ACT sub scores: ACT English – 18, Math – 19 As per Board of Regents' Academic Affairs policy 2.18 <a href="http://regents.louisiana.gov/index.cfm?md=pagebuilder&amp;tmp=home&amp;pid=106">http://regents.louisiana.gov/index.cfm?md=pagebuilder&amp;tmp=home&amp;pid=106</a>
	and one of the following
4 High School Core GPA	GPA on the Core Courses – 3.0 Flagship GPA on the Core Courses – 2.5 Statewide GPA on the Core Courses – 2.0 Regional
	or
ACT	ACT Composite – 25 – Flagship ACT Composite – 23 – Statewide ACT Composite – 20 – Regional

Statewide: LA Tech, ULL, and UNO

Regional: Grambling, LSU-A, LSU-S, McNeese, Nicholls, NSU, SLU, SU, SUNO, ULM

Two-Year institutions are open admission for freshmen students with: a diploma from a BESE-approved high school, or GED or its equivalent, or appropriate score on an Ability to Benefit test.

## DISTINGUISHED SERVICE GRADUATE

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Each High School has developed a Distinguished Service Graduate Program whereby students have the opportunity to be recognized at graduation by the wearing of a special cord to indicate that they have volunteered hours to the school, community, or church of choice.

The goals of this program are as follows: (1) To help students develop a sense of social responsibility; (2) to provide our communities with a source of responsible, contributing citizens; (3) To give students an opportunity to develop experiences necessary for productive citizenship; and (4) to provide an opportunity for students to serve their schools and community and gain a sense of self-worth.

The following information is presented to students upon registration into the program:

1. The program is voluntary. Although all students are encouraged to take part, participation is not required.
2. Each candidate must register with the Counseling Center/Student Services office.
3. Candidates must earn a minimum of 30 service hours for each year of attendance.
4. One-third of the total number of hours must be in service to the school; the other two-thirds may be in service to the community or church of preference or a combination of both.
5. Service hours done in coordination with other programs do count toward fulfillment of the program requirements.
6. Only hours submitted on a completed verification form will be acceptable for credit.
7. Service hours performed prior to a missed deadline are invalid.
8. Delinquent hours may be made up at the rate of 2:1 with approval from principal.
9. Verification forms submitted after **May 1<sup>st</sup>** , will not be accepted.

RESPONSIBILITY is a major component of this program; therefore the student should be mindful that he or she is directly responsible for completing the proper forms to meet the established deadlines each year.

The student is responsible for checking the service hours report at the end of each semester and reporting any errors to the proper school official.

## VALEDICTORIAN AND HONOR GRADUATES

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### Valedictorian

For the graduating classes of 2016 and beyond, a student must take, for credit, 12 of the courses from the Honors/Advanced Placement course list to be considered for Valedictorian. The student(s) must have the highest grade point average overall in the graduating class.

### Honor Graduate

For the graduating classes of 2016 and beyond, a student must take, for credit, 8 of the courses from the Honors/Advanced Placement course list to be considered an honor graduate. The student(s) must have a minimum cumulative grade point average of a 3.50.

# COURSE DESCRIPTIONS - CENTRAL LAFOURCHE HIGH SCHOOL

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## CORE COURSES

### ENGLISH

**Business English** (1 unit) a one-semester course, students learn the skills needed to be successful in a business organization. Students develop audience awareness skills and skills applicable to workplace communication. Students will study common business correspondence, including the correct form and use of business applications, information management, information technology, and telecommunications. Reading and writing of business documents, such as routine letters and emails, specialized letters, memoranda, brochures, articles, workplace and management books, and reports, should be emphasized. Students will develop skills in the practical principles of grammar, punctuation, and vocabulary needed in business transactions. They will also gain skill in and practice speaking, listening, and communicating nonverbally in a business environment. This course may be used to meet the English requirements for graduation on the Jump Start TOPS Tech Diploma Pathway.

**English I** (1 unit) this course focuses on developing skills in reading, writing, speaking, and listening. Vocabulary knowledge is extended beyond basics into content-specific and technical works. Students are introduced to the study of specific genres and universal themes in literature.

**English I Honors** (1 unit) an accelerated course which focuses on reading, writing, literature, speaking and listening. Vocabulary knowledge is extended beyond the basics into content-specific and technical works. Students are introduced to the study of literature of specific genres and universal themes. NOTE: A summer assignment, extra outside reading assignments, purchasing novels, and entering essay and poetry contests will be required. Prerequisite: AP/Honors Eligibility Criteria (see page 7).

**English II** (1 unit) focuses on applying skills related to a student's knowledge of the language of reading, writing, literature, speaking, and listening. Students deepen their critical thinking skills by analyzing elements within and across a variety of texts. The study of literature by genre is extended to analyzing literary elements, identifying

recurring themes in literary works, and comparing and contrasting elements in multiple texts. In writing, the focus is on developing formal compositions that are thesis driven and on extending knowledge of standard usage and mechanics. Students will demonstrate skill in assessing and evaluating the usefulness of information from a wide variety of sources in order to produce documented research reports and projects. Prerequisite: English I.

**English II Honors** (1 unit) is an accelerated course with concentration on grammar and composition. This course is designed to prepare students for AP courses in English III and English IV. Summer assignments will be issued and expected to be completed for the first day of school for a grade. This is a college prep course NOTE: A summer assignment, extra outside reading assignments, purchasing novels, and entering essay and poetry contests will be required. Prerequisite: AP/Honors Eligibility Criteria (see page 7).

**English III** (1 unit) a survey of American literature, focuses on analyzing and synthesizing knowledge of the language of reading, writing, literature, speaking, and listening. Students will deepen critical thinking skills by focusing on making more sophisticated connections between literary elements found within, among, and between texts. The study of literature is extended to examine the connection of historical contexts to the development of language and literature, establishing perspectives, and comparing and contrasting elements in multiple texts. In writing, the focus is on composing with complex development of style and content. In the area of research, the focus is on accessing a wide variety of information to produce well-documented research reports and projects. Prerequisite: English II.

**English III Honors or AP Language & Comp** (1 unit) students who elect this course focus their reading on discursive prose that ranges across the disciplines of the sciences as well as the arts. This course engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. This is a college prep course NOTE: Extra outside reading assignments, purchasing novels, and entering essay and poetry contests will be required. English III Honors students will be required to take CLEP College Composition Modular. AP Language & Comp students will be required to take the AP Language & Comp exam. Prerequisite: AP/Honors Eligibility Criteria (see page 7).

**English IV** (1unit) a survey of British literature, focuses on analyzing and synthesizing knowledge of the language of reading, writing, literature, speaking, and listening. Students will deepen critical thinking skills by focusing on making more sophisticated connections between literary elements found within, and among texts. The study of literature is extended to examine the connection of historical contexts to the development of language and literature, establishing perspectives, and comparing and contrasting elements in multiple texts. In writing, the focus is on composing with complex development of style and content. In the area of research, the focus is on accessing a wide variety of information to produce well-documented research reports and projects. NOTE: A research paper is required. Prerequisite: English III.

