

ST. MARY PARISH COURSE DESCRIPTIONS

Disclaimer: The courses listed in the course directory are courses that have been offered in St. Mary Parish. A course is only available if the student demand is great enough to justify a section.

English Courses

Business English (State Code: 120336) –1 credit

Prerequisite: Successful completion of English I and II

Required Assessment: ACT WorkKeys Assessment

This course was specifically designed for the JumpStart diploma track. For students on this track, it can take the place of English III or English IV. The primary focus of this class is to prepare students for the business world and the world beyond high school. All students will be registered in the online program *USA Test Prep*. This is an internet-based learning system. Students will enhance written and verbal communication skills that are essential to success in business organizations and industry. Students are expected to read, comprehend, interpret, and analyze literary and informational texts and to create and publish documents. All of these topics and skills will be measured by the ACT WorkKeys® job skill assessment system. Students will use this system in preparation for obtaining the National Career Readiness Certificate.

English I (State Code: 120331) –1 credit

Required Assessment: LEAP 2025

English I is the foundation for all other English courses. Students in English I read frequently and learn to become active readers by annotating their texts to raise their level of comprehension. This course focuses on reading a variety of literary and informational texts that will build the students' knowledge of universal themes, plot development, and interpretation of complex texts. These skills will aid students to analyze both fiction and non-fiction texts and gather evidence to support their analyses. Students will complete Performance Task Assessments, selection quizzes, selection tests, and Cold Read Assessments. Students will also learn to use MLA format and learn to cite their evidence.

English I Honors (State Code: 120331) –1 credit

Recommendation: At least a "B" average in 8th grade English and "Mastery" on the Leap is recommended.

Required Assessment: LEAP 2025

English I Honors courses is only for students who plan to pursue a college education. All English I requirements will be met at an advanced rate in order to challenge students with advanced abilities. In addition, students in English I Honors can expect to read some additional texts, to complete extra assignment components, and to be assigned more independent work. Students at the honors level are held to the honors program's high expectations.

English II (State Code: 120332) – 1 credit

Prerequisite: Successful completion of English I

Required Assessment: LEAP 2025

English II is one of the foundational classes that will prepare students to become college and career ready. Students should have the ability to independently read a variety of texts within the multiple genres of literature. Students will gain the ability to annotate, read, and gather evidence from a text. English II focuses on the analysis of universal social themes across multiple genres in order to develop oral and written communication about these social issues. Included skills are as follows: replace an opening sentence with a thematic statement, provide well-developed support for claims through textual evidence and analysis, integrate quotations as evidence, document sources with textual citations, replace a closing sentence with a

universal statement, use MLA style for construction of typed assignments, construct an MLA Works Cited page, increase the spectrum of vocabulary usage with academic, tone, transition, and high-frequency content specific words, and maintain grammar, mechanics, and convention skills of standard English. To achieve these objectives, the students will be engaged in various preparatory and grade level content specific activities. The assigned texts and tasks are utilized to assist students to build skills and make connections to perform the necessary required skills in the Cold Reading Assessments. These summative assessments are a combination of composition, research, and project-based skills.

English II Honors (State Code: 120332) –1 credit

Recommendation: At least a “C” average in English I Honors is recommended. In addition, student should preferably have earned a score of Mastery or Advanced on the LEAP assessment to be adequately prepared for an English III Honors course.

Required Assessment: LEAP 2025

English II Honors is intended only for students who plan to pursue a college education. All English II requirements will be met at an advanced rate to challenge students with advanced abilities. In addition, students in English II Honors can expect to read additional texts, to complete extra assignment components, and to be assigned more independent work and outside readings. Students at the honors level are held to the honors program expectations.

English III (State Code: 120333) –1 credit

Prerequisite: Successful completion of English II

English III is designed for students who plan to begin their secondary education at a four-year university. Students in English III read a variety of texts frequently and annotate those texts extensively. Since English III focuses on interpretation and analysis of American Literature, students can expect to read texts from the American literary canon as well as other contemporary literary, informational, and non-print texts. Connections will be made between and among these texts in class, through assignments, activities and discussion, as well as in Cold Read Assessments. Students in this class are expected to always use MLA format and should be prepared to further develop their citation skills. Many major assessments are composition-based, center around American Literature-based anchor texts, informational texts, and non-print texts that are discussed extensively in class and may involve independent research.

English 1001 (DE) (State Code: 120606) –1 credit-Grade 11

Prerequisite and/or Admission Policies: Established by the post-secondary institution

Designed to introduce students to the critical thinking, reading, and writing skills required in the college/university and beyond. Course will focus on writing effectively with audience, style, and grammar awareness.

English IV (State Code: 120334) –1 credit

Prerequisite: Successful completion of English III

English IV is a capstone course that is intended only for students who are serious about pursuing a college education. Students in English IV read frequently and extensively. Due to the rigor of this course, it is expected that students can read, annotate, and gather evidence from a text with limited guidance from the teacher. Since English IV focuses on interpretation and analysis of British Literature, students can expect to read texts from the British literary canon as well as other literary, informational, and non-print texts from the contemporary and wider world. Connections will be made between and among these texts in class, through assignments and activities and Cold Reading Assessments. Students in this class are expected to always use MLA format and should be prepared to further develop their citation skills. Many major assessments are composition-based and some involve independent research.

English 2001 (DE) (State Code: 120607) –1 credit-Grade 12

Prerequisite and/or Admission Policies: Established by the post-secondary institution

Designed to build upon a student's introductory composition course. Course focuses on rhetorical strategies, argumentative writing and research.

Technical Writing (State Code: 120350) - 1 credit - Grade 9

Prerequisite: Successful completion of 8th grade English

Technical Writing is designed for incoming freshman students who successfully completed 8th grade English but who scored Unsatisfactory or a low Approaching Basic on the 8th grade LEAP 2025 test. The goal of the course is for students to demonstrate proficiency in the prerequisite skills to assist them in being successful in English I. Freshman counselors will advise students who should schedule Technical Writing in the 9th grade year.

Math Courses

Advanced Math Pre-Calculus Honors (State Code: 160346) –1 credit-Grades 11-12

Prerequisite: Successful completion of Geometry Honors and Algebra II Honors, and a least a “B” average in both Geometry Honors and Algebra II Honors is highly recommended.

This course further covers topics such as exponential, logarithmic, rational, and radical functions, trigonometry, conic sections, sequences, series, and limits. This course is a prerequisite for Calculus. Additional expectations for pre-calculus honors include: a faster pace, higher level problem-solving skills (more challenging problems), more rigorous evaluations, and more homework.

Algebra I (State Code: 160321) –1 credit-Grades 9, 10

Prerequisite: A score of Basic or higher on the 8th grade LEAP exam or successful completion of Math Essentials A

Required Assessment: LEAP 2025

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle school grades. The modules deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Algebra II (State Code: 160322) –1 credit-Grades 10-12

Prerequisite: Successful completion of Algebra I and Geometry.

This course further develops topics introduced in Algebra I and includes others which serve as a foundation for basic college mathematics courses required in most fields of study. The Algebra II course is comprised of standards from the following conceptual categories: the real and complex number system, along with quadratic, polynomial, rational, and logarithmic functions.

Algebra II Honors (State Code: 160322) –1 credit-Grades 10-12

Prerequisite: Successful completion of Algebra I Honors and Geometry Honors. At least a “C” average in both courses is highly recommended.

This is an accelerated math course designed for college-bound students who plan to major in math-related fields. The Algebra II course is comprised of standards from the following conceptual categories: the real and complex number system, along with quadratic, polynomial, rational, and logarithmic functions. Additional

expectations for honors algebra II may include: a faster pace, higher level problem-solving skills (more challenging problems), more rigorous evaluations, and more homework.