**English IV AP Literature & Comp** (1 unit) an accelerated course with concentration on British literature and grammar and composition. Students will deepen critical thinking skills by focusing on making more sophisticated connections between literary elements found within, among, and between texts. The study of literature is extended to examine the connection of historical contexts to the development of language and literature, establishing perspectives, and comparing and contrasting elements in multiple texts. In writing, the focus is on composing with complex development of style and content. In the area of research, the focus is on accessing a wide variety of information to produce well-documented research reports and projects. Summer assignments will be issued and are to be completed by the first day of school for a grade. NOTE: A summer assignment, extra outside reading assignments, purchasing novels, and entering essay and poetry contests will be required. Prerequisite: AP/Honors Eligibility Criteria (see page 7).

**English as a Second Language (ESL)** (1 unit each) designed to increase the English language proficiency of limited English students. Prerequisite: ESL students only.

**Technical Writing** (1 unit) includes the skills in verbal and written communication that students will need to be successful in the workplace. Students will know and use the terminology in their chosen field of work. They will understand, summarize, interpret, and compare information from simple and complex graphics to identify trends and to make informed decisions. They will also demonstrate proficiency in writing and presentation skills by producing different technical writing products, including formal research reports, formal presentations, and workplace writing (e.g., technical reports, manuals, explanations of how to understand or use a product or service, proposals, memoranda, cover letters). In creating those products, students will demonstrate an understanding of the context in which communication occurs, the ethical issues

involved, how to identify and address the needs of audiences, and the methods and strategies for organizing and presenting information.

## MATHEMATICS

**Advanced Math** (1 unit) designed to prepare students for college mathematics. Major emphasis will be placed on the teaching of skills needed to enter a freshman level college math course. Major topics covered include a review of geometry and trigonometry. A TI-30 calculator or graphing calculator is needed for this course. Prerequisite: Algebra I, Geometry, Algebra II (must be taken before and not at the same time); AP/Honors Eligibility Criteria (see page 7).

**Advanced Math Honors** (1 unit) includes the same topics presented in Advanced Math but in an accelerated format. A TI-30 calculator or graphing calculator is needed for this course. NOTE: Extra outside math assignments will be required. Prerequisite: Algebra I, Geometry, Algebra II (must be taken before and not at the same time); AP/Honors Eligibility Criteria (see page 7).

**Algebra I** (1 unit) focuses on solving equations of any degree using variables and a systematic procedure. Mastery of the basics, such as fractions, decimals and integers is required. Inequalities, relations, functions, and polynomials are just a few other topics covered. Prerequisite: Proficiency in math

**Algebra I Honors** (1 unit) the content is that of Algebra I but with more depth and additional topics covered in less time. NOTE: Extra outside math assignments will be required. Prerequisite: AP/Honors Eligibility Criteria (see page 7).

**Algebra II** (1 unit) a college preparatory course which provides a review of the basic terminology, notation, concepts, skills, and applications of elementary algebra learned in Algebra I. It helps the student also to learn and understand algebra as a study of systems of real and complex numbers and to recognize and acquire facility in techniques of algebra and related skills. A most important element of this course is the study of the function concept and its importance in the structure of mathematics. Algebra II is perhaps one of the most rigorous mathematics courses in the curriculum because of its importance in the future study of mathematics. Prerequisite: Algebra I and Geometry.

**Algebra II Honors** (1 unit) is an accelerated course which presents the material in a more in-depth nature than Algebra II. NOTE: Extra outside math assignments and the CLEP College Algebra exam will be required. Prerequisite: Algebra I and Geometry; AP/Honors Eligibility Criteria (see page 7).

**Business Math** (1 unit) a one-semester course, concentrated and intensive study of mathematics as it applies to business management. After students have completed this course, they will be able to apply mathematical concepts in various business applications. This course may be used to meet the mathematics requirements for graduation on the Jump Start TOPS Tech Diploma Pathway.

**Financial Literacy** (1 unit) 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. Emphasis is placed on various mathematical processes which include manual or electronic calculations of payroll, income tax preparations, interest computation, consumer information, managing income, and buying insurance, selling and buying, making sound credit and investment decisions and other items that may be related to personal and business transactions. Prerequisites: Junior or Senior status.

**Geometry** (1 unit) will help the student to develop exact reasoning skills by proving fundamental facts that are needed in everyday life and in further courses in mathematics and science. Prerequisite: Algebra I.

**Geometry Honors** (1 unit) an accelerated course which presents the material in a more in-depth nature than Geometry. NOTE: Extra outside math assignments will be required. Prerequisite: Algebra I; AP/Honors Eligibility Criteria (see page 7).

**Math Essentials** (1 unit) course content addressed is ratio and proportion, probability, statistics, geometry, (particularly three-dimensional), various functions from Algebra II and a few topics from discrete math. All topics are taught using real-world applications. Prerequisite: Non-proficiency in math for Pre-Algebra Math Essentials, or Algebra I for Post-Algebra Math Essentials.

## SCIENCE

**Biology I** (1 unit) a general study of life sciences that guides the student into an understanding of his role in a complex world of organisms. Topics covered include characteristics of living things; the scientific method; functions of cells, tissues, and organs; classification of living things; human organ systems; reproduction; ecological relationships; and others. This course is required for graduation. NOTE: Lab Fee and/or fee for supplemental materials and supplies may be required.

**Biology I Honors** (1 unit) attempts to relate biological science with human concerns. This course is more investigative and more imaginative, and less dependent upon the acquisition of descriptive facts than conventional Biology. An understanding of biological themes and concepts is acquired through scientific inquiry. All topics described in course description of Biology will be covered in this course. Students should possess strong critical thinking skills, writing skills, and reading comprehension skills. NOTE: Extra outside assignments in addition to classwork will be required. Prerequisite: Lab fee and/or fee for supplemental materials and supplies may be required. AP/Honors Eligibility Criteria (see page 7).

**Biology II** (1 unit) a specialized course designed for the student who has an adequate back-ground in chemistry and general biology. The course reinforces basic biological concepts of cell biology, biochemistry, genetics, reproduction and development, and evolution. Following the initial phase, the course covers in depth the study of human physiology, metabolism, and the body systems. Students with an interest in medical fields are encouraged to enroll. This is a course that will benefit the individual in understanding his or her own body. While not an honors class, students are advised that this is a college- preparatory course. NOTE: Extra outside assignments in addition to classwork will be required. Lab fee and/or fee for supplemental materials and supplies may be required. Prerequisite: Senior status; It is recommended students have an A or B average in Biology Pre-AP.

**Chemistry I** (1 unit) develops a greater understanding of the physical world. Emphasis is placed on taking good measurements, formula writing, chemical equations, the atomic theory, the mole concept, and chemical bonding. Lab experiences and demonstrations will be used to reinforce concepts discussed in class. Basic algebraic skills are necessary for this course. NOTES: (1) Lab fee and/or a fee for supplemental materials and supplies may be required. (2) It is recommended that students have a "C"

average or better in Algebra I, Geometry, and Physical Science. Prerequisite: Student must have completed Algebra II or be enrolled in Algebra II concurrently.

**Environmental Science** (1 unit) designed to use basic scientific principles to study the processes of the environment from a broad perspective; to examine changes within the environment from a broad perspective; to identify both natural and manmade activities that contribute to changes in the environment; and to isolate the political, legal, economic, and social aspects of the environment. Although this course is highly recommended as a third science for students who may have difficulty in math, it is also an appropriate elective for college-bound juniors and seniors who plan to enter any biological area.

**Physical Science** (1 unit) involves the investigation of forces, motion, work and energy, the structure and properties of matter, chemical reactions in a laboratory setting, and the interrelationship of matter and energy in the physical world. An exploration of the nature and history of science related careers is also included in the course. This course is the basis for further study of physics, chemistry, and other related sciences. NOTE: Lab fee and/or a fee for supplemental materials and supplies may be required.

**Physical Science Honors** (1 unit) designed to give students a background and basic understanding of the principles and concepts of Chemistry and Physics with emphasis on problem solving and lab experimentation. This course is needed to adequately prepare students for Chemistry I Honors and Physics Honors. Completion of a science fair project will be required. NOTE: Lab fee and/or a fee for supplemental materials and supplies may be required. Extra outside assignments in addition to classwork will be required. Prerequisite: AP/Honors Eligibility Criteria (see page 7).

## SOCIAL STUDIES

**American History AP** (1 unit) this course is designed to provide student with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials – their relevance to a given interpretive problem, reliability, and importance – and to weigh the evidence and interpretations presented in historical scholarship. An AP U.S. History

course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. With a score of 3 or better on the course exam allows students to obtain college credit. Students are eligible for an Academic Endorsement with completion of this course. This is a college preparatory course. Extra outside assignments in addition to classwork will be required. Prerequisite: AP/Honors Eligibility Criteria (see page 7).

**Government** (1 unit) formerly called Civics; focuses on the American system of participatory government and provides students with an in-depth study of the principles on which the U.S. system of government was founded, the structure of the U.S. government and how it functions, the domestic and international roles of the U.S. government, and how the U.S. government compares to other forms of government. Students are also expected to analyze and evaluate U.S. domestic and foreign policies, various laws and amendments, and the importance of participating in the American constitutional democracy.

**US Government AP** (1 unit) this course will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government a politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. Summer assignments will be issued and must be completed for the first day school for a grade. This is a college prep course. Extra outside assignments in addition to classwork will be required. Prerequisite: AP/Honors Eligibility Criteria (see page 7).

**US History** (1 unit) begins with a focus on late nineteenth century industrialization and urbanization of America and concludes with a focus on contemporary issues and challenges in the United States. The foundational historical thinking skills learned in earlier grades are still applied but with an increased emphasis on analysis and evaluation in addressing major historical topics in modern U. S. History. Students are also expected to apply their knowledge and skills in Economics, Civics, and Geography in the study of U. S. History. Prerequisite: Junior status.

**Western Civilization** (1 unit) is a college prep course that covers the history of western civilization from the year 1648 to the present. Content covers European history from the mid-seventeenth century through the post-World War II including political, economic, and cultural developments such as Scientific Thought, the Enlightenment, the French and Industrial Revolutions, and the First and Second World Wars.

**World Geography** (1 unit) provides students the opportunity to study geographic ideas and concepts. Students are expected to use geographic perspective and spatial tools to study physical and human systems, places and regions, and human and environment interaction. Students also study geographic regions and issues in the world in past and present economic, historical, and political settings.

**World Geography Honors** (1 unit) this course is designed for those students who have mastered the basic principles and facts in geography. Emphasis will be placed on analyzing the characteristics, distribution, and interrelationships of world cultures. This accelerated course will include the use of technology to complete required research projects. Extra outside assignments in addition to classwork will be required. Prerequisite: AP/Honors Eligibility Criteria (see page 7).

**World History** (1 unit) begins with a focus on the period of exploration and expansion and concludes with contemporary world trends and issues. Historical thinking skills are applied with an emphasis on analysis and evaluation in addressing major historical topics in the modern world. Emphasis will be placed on those events and personalities which have strongly influenced the world's situation as it appears today. Prerequisite: Junior or Senior status.

**World History AP** (1 unit) develops students' capacity and ability to think and reason in a deeper, more systematic way, better preparing them for subsequent college courses. The skills, course themes, periodization, and key concepts within the framework will build knowledge through each topic. This is an accelerated course. Summer assignments will be issued and must be completed by the first day of school for a grade. Extra outside assignments in addition to classwork will be required. Prerequisite: Junior or Senior status. AP/Honors Eligibility Criteria (see page 7).

## HEALTH AND PHYSICAL EDUCATION

**Adapted Physical Education** (1 unit) designed to meet the needs of those students whose physical activities are limited. Adapted Physical Education will satisfy the Health & PE graduation requirement. Placement is based on School Building Level Committee testing and reports.

**Comprehensive Health** (1/2 unit) a planned, sequential curriculum that addresses the physical, mental, emotional and social dimensions of health. The curriculum is designed to motivate and assist students to maintain and improve their health, prevent disease, and reduce health-related risk behaviors. Students can earn a credential in CPR. Prerequisite: None.

**Athletic PE/Conditioning PE III and IV** (1 unit each) these courses are for those students who have met the PE graduation requirement and who are participating in a team sport. Placement into Athletic PE III and IV is at the discretion of the team coach. NOTE: All student athletes must carry a full class schedule during the entire semester in which you participate in your sport. Prerequisite: Have been a member of the sport the previous school year.

**PE I** (1 unit) PE I emphasizes physical fitness, coordination, conditioning, and individual and team sports competition with an aim toward improvement in individual skills and techniques in each activity. Prerequisite: None.

**PE II** (1/2 or 1 unit) a continuation of the skills taught in PE I, that is, physical fitness, coordination, conditioning, and individual and team sports competition. Prerequisite: PE I.

**PE III** (1/2 or 1 unit) geared toward leisure time activities with emphasis on individual and team sports. Prerequisite: Completion of PE graduation requirement. PE II.

**PE IV** (1/2 or 1 unit]. (PE I, II, III). geared toward leisure time activities with emphasis on individual and team sports. Prerequisite: PE III; Completion of PE graduation requirement. NOTE: A student may earn four PE units toward graduation requirements.