Algebra III (DE) (State Code: 160500) –1 credit - College Algebra (3)

Grades 11,12

Prerequisite: LA Board of Regents Student Eligibility Requirements for Academic Courses (BOR Policy).

Solving equations and inequalities; function properties and graphs with transformations; inverse functions; linear, quadratic, polynomial, rational, exponential, and logarithmic functions with applications; systems of equations.

Business Math (State Code: 040307) – I credit- Grades 10-12

Prerequisite: Successful completion of Algebra I.

Required Assessment: ACT WorkKeys Assessment

Business Math is designed for students who are pursuing a high school diploma in compliance with the Jump Start-TOPS Tech track. The Business Math Course is typically used to fulfill the third of four required math credits in the Jump Start curriculum. In this course, students will demonstrate an understanding of information from workplace graphics and applied math. With workplace graphics, students will learn how to interpret visuals from charts to graphs, diagrams to floor plans, identify what information is being presented and understand how to use it are critical to success. With Applied Math, students will learn how to think critically, reason mathematically, and problem solve situations that actually occur in today's workplace. While individuals may use calculators and conversion tables to help with the problems on the assessment, math skills are still needed to think them through. A portion of the course curriculum will also feature computer-based, online instruction utilizing the *ACT Career Ready 101*, *ACT WorkKeys Curriculum*, and *USA Test Prep*.

Calculus Honors (State Code: 160326) – 1 credit-Grade 12

Prerequisite: At least a "B" in either Pre-Calculus-H or Math 1022

This is an accelerated math course designed for college-bound students who plan to major in engineering, architecture, pre-med, computer technology, or mathematics. Topics covered will be presented in the first Calculus class in college. Students enrolled in this course should have been prepared in the last four years to continue on to college and begin their math career with Calculus. Additional expectations for honors calculus include: a faster pace, higher level problem-solving skills (more challenging problems), more rigorous evaluations, and more homework. The topics to be covered will be limits, derivatives, and applications of derivatives; if there is time at the end of the semester an introduction of integrals may occur.

Calculus DE (State Code: 160498) –3 credit- Differential Calculus (3) (Fall only) Grade 12

Prerequisite: LA Board of Regents Student Eligibility Requirements for Academic Courses plus an appropriate ALEKS placement score. Limits and derivatives of algebraic, exponential, logarithmic, and trigonometric functions, with applications.

Financial Literacy (State Code: 160345) –1 credit-Grades 11, 12

Prerequisite: 2 credits in Mathematics

This course focuses on practical applications of subjects such as budgeting, insurance, banking, and taxes. These are concepts that are needed to make sound financial decisions as a productive member of society.

Advanced Math Functions and Statistics Honors (State Code: 160347) – 1 credit – Grades 11, 12

Prerequisite: Successful completion of Algebra I, Geometry, and Algebra II. At least a "C" average in all three courses is highly recommended.

The following topics will be covered in this course:

- Functions – linear relations and functions, systems of linear equations, the nature of graphs, and the basics of polynomial and rational functions will be reviewed and slightly expanded on from Algebra II
- Trigonometry – degrees and radians, right triangle trig, laws of sine & cosine, basic trigonometric identities, the unit circle, and the basics of graphing sine & cosine
- Probability – permutations, combinations, odds, and probability
- Statistics - frequency, measures of central tendency, normal distribution, sample sets, data distributions, confidence intervals & margins of error, and determining the significance of experimental results

Geometry (State Code: 160323) –1 credit-Grades 10, 11

Prerequisite: Successful completion of Algebra I.

Required Assessment: LEAP 2025

This is a basic course in Euclidean geometry and is designed to develop a strong sense of mathematical reasoning. Students will read, analyze, and solve right triangle and trigonometric functions within contextual situations, gain an understanding of congruence in terms of transformations, develop area formulas necessary for determining volumes of rotational solids, solids with known cross sections, and explain work clearly so that the reasoning process can be followed throughout the solution.