### **J.R.O.T. C.**

Leadership Education and Training (JROTC) (1 unit each)  
(Grades 9, 10, 11, 12) this course may be substituted for H & PE requirements for graduation.

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

- A. Minimum ninth grade
- B. Citizen of the U.S. or approval of his/her government
- C. Physically able to participate in Physical Education
- D. Project a presentable appearance
- E. Incoming new cadets should attend Summer Seminar
- F. NO military obligation

### **Leadership Education (1 unit) JROTC I, JROTC II, JROTC III, JROTC IV, JROTC V**

- Leadership Education includes Leadership Theory, Foundations for Success (Life skills), Wellness, First Aid, and Substance Abuse, Geography (map reading) and Earth Science, Citizenship and American History.
- Leadership Training includes Leadership Application (drill and ceremony), Physical Education, Command and Staff Procedures, Safety and Marksmanship.

Extracurricular activities include: Drill Team, Color Guard, Rifle Teams, Summer Camps, Cadet Challenge Teams, Quiz Bowl Teams, and Military Ball.

Service Learning Projects and Community Service are emphasized.

## ELECTIVE COURSES

### Arts

#### Acting

**Acting I** (1 unit) this course is designed for students interested in the performing arts, as either participants or spectators. Topics covered will be an introduction to theatre, building acting skills, appreciating plays, and special topics in theatre. The course will be activity driven. Since the culminating activity will be a live performance, some after school rehearsals may be required. Prerequisite: Sophomore, Junior, or Senior status.

## Art

**Art I** (1 unit) students explore visual arts elements, principles of design, and arts benchmarks through a variety of media. They develop critical thinking, productivity, and interact effectively with others through the production of art. The purpose is to develop aesthetic perception in order to extend communication through visual art works. This prepares students to make effective decision in work and leisure. NOTE: Lab fee and/or purchase of supplies will be required. Prerequisite: None.

**Art II** (1unit) students extend and refine the use of visual arts elements, principles of design, and arts benchmarks through a variety of media. They develop accountability, collaboration, and cross-cultural skills. The purpose is to develop communication through visual art works. Students refine aesthetic perception to guide further studies. NOTE: Lab Fee and/or purchase of supplies will be required. Prerequisite: Art I.

**Art III** (1 unit) students complete their AP portfolios as an independent art study. They exercise creativity, initiative, and responsibility, with completion of the portfolio to be submitted for review. NOTE: Lab Fee and/or purchase of supplies will be required. Prerequisite: Art II.

## Band

**Colorguard** (1 unit) this course is for all flag corps members, rifle twirlers, majorettes, dance team, and any other auxiliary member of the band. This course prepares students for public appearances and teaches basics of advanced color guard technique. This course requires rehearsal after school and includes performances in various community activities. NOTE: Band Fees are required. Parents should contact Band Directors for more information. Prerequisite: Audition for section placement.

**Advanced Band** (1 unit) Symphonic band - students participate in marching ensemble incorporating a variety of marching music. This course includes performances at football games, marching festivals, community events, and recruiting events when necessary in the fall. Students will participate in a concert ensemble during the second half of the year where they will study a variety of concert and solo literature. Music theory and pedagogy will be integrated throughout the semester. Prerequisite: Previous band experience; Band/ Marching-Fall.

**Wind Ensemble** (1 unit) Concert band - students participate in marching woodwind ensemble incorporating a variety of marching music. This course includes performances at football games, marching festivals, community events, and recruiting events when necessary in the fall. Students will participate in a concert ensemble during the second half of the year where they will study a variety of concert and solo literature. Music theory and pedagogy will be integrated throughout the semester. Prerequisite: Previous band experience; Band/ Marching-Fall.

**Applied Music Technology** ([1 unit) students participate in a performing ensemble composed of instruments not found in the normal classroom band setting. Possible instruments included in this class are acoustic (not electric) guitar, violin, viola, cello, double bass, piano, recorder, accordion, or any ethnic or world percussion. Emphasis will be on stringed and percussion instruments. Music theory and pedagogy (scales, key signatures, rhythms, etc.) will be incorporated into the curriculum. Students will be asked to compose original music along with performance of the standard literature. These compositions will be recorded and performed using various technologies available to the student. Students will be instructed on the use of a variety of software that will allow them to produce professional quality recordings through participation in the class. Prerequisite: By selection.

**Guitar Theory I** (1 unit) this course is designed to introduce the student to the basic study of the guitar. This includes the tuning of the guitar, chord study, basic strumming patterns, picking styles, reading music notation and tablature and understanding basic music theory. A classroom text book will be provided to the student; however, the student must provide his or her own guitar. NOTE: Students with more than one year of experience should consider auditioning for the Alternative Ensemble class rather than scheduling this class. Prerequisite: None.

## Choir

**Advanced Choir** (1 unit) a performing arts course that focuses on the development of advanced choral/musical skills and knowledge. Students are expected to fulfill all participation requirements of the CLHS Choir which include but are not limited to the following: after-school rehearsals, positive daily participation and auditions, concerts, contests and special performances that may occur outside regular school hours.

Students must sign and adhere to the choral program contract. A vocal assessment will be conducted for student placement within the class. **An audition is required and open to grades 9-12.**

**Intermediate Choir** (1 unit) a performing arts course that builds on fundamental choral/musical skills and knowledge. Students are expected to fulfill all participation requirements of the CLHS Choir which include but are not limited to the following: after-school rehearsals, positive daily participation and auditions, concerts, contests and special performances that may occur outside regular school hours. Students must sign and adhere to the choral program contract. A vocal assessment will be conducted for student placement within the class. **An audition is required and open to students in grades 9-12.**

**Beginning Choir** (1 unit) a performing arts course that focuses on the development of fundamental skills and knowledge needed to facilitate the growth of the emerging choral musician. Students are expected to fulfill all participation requirements of the CLHS Choir which include but are not limited to the following: after-school rehearsals, positive daily participation and auditions, concerts, contests and special performances that may occur outside regular school hours. Students must sign and adhere to the choral program contract. A vocal assessment will be conducted for student placement within the class.

## Fine Arts Survey

**Fine Arts Survey** (1 unit) students explore the interrelationship of four arts as applied in contemporary society and their daily lives. They examine aesthetics, historical perspective, and critical analysis in order to develop a familiarity and respect for cultural differences. They develop personal preferences by analyzing great works of art relative to the content and uses of artistic elements. Students prepare for further artistic study in or after high school. Prerequisite: Junior or Senior status.

## FOREIGN LANGUAGES

**French I** (1 unit) is a college preparatory course designed to develop the basic skills of listening, speaking, reading, writing, translating, and to increase cultural

awareness. Because success in the study of a foreign language is dependent on mastery of grammatical concepts of the English language, it is recommended that a student have no grade lower than a "C" in English I. Prerequisite: Junior or Senior status.

**French II** (1 unit) an intermediate course with emphasis on more intense oral expression, reading, and writing with special concentration on comprehension. French II is a college preparatory course. Prerequisite: Grade of "C" or better in French I and in previous English courses is recommended.

**Spanish I** (1 unit) a college preparatory course designed to develop the basic skills of listening, speaking, reading, writing, translating, and to increase cultural awareness of the Hispanic world. Because success in study of a foreign language is dependent on mastery of grammatical concepts of the English language, a student should have no grade lower than a "C" in English I. Prerequisite: Junior or Senior status.

**Spanish II** (1 unit) intermediate college preparatory course with emphasis on more intense oral expression, reading, and writing with special concentration on comprehension. Prerequisite: Grade of "C" or better in Spanish I and in previous English courses is recommended.

## JUMPSTART ELECTIVES

**Advanced Nutrition and Food** (1/2 unit) this course addresses more complex concepts in nutrition and food preparation, with emphasis on social, psychological, and cultural influences on food choices globally. Topics include nutrition and wellness for individuals and families across the life span; impact of technology on nutrition, foods, and related tools and equipment; management of food-related resources; acquiring, organizing, and evaluating information about foods and nutrition; and exploration of careers in all aspects of the food industry. NOTE: Lab fee and/or a fee for supplemental materials and supplies may be required. Prerequisite: Nutrition and Foods; sophomore, junior or senior status.

**Agriscience I** (1 unit) provides students with basic knowledge of agriculture and science applications in agriculture. This course includes units in animal science, soil science, plant science, agricultural mechanics, food science technology, and agricultural leadership. Prerequisite: None.

**Agriscience II** (1 unit) provides students with knowledge of agriculture and science applications in agriculture. This course includes units in animal science, soil science, plant science, agricultural mechanics and agriculture leadership. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Prerequisite: Agriscience I.

**Agriscience III** (1 unit) this course is an advanced study in Agriscience based upon the local agricultural workforce and economic needs of the community. The major areas of study may include personal development skills, animal systems, plant systems, environmental issues, and mechanical skills. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Prerequisite: Agriscience II and NCCER Tech Core.

**Agriscience Leadership** (1 unit) this course is an advanced study in Agriscience based upon the local agricultural workforce and economic needs of the community. Mathematics, science, English, biology, and human relation skills will be reinforced in the course. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Prerequisite: Agriscience III.

**Business Computer Applications** (1 unit) this course is designed to acquaint students with the advanced principals 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 half of the course. Communication skills, keyboarding, decision-making, technology and critical thinking skills are reinforced in this course through business application projects. Students can earn Certification in the Microsoft Office Suite if the student scores at a proficient or expert level according to Microsoft standards. Prerequisite: Introduction to Business Computer Applications. A grade of "C" or better is required.

**Customer Service** (1/2 or 1 unit) this course is intended to help students progress from learning about them, to learning how to relate to their internal customers as well as the external customer in the work place. The course objectives include effective communication skills, use of interpersonal skills to guide others and work cooperatively, integrate customer skills at home, school and the community, and reflect and evaluate their own abilities and adjust strategies needed to become more customer service oriented. Prerequisite: None

**Emergency Medical Responder** (1 unit) students will learn to perform basic life saving techniques and prepare for certification as a First Responder, the first level of Emergency Medical Service Certification. Classroom instruction, training simulations, and a “ride-along” time in a working ambulance will teach vital signs, Body Substance Isolation, moving patients, CPR, Automated External Defibrillation, control of bleeding, splinting, and more. Students successfully completing the course will be allowed to take the First Responder Certification Exam. This course is strongly recommended for students interested in a medical career.

**Food Services I/ Family and Consumer Science I** (1 unit) this course examines multiple life roles and responsibilities of individuals and family members. The focus is on the areas of personal and family living, wellness, nutrition and foods, financial management, living environments, appropriate child development practices, and transferring school skills to life and work. Through simulated experiences, students learn to fulfill their responsibilities associated with the work of the family and community. Skills in mathematics, communication, science, technology, and personal and interpersonal relationships are reinforced in this course. FCCLA leadership activities provide the opportunity to apply instruction competencies and work- place skills to authentic experiences. Laboratory experiences are a required part of the course. NOTES: (1) Lab fee may be required. (2) Students must also provide their own supplies for clothing. Prerequisite: None.

**Food Services II/ Family and Consumer Science II** (1 unit) this course enhances the foundational skills introduced in FACS I. Additional learning focus and practical application activities are implemented in the areas of personal and family living, wellness, nutrition and food financial management, living environments, appropriate child development practices, clothing and textiles, and building employability skills to enhance life and work. Students continue to apply skills helping them to fulfill their responsibilities with the work of the family and the community through simulated experiences. Emphasis is on applying knowledge to real life situations. Skills in

mathematics, communication, science, technology, and personal and interpersonal relationships are reinforced in this course. FFCLA leadership activities are offered to provide the opportunity to apply instructional competencies and workplace readiness skills to authentic experiences. Laboratory experiences are required. NOTES: (1) Lab fee may be required. (2) Students must also provide their own supplies for clothing. Prerequisite: FACS I.

**Introduction to Business Computer Applications** (1 unit) this course is designed to provide students with advanced computer application skills. Students will be introduced to online software used to create and revise advanced business documents. Emphasis is placed on advanced computer concepts, both hardware and software, Microsoft Power Point 2016, Word 2016, and Excel 2016 applications. Prerequisite: Keyboarding.

**Journeys to Careers** (1 unit) in this course students will explore and understand the framework of the Louisiana Career Education Model. In addition, students will use and develop components of their Individual Graduation Plan as well as participate in career exploration activities. Prerequisite: None.

**Keyboarding** (1 unit) this course is an introduction to basic keyboarding terminology and touch-typing. Emphasis is placed on speed, accuracy, and correct techniques. The course objectives are to demonstrate a working knowledge of course terminology, master alphabetic, numeric, and symbol key reaches using the touch system, and type at a rate of 25 words per minute with 3 or fewer errors, and produce simple business documents by the touch method of operating a computer keyboard. Prerequisite: None

**NCCER Tech Core** (1 unit) - The NCCER, National Center for Construction Education and Research, Core curriculum consist of modules needed for construction: basic safety, construction math, introduction to hand and power tools, reading blueprints, basic communication skills, and basic employability skills. Students must pass a performance and/or written test at the end of each module. Students will receive a NCCER Core Card at the end of the year considering a 70% passing rate on each module. This course is required for all students prior to taking Auto Tech I, Welding 1, and Power Mechanics. This course must be taken concurrently or prior to taking courses at the Career Magnet Center. Prerequisite: None.

**Nutrition and Food** (1/2 unit) this course provides students with basic nutrition and wellness knowledge and basic food preparation skills. Emphasis is placed on food preparation, kitchen and meal management, and the relationship of diet to health. Topics of study include nutrition, meal planning, food labeling, safety and sanitation, kitchen equipment, measuring, use of recipes, basic food preparation and consumer skills. Science, math, economics and communication skills are reinforced in this course. Students will also learn basic cooking skills. Note: Lab fee may be required. Prerequisite: sophomore, junior or senior status.