Geometry Honors (State Code: 160323) –1 credit-Grades 9, 10

Prerequisite: Successful completion of Algebra I Honors. At least a “C” average in prerequisite course is highly recommended.

Note: Geometry Honors is required to take Algebra II Honors.

Required Assessment: LEAP 2025

This course is designed for students with a strong mathematical background. This is a basic course in Euclidean geometry and is designed to develop a strong sense of mathematical reasoning. Students will read, analyze, and solve right triangle and trigonometric functions within contextual situations, gain an understanding of congruence in terms of transformations, develop area formulas necessary for determining volumes of rotational solids, solids with known cross sections, and explain work clearly so that the reasoning process can be followed throughout the solution. Additional expectations for honors geometry may include: a faster pace, higher level problem-solving skills (more challenging problems), more rigorous evaluations, and more homework.

Calculus DE- Integral Calculus (State Code: 160499) – 3 credits (Spring only) Grade 12 *Prerequisite: LA Board of Regents Student Eligibility Requirements for Academic Courses plus an appropriate ALEKS placement score. Integrals of algebraic, exponential, logarithmic, and trigonometric functions, with applications.*

Math Essentials (State Code: 160351) - 1 credit - Grade 9

The goal of the course is for students to demonstrate proficiency in the prerequisite skills to assist them in being successful in Algebra I. Freshman counselors will advise students who should schedule Math Essentials A in the 9th grade year. A student designated an 9T will automatically be scheduled into Math Essentials per state remediation laws.

Pre-Calculus DE (State Code: 160501) –1 credit-Plane Trigonometry (3) Grades 11, 12 *Prerequisite: LA Board of Regents Student Eligibility Requirements for Academic Courses plus either minimum ACT Math score of 25 (SAT of 590) or minimum grade of “C-” in MATH 1021. Pre-ACT and PSAT scores may not be used to meet the prerequisite requirements for this course. Trigonometric functions with applications; graphs with transformations; inverse functions; fundamental identities and angle formulas; solving equations; solving triangles with applications; polar coordinate system; vectors.*

Social Studies Courses

Civics (State Code: 220501) – 1 credit

In the high school civics course, students broaden and deepen their understanding of the origin, structure, and functions of government. This course is designed to provide students with both the practical knowledge about how the American system of government functions on local, state and national levels, as well as an understanding of the philosophical and intellectual underpinnings of our constitutional republic. In today's social studies courses, students no longer spend their time in lectures, taking notes, and studying facts about people, places, and events. Instead, students strive to become critical consumers of information by exploring and evaluating sources, making connections to develop claims, and expressing claims that include content-based knowledge.

Civics Honors (State Code: 220501) – 1 credit

In the high school civics course, students broaden and deepen their understanding of the origin, structure, and functions of government. This course is designed to provide students with both the practical knowledge about how the American system of government functions on local, state and national levels, as well as an understanding of the philosophical and intellectual underpinnings of our constitutional republic. In today's social studies courses, students no longer spend their time in lectures, taking notes, and studying facts about people, places, and events. Instead, students strive to become critical consumers of information by exploring and evaluating sources, making connections to develop claims, and expressing claims that include content-based knowledge.

US History (State Code: 220403) –1 credit

Required Assessment: LEAP 2025

This course presents a cohesive and comprehensive overview of the history of the United States, surveying the major events and turning points of U.S. history as it moves from the Declaration of Independence through modern times. As students examine each era of history, they will analyze primary sources and carefully research events to gain a deeper understanding of the factors that have shaped U.S. history. In today's social studies courses, students no longer spend their time in lectures, taking notes, and studying facts about people, places, and events. Instead, students strive to become critical consumers of information by exploring and evaluating sources, making connections to develop claims, and expressing claims that include content-based knowledge.