**Outdoor Power Equipment I** (1 unit) this course offers training in several types of machine power sources; small engines, farm machines, marine engines, and auto-mechanics. Prerequisite: NCCER Tech Core, Ag I and II.

**Principles of Business** (1 unit) this course is an introductory course online that provides students with basic business skills that can be applied in both personal and professional situations. Emphasis is placed on the exploration and description of basic business concepts and applications. Through business application projects, critical-thinking and communication both oral and written are reinforced in this course. Prerequisite: None

**Speech** (1 unit) this course is designed to introduce students to verbal and non-verbal communication. Areas of study will include: study of the voice and body as tools of communication, introduction to public speaking, oral interpretation, and interpersonal communication. Students will be required to research topics, write and present speeches. Weekly presentations of varying sorts will be required. Prerequisite: None

## PUBLICATIONS

**Publication Yearbook I** (1 unit) this course introduces the student to the fundamentals of journalistic procedures as they apply to yearbook production. Included are writing, editing, designs, graphics, typography, advertising, finance, public relations, ethics, and legal knowledge. Students scheduling this class should possess the following qualities: cooperation, imagination, dedication, responsibility, and good writing skills. After-school work is required in the production of the

yearbook; therefore, students are required to have their own method of transportation to and from school activities. NOTE: Students will be required to solicit advertisements from area businesses. Prerequisite: Junior or senior status; by application only.

**Publication Yearbook II** (1 unit) this course furthers the student's knowledge of journalistic procedures as they apply to yearbook production. Included are writing, editing, designs, graphics, typography, advertising, finance, public relations, ethics, and legal knowledge. Students scheduling this class should possess the following qualities: cooperation, imagination, dedication, responsibility, and good writing skills. After-school work is required in the production of the yearbook; therefore, students are required to have their own method of transportation to and from school activities. NOTE: Students will be required to solicit advertisements from area businesses. Prerequisite: Publication Yearbook Senior status; by application only.

## STUDENT IMPROVEMENT COURSES

**Prep English** (1 unit) READ 180 is an intensive reading intervention program designed to improve reading skills and raise test scores of students who read below grade level. Students who should enroll in this class include students with reading deficits and students who were non-proficient in 8<sup>th</sup> grade English.

**Prep Math** (1 unit) this course is a math intervention course that focuses on math skills needed to be successful in high school. Test-taking skills, study techniques and remediation in the math content area are stressed. Students who should enroll in this class include students with reading deficits and students who were non-proficient in 8<sup>th</sup> grade Math.

## STUDY SKILLS

**Study Skills I, II, III, IV** (1 unit each) provide students with learning skills specific to learning style, time management, organizational strategies, note-taking and test-taking strategies, decision-making skills, and self-advocacy skills. Study Skills classes also help students prepare for the EOC exams. Prerequisite: Student identified as exceptional according to Bulletin 1508.

## COMMUNITY- BASED CURRICULUM

**Community-Based Life Skills** - students enjoy an integrated community-based program. Participation in all regular school activities assists students in social integration and helps them increase their employment training skills.

## EDGENUITY (E2020) COURSES

**Virtual Class** (units vary) E2020 is an online opportunity for students to gain Carnegie units for courses. This program is used both during the school day and after school. If a student's schedule allows, a virtual lab can be scheduled during the school day to allow student to recover credits or to move ahead in their courses. If a student's schedule does not allow for a class during the school day, courses can be completed after school. Students work their own pace. The program grades student work as soon as the student completes an assignment and or test. The grading scale on e2020 course is the same as the grading scale used in the classroom.

## COURSE DESCRIPTIONS

### LAFOURCHE PARISH CAREER MAGNET SCHOOL

Note: Some courses offered at the Career Magnet Center are also offered at Central Lafourche High School. However, there are a number of courses that are only offered at the Career Magnet Center. Those courses only offered at the Career Magnet Center are identified by the symbol .

#### ENGLISH

**Business English** (1 unit) Semester course; Dual Enrolled with SCLTC.

**English III** (1 unit)

**English III AP Language & Comp** (1 unit)

**English IV** (1 unit)

**English IV AP Literature & Comp** (1 unit)

**Technical Writing** (1 unit)

#### MATH

**Advanced Math Pre AP** (1 unit)



**Algebra III: DE/Pre-Calculus** (1 unit) dual enrolled with Math 101/102 at Nicholls State University, each semester course is worth 3 credit hours for a total of 6 credit hours for the year. Prerequisite: ACT subscores of 21 in Math and 18 in English, and an ACT Composite of 18.

**Business Math (1 unit)** Semester course; Dual Enrolled with SCLTC.



**Calculus AP** (1 unit) Explore the key concepts, methods, and applications of single-variable calculus including functions, graphs, and limits, derivatives, integrals, and the Fundamental Theorem of Calculus. Become familiar with concepts, results, and problems expressed in multiple ways including graphically, numerically, analytically,

and verbally. Use technology to help solve problems, experiment, interpret results, and support your conclusions. Earn a score of 3 or higher on the College Board© AP Calculus AB Exam, offered in May, to receive college credit at the university of your choice. Pass the course and earn an extra quality point for your GPA! For more information, go to: <https://apstudent.collegeboard.org/apcourse/ap-calculus-ab>



**Calculus: DE (MATH 165)** (1 unit) Dual enrolled course with Nicholls State University to earn 3 college credit hours. Prerequisite: Algebra III:DE/Pre-Calculus (MATH 101/102).

**Financial Literacy** (1 unit)

## SCIENCE



**Chemistry I: DE** (1 unit) this is an accelerated class which present material in a more in-depth nature and at a faster pace than Chemistry I. It is a much more comprehensive study of the same topics covered in Chemistry I, allowing for a wider range of problem solving opportunities to better prepare students for success at the college level. Basic algebraic skills are essential for this course. Students can earn dual enrollment credit for CHEM 105 (3 credit hours) at Nicholls State University. Prerequisite: ACT subscores of 21 in Math and 18 in English.



**Chemistry II: DE** (1 unit) specifically designed for the student who will need one or more chemistry classes at the college level. It offers a second year of chemistry that allows coverage of additional topics such as gases, acids and bases, solutions, molecular geometry, and organic chemistry that could not be covered in Chemistry I. Completion of both Chemistry I and Chemistry II is recommended to provide the most adequate preparation for college chemistry. NOTE: Lab fee and/or a fee for supplemental materials and supplies may be required. Dual enrolled with CHEM 106 (3 credit hours) at Nicholls State University. Prerequisite: Completion of Chemistry I DE (CHEM 105) with a grade of "C" or better; Completion of Algebra II and completion of or concurrent enrollment in Advanced Math/Trig.



**Chemistry II Lab Practicum** (1 unit) this course is designed to provide necessary hands-on experience that a traditional lecture class does not offer. Proper techniques in reading various instruments and making standard solutions will be introduced and

practiced on a daily basis. A basic knowledge of statistics will be taught and used in several labs. Technology will be used to collect data in laboratory experiments. Basic skills will be taught in utilizing the graphing calculator to manipulate and analyze data collected from experiments. A basic knowledge of the graphing calculator is required for many courses at the college level. Technology will also be used in analyzing bayou water (Bayou Lafourche) to determine water quality. A lab notebook will be kept to verify the completion of each lab. Labs are required at Nicholls State University will be taught and completed in this class. These labs will not have to be repeated at Nicholls since they were completed in this class. NOTE: Lab fee and workbook fee required. Prerequisite: Chemistry II Honors; Seniors only.



**Physics AP** (1 unit) Develop scientific critical thinking and reasoning skills through inquiry based learning. Explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Earn a score of 3 or higher on the College Board© AP Physics 1 Exam, offered in May, to receive college credit at the university of your choice. Pass the course and earn an extra quality point for your GPA! For more information, go to: <https://apstudent.collegeboard.org/apcourse/ap-physics-1>.

## INDUSTRY AND TRADE



**Allied Health Science** (1 unit) explore the health careers, a day in the life of a health professional, medical terminology, and hands-on activities. Job shadowing in health care facilities will be incorporated into this course. This course is encouraged for juniors who are interested in the medical field.



**Allied Health Services** (1 unit) a Fall semester course paired with Medical Terminology in which students will learn anatomy, physiology, and diseases of the human body. This course will be a dual enrolled course with South Central Technical College for 3 credit hours for 1120: GENERAL BODY STRUCTURE.



**Automotive Technology I** (3 units) provides classroom instruction and practical shop experience. There are eight levels of certification covered in this course, which is dual enrolled with SCLTC. Three areas of the automobile will be taught: brakes, steering and suspension, and heating and air conditioning. After completion of written assessments

and hands-on tasks, candidates are eligible to take the online student-based ASE (Automobile Service Excellence) certification test; which is good for two years. Prerequisite: Junior or Senior status, should be at High School level in Mathematics and Reading Comprehension. NOTE: Partial credit will not be awarded. There are no costs or fees for this program.



**Automotive Technology II** (3 units) a continuation of Auto technology I, students will work independently on Engine Repair and one other area of certification. After each module is completed, candidates will be held accountable with written assessments and hands-on tasks, and will take an online certification test. Prerequisite: Automotive Technology I.



**NCCER Carpentry I** (3 units) Fall Semester Only; paired with Carpentry II. Carpenters are one of the fastest growing occupations in Louisiana. By April 2017, 326,193 carpentry jobs will need to be filled in Louisiana. An additional 110,624 workers will be needed as roofers. The National Center for Construction Education and Research (NCCER) curriculum will be used to teach the course. Both levels of carpentry are dual enrolled with Louisiana Technical College Systems. Level I will include the following topics: Hand and Power Tools, Construction Drawings, Floor and Wall Systems, Ceiling Joist and Roof Framing, Stair Layout, and Intro to Building Envelope Systems.



**NCCER Carpentry II** (3 units) Spring Semester Only; paired with Carpentry I. The National Center for Construction Education and Research (NCCER) curriculum will be used to teach the course. Both levels of carpentry are dual enrolled with Louisiana Technical College Systems. Level II will include the following topics: Commercial Construction, Cold-Formed Steel Framing, Exterior Finishing: Residential, Thermal and Moisture Protection, Drywall Finishing, Installation of Doors, Suspended Ceilings, Window, Door, Floor, and Ceiling Trim, and Cabinet Installation. Prerequisite: NCCER Carpentry I



**Certified Nursing Assistant** (3 units) this program includes an introduction to health care, basic nursing skills, body structure and functions, and infection control. Certified Nursing Assistant is obtained by completing the course and clinical activities under the instructor's supervision. The student must pass a written and practical exam to obtain the certificate. Students may work as a CNA while in a college. By taking the CNA course at the high school, a student can save at least \$760.00 in tuition and fees.

Prerequisites: Background check, Senior or 18 years of age, and Biology I **OR** Allied Health Services/Medical Terminology **OR** EMR.



**Cosmetology I** (1 unit) A career in cosmetology can open many doors for graduates by providing training and skills necessary to pursue careers in the movie industry as a make-up artist, cosmetic retail associate, cosmetologist or hairstylist. Students will be introduced to the basics of cosmetology following the curriculum from Louisiana State Board of Cosmetology. Cosmetology students should perform average to above average in science courses. Students may earn dual enrollment credit hours with Blue Cliff College. Level I topics include: Professional Image, Communication, Infection Control, Anatomy, Principals of Chemistry, Principals of Electricity, Scientific Concepts of Hair and Scalp, Principles of Hair Design, Shampoo, Conditioning and Rinsing, and Nail Care and Manicures.



**Cosmetology II** (3 units) Students will be introduced to the basics of cosmetology following the curriculum from Louisiana State Board of Cosmetology. This two year curriculum includes hands-on practical and technical procedures. Cosmetology students should perform average to above average in science courses. Students may earn dual enrollment credit hours with Blue Cliff College. Level II topics include: Hair Design, Manicuring, Fundamentals of Haircutting, Wet Hairstyling, Thermal Hairstyling and Styling, Braiding and Braid Extensions, Wigs, Weaves, and Hair Enhancement, Pedicuring, and Advanced Nail Techniques. Prerequisite: Cosmetology I



**NCCER Electricity I** (1 unit) the job of an electrician is a 5-star occupation which means 308,465 jobs will be available in Louisiana between now and April 2017. The National Center for Construction and Education Research (NCCER) curriculum will be followed. Students will be engaged in hands-on activities throughout the course. These courses are dual enrolled with Fletcher Community College and South Central Louisiana Technical College. Level I will include the following topics: Electrical Safety and Tools, National Electrical Codes, Electrical Theory, Test Equipment, Construction Drawings, and Residential Electrical Services. Prerequisite: NCCER Core.



**NCCER Electricity II** (1 unit) The National Center for Construction and Education Research (NCCER) curriculum will be followed. Students will be engaged in hands-on activities throughout the course. These courses are dual enrolled with Fletcher Community College and South Central Louisiana Technical College. Level II will

include the following topics: Motors, Pull and Junction Boxes, Circuit Breakers and Fuses, Conductors, and Control Systems. Prerequisite: NCCER Electricity I



**Emergency Medical Technician Basic** (3 units) The student will learn the fundamentals of the emergency medical service system, safety, well-being of the technician, medical issues, legal issues, and ethical issues of the emergency medical care system. All instruction will meet the 1994 DOT curriculum standards. Students must be 18 to participate in the 24-hour clinical experience with a State Bureau of Emergency Medical Services (BEMS) approved ambulance service, but are ABLE to enroll in the class at 17. Students must pass a written and practical registry exam for Louisiana and national certifications. By taking this course as a senior in high school, the approximate cost savings is \$2500.00. Prerequisites: Senior with 2.0 GPA, EMR Certification, and earned a C or better in Biology I, Junior Level English, Algebra I, and Medical Terminology.