U.S. History Honors (State Code: 220403) –1 credit

Required Assessment: LEAP 2025

This course presents a cohesive and comprehensive overview of the history of the United States, surveying the major events and turning points of U.S. history as it moves from the Declaration of Independence through modern times. As students examine each era of history, they will analyze primary sources and carefully research events to gain a deeper understanding of the factors that have shaped U.S. history. In today's social studies courses, students no longer spend their time in lectures, taking notes, and studying facts about people, places, and events. Instead, students strive to become critical consumers of information by exploring and evaluating sources, making connections to develop claims, and expressing claims that include content-based knowledge.

World Geography (State Code: 220300) –1 credit

In the high school world geography course, students will develop geographic and spatial thinking skills to better understand the different people, places, and environments around the world. Students will examine various themes including population, culture, migration, urbanization, agriculture, economics, and political systems.

World History Honors (State Code: 220400) –1 credit

In the high school world geography course, students will develop geographic and spatial thinking skills to better understand the different people, places, and environments around the world. Students will examine various themes including population, culture, migration, urbanization, agriculture, economics, and political systems.

World History DE: Western Civilization II (State Code: 220447) –3 credit Prerequisite: *LA Board of Regents Student Eligibility Requirements for Academic Courses*. This humanities course provides a survey of trajectory of western civilization from 1500 CE to the present with an emphasis on the impact of ideas and actions on Europeans and others in the world. Students will learn about religion, intellectual developments, social changes, high and popular culture, and a series of political shifts during the period.

Science Courses

Biology (State Code: 150301) –1 credit-Grade 10

Prerequisite: Successful completion of either Environmental Science or Physical Science.

Required Assessment: LEAP 2025

There are four life science topics in high school, which is the focus of this course: Structure & Processes, Interactions, Energy & Dynamics, Inheritance & Variation of Traits, and Unity & Diversity. The performance expectations for high school life science blend core ideas with scientific and engineering practices and crosscutting concepts to support students in developing useable knowledge that can be applied across the science disciplines.

Biology Honors (State Code: 150301)–1 credit-Grade 10

Prerequisite: Successful completion of Physical Science or Environmental Science. At least a “C” average in the prerequisite course is highly recommended.

Required Assessment: LEAP 2025

There are four life science topics in high school, which is the focus of this course: Structure & Processes, Interactions, Energy & Dynamics, Inheritance & Variation of Traits, and Unity & Diversity. The performance expectations for high school life science blend core ideas with scientific and engineering practices and crosscutting concepts to support students in developing useable knowledge that can be applied across the science disciplines. Additional expectations for honors biology may include: a faster pace and greater depth in the coverage of certain topics, higher level problem-solving skills, more rigorous evaluations, and more homework.

Biology II Honors (State Code: 150303) –1 credit-Grades 11, 12

Prerequisite: Algebra II Honors and Chemistry I Honors. At least a “C” average in both prerequisite courses is highly recommended.

Biology II is designed for the student who has a keen interest in biology and who plan on studying medical sciences after the completion of high school. Students explore advanced topics selected from cellular biology, biochemistry, biotechnology, genetics, microbiology, evolution, behavior, ecology, plant and animal anatomy, and physiology. Research and advanced laboratory techniques are emphasized. This course includes a laboratory component, which includes dissections. Since the assumption is that students who enroll in this class plan to take more advanced biology classes, participation in the laboratory component is mandated to pass the class. Biology II honors requires more critical thinking and synthesizing of information. Additional expectations for honors biology II may include: a faster pace and greater depth in the coverage of certain

topics, higher level problem-solving skills (more challenging problems), greater quantitative applications, more rigorous evaluations, and more homework.

Chemistry I Honors (State Code: 150400)–1 credit-Grades 11, 12

Prerequisite: Successful completion of Physical Science Honors and Algebra I Honors. At least a “C” average in the prerequisite courses is highly recommended.

This course is designed for college bound and academically strong students who have the capability to perform independent study activities. This course focuses on the four core ideas for Chemistry: Matter & Its Interactions, Forces & Interaction, and Energy. The high school performance expectations in chemistry blend the core ideas with scientific and engineering practices and crosscutting concepts to support students in developing useable knowledge to explain ideas across the science disciplines. Several scientific practices are a focus in chemistry: developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations; and to use these practices to demonstrate understanding of the core ideas. Students are also expected to demonstrate understanding of several engineering practices, including design and evaluation. Additional expectations for honors chemistry may include: a faster pace and greater depth in the coverage of certain topics, higher level problem-solving skills (more challenging problems), greater quantitative applications, more rigorous evaluations, and more homework.

Chemistry II Honors (State Code: 150402)–1 credit-Grades 11, 12

This course is designed as a second-year high school, college preparatory chemistry course that focuses on diving deeper into the principles of chemistry. Students will exit the course having demonstrated their understanding of these principles and mathematical and laboratory-based problems and solutions.

CHEMISTRY II (DE) (State Code:150419 Fall, 150421 Spring) –3 credit-Grade 12

Course Prerequisite: LA Board of Regents Student Eligibility Requirements for Academic Courses. For those students whose postsecondary curricula require only one year of chemistry or physical science. This is a preparatory course for college chemistry which is an overview of chemical theory and principles with emphasis on the role of chemistry in the modern world.

Environmental Science (State Code: 150310) -1 credit-Grades 9, 10, 11, 12

This course is designed for students to develop understanding of key concepts that help them make sense of the interactions between Earth science, physical science, and life science. There are six topics in environmental science: Resources & Resource Management, Environmental Awareness & Protection, Personal Responsibilities, Earth’s Systems, Human Sustainability, and Interactions, Energy, & Dynamics. The performance expectations in environmental science blend core ideas with scientific and engineering practices and crosscutting concepts to support students in developing usable knowledge that can be applied to understanding, explaining, and improving human interactions with earth systems and resources. The performance expectations reflect the aspects of environmental science with an emphasis on using engineering and technology concepts to design solutions to challenges facing human society.

Physical Science (State Code: 150802) –1 credit-Grade 9

This course focuses on the four core ideas for Physical Science: Matter & Its Interactions, Forces & Interactions, Energy, and Waves & Their Applications. The high school performance expectations in physical science blend the core ideas with scientific and engineering practices and crosscutting concepts to support students in developing useable knowledge to explain ideas across the science disciplines. In the physical science performance expectations at the high school level, there is a focus on several scientific practices. These include developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations; and to use

these practices to demonstrate understanding of the core ideas. Students are also expected to demonstrate understanding of several engineering practices, including design and evaluation. Scientific calculators are required.

Physical Science Honors (State Code: 150802) –1 credit-Grade 9

Recommendation: “C” or better in 8th grade GT Math or “C” or better in 8th grade math and Basic or higher on the 8th grade science LEAP

This course is designed for college bound and academically strong students who have the capability to perform independent study activities. This course focuses on the four core ideas for Physical Science: Matter & Its Interactions, Forces & Interactions, Energy, and Waves & Their Applications. The high school performance expectations in Physical Science blend the core ideas with scientific and engineering practices and crosscutting concepts to support students in developing useable knowledge to explain ideas across the science disciplines. In the physical science performance expectations at the high school level, there is a focus on several scientific practices. These include developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations; and to use these practices to demonstrate understanding of the core ideas. Students are also expected to demonstrate understanding of several engineering practices, including design and evaluation. Additional expectations for honors physical science may include: a faster pace and greater depth in the coverage of certain topics, higher level problem-solving skills (more challenging problems), more rigorous evaluations, and more homework. Scientific calculators are required.

Physics I Honors (State Code: 150699) –1 credit-Grades 11, 12

Prerequisite: Algebra II Honors and Chemistry I Honors. At least a “C” average in both prerequisite courses is highly recommended.

This course expands on three core ideas from Physical Science: Forces & Interactions, Energy, and Waves & Their Applications in Technologies for Information Transfer. The high school performance expectations in physics blend the core ideas with scientific and engineering practices and crosscutting concepts to support students in developing useable knowledge to explain ideas across the science disciplines. The scientific practices focused on in physics include analyzing and interpreting data, using mathematical and computational thinking, constructing explanations and designing solutions, planning and conducting investigations, developing and using models, and engaging in argument from evidence. Students will be required to use these practices to demonstrate understanding of the core ideas. Students are also expected to demonstrate understanding of several engineering practices, including design and evaluation. Additional expectations for honors Physics may include: a faster pace and greater depth in the coverage of certain topics, higher level problem-solving skills (more challenging problems), greater quantitative applications, more rigorous evaluations, and more homework.

Physical Education Courses

All Physical Education students must have a required uniform in good condition.

Comprehensive Health Education (State Code: 190500) -½ credit -Grade 9 or 10

The goal of this course is for students to develop health literacy through communication, problem solving, resource access and utilization, linking and generating knowledge, and citizenship. Students will develop understanding of high-risk behaviors and unhealthy lifestyles such as tobacco use, poor physical activity, alcohol and drug abuse, unhealthy dietary behaviors, behaviors that result in accidents and injuries, sexual behaviors that result in sexual transmitted infections and diseases and unintended pregnancy. Students learn strategies for developing and keeping healthy habits.

PE I (State Code: 190105) –1 credit-Grade 9

This course is required for all 9th grade students. It will cover the state minimum requirements and includes the study of badminton, volleyball, pickleball, basketball, disc-golf/ultimate frisbee, and speedball along with a variety of other activities. Dressing out is required.

PE II (State Code: 190106) –1 credit-Grade 10

This course is required for all 10th grade students. It will cover the state minimum requirements which include badminton, volleyball, pickleball, disc-golf/ultimate frisbee, basketball, speedball, flag football, soccer, and softball with an additional focus on weight training and cardio fitness. Dressing out is required.

PE III (State Code: 190107) – 1 credit-Grades 10, 11, 12

Intramural competition will be offered in basketball, volleyball, flag football and track. Dressing out in standard uniform is required.

PE IV – (State Code: 190108) – 1 credit-Grades 10, 11, 12

Focused on advanced understanding of nutrition, fitness, and intramural competition. Dressing out in standard uniform is required.

****Athletic PE focuses on the strength and conditioning of student athletes for their relative sports.**

Foreign Language Courses

French I Honors (State Code: 121001) –1 credit

Recommendation: At least a "C" average in English I Honors and "Mastery" on the Leap is recommended.

French I Honors is intended only for students who plan to pursue a college education. All French I requirements will be met at an advanced rate in order to challenge students with advanced abilities. In addition, students in French I Honors can expect to read some additional texts, to complete extra assignment components, and to be assigned more independent work. Students at the honors level are held to the honors program's high expectations.

French II Honors (State Code: 121002) –1 credit

Prerequisite: Successful completion of French I Honors

French II Honors is intended only for students who plan to pursue a college education. All French II requirements will be met at an advanced rate in order to challenge students with advanced abilities. In addition, students in French II Honors can expect to read some additional texts, to complete extra assignment components, and to be assigned more independent work. Students at the honors level are held to the honors program's high expectations.

Spanish I Honors (State Code: 122501) – 1 credit

Recommendation: At least a "C" average in English I Honors and "Mastery" on the Leap is recommended.

Spanish I Honors is intended only for students who plan to pursue a college education. All Spanish I requirements will be met at an advanced rate in order to challenge students with advanced abilities. In addition, students in Spanish I Honors can expect to read some additional texts, to complete extra assignment components, and to be assigned more independent work. Students at the honors level are held to the honors program's high expectations.

Spanish II