**Engineering & Robotics I** (1 unit) designed to use robotics to teach engineering fundamentals. Candidates learn the engineering design process and how a project goes from a concept to a working design. Students use Intelitek REC Course materials online to learn the concepts and skills. Teamwork is essential to the program, and teams use EasyC programming software and Vex parts to build and program functional robots capable of carrying out programmed tasks.



**Engineering & Robotics II** (1 unit) takes candidates deeper into the STEM (Science, Technology, Engineering, and Math) learning environment, learning more about the C++ programming language, engineering design, electronics, and advanced mechanics. Prerequisite: Engineering & Robotics I.



**IPT (Integrated Production Technology) Process Technician I / Oil & Gas** (2 units) is dual enrolled with Fletcher Community College's Integrated Production Technology program **and** River Parish Community College's Process Technology program. Dual enrollment credit includes- Safety and Compliance, Process Diagrams, Basic Production, and Process Safety Systems. Students entering this program should be proficient in algebra and physical science. Field trips, projects, and internships will provide students the opportunity for application of IPT course strategies.



**IPT (Integrated Production Technology) Process Technician II / T2 Safety Systems** (2 units) is dual enrolled with Fletcher Community College's Integrated Production Technology program **and** River Parish Community College's Process Technology program. Dual enrollment credit includes- Safety and Compliance, Process Diagrams, Basic Production, and Process Safety Systems. Students entering this program should be proficient in algebra and physical science. Field trips, projects, and internships will provide students the opportunity for application of IPT course strategies. Students can earn a T-2 Process Safety Certification, and a Safe Gulf Safe Land Certification.  
Prerequisite: IPT Process Technician I/IPT Oil & Gas.



**Intro to EMT - First Responder** (1 unit) students learn Medical First Response such as: CPR, treating chest pain, respiratory emergency, responding to motor vehicle collisions, treating trauma patients and altered mental status patients. Candidates earn a LA State Emergency Medical Responder Certification.



**Marine Operations I** (1 unit) entry level course providing candidates with basic history, knowledge, and rudimentary skills in seamanship, communication, and small craft safety.



**Marine Operations II** (1 unit) advanced level course focusing on maritime safety credentials and preparing candidates to obtain necessary documents, licenses, and endorsements from the United States Coast Guard for employment on inland, near-coastal, and ocean-going vessels. Coursework and offered certifications include: PEC Basic Orientation Safe Gulf Safe Land, Rules of the Road - USCG, Personal Safety/Social Responsibilities, Basic Water Survival, Basic Firefighting, Basic First Aid/CPR/AED, OSHA 10, Rigging, and ServSafe Food Protection Manager.  
Prerequisite: Marine Operations I



**Medical Terminology I** (1 unit) Semester course (Spring Only), paired with Allied Health Services; this course will study the prefixes, suffixes, and root words of the medical field. Dual enrolled with SCLTC for 3 credit hours of 1300: MEDICAL TERMINOLOGY.



**ProStart I** (1 unit) **and** **ProStart II** (3 units) For those who would like to learn how to cook creatively, prepare and display a variety of foods, and learn how to serve food in a

formal dining setting, this culinary program may be enticing. The culinary program will follow the ProStart curriculum. Students will earn industry based certificates and dual enrollment credit hours once they have completed the two-year program which consist of 400 hours of work experience and a written test. Students will participate in field trips, work-based learning, and job shadowing. Upon completion of ProStart 1 and 2, students may have the opportunity to earn dual enrollment credits at Nicholls State University in the John Folse Culinary program.



**Speech I** (1 unit) will provide students with the basic skills needed in a variety public and daily interaction within society. Students will learn the essentials parts of speech. Students at the end of the course will have developed an understanding of both delivery and proper skills in evaluating public speaking.



**STAR I** (1 unit) Dual enrolled with Nicholls State University for 3 credit hours, the STAR curriculum was designed by the Louisiana Department of Education to afford juniors and seniors an opportunity to acquire information about a career in education. Level I topics include: Self-assessment, History of education, Job shadow, Field Experience, Realistic picture of the teaching profession, Document 20 hours of field experience, Classroom experience working directly with teachers and students, writing lesson plans, identifying evaluation methods, and teaching one lesson with a STAR Teacher monitoring and evaluating the STAR student.



**STAR II** (1 unit) The STAR curriculum was designed by the Louisiana Department of Education to afford juniors and seniors an opportunity to acquire information about a career in education. Students who enroll in STAR courses may earn college credits towards their degree in education. Level II topics will include: Self-assessment, Job shadow, Field Experience, Realistic picture of the teaching profession, Document 20 hours of field experience, Classroom experience working directly with teachers and students, writing lesson plans, identifying evaluation methods, and teaching one lesson with a STAR Teacher monitoring and evaluating the STAR student. Prerequisite: STAR I



**NCCER Welding I** (1 unit) within the construction crafts, welding is in most demand in Louisiana. In the Houma-Lafourche area alone, there are over 200 openings for welders who are earning top pay. National Center for Construction and Education Research (NCCER) will provide the safety and welding curriculum which will be dual enrolled

with Louisiana Technical College System and Fletcher Community College. Topics covered in Level I include: Welding symbols, Welding safety, Oxyfuel cutting, Plasma Arc cutting, Base metal preparation, Weld quality and codes, SMAW equipment and setup, Metal arc electrodes, SMAW beads and fillet welds, and Open V-Groove welds.



**NCCER Welding II** (1 unit) (National Center for Construction and Education Research (NCCER) will provide the safety and welding curriculum which will be dual enrolled with Louisiana Technical College System and Fletcher Community College. Welding II includes: Welding drawings, Metals, Preheating and post heating metals, GMAW and FCAW - equipment, filler metals, & plates, and GTAW - equipment, filler metals, & plate. Prerequisite: NCCER Welding I

## **Statewide Pathways**

Automobile Service

Carpenter

Certified Nurse Assistant (CNA)

Electrician

Emergency Medical Tech

## **Integrated Pathways**

Health Sciences – Patient Care  
Management

## **Regional Pathways**

Business Management

Carpenter Helper

Electrician Helper

Four Stroke Engine Tech

Oil & Gas T-2 Safety Systems

ProStart/Culinary

Welder

Hospitality, Tourism, Culinary & Retail

Maritime

Micro-Enterprise / Cosmetology

Welder Helper

Workplace Safety

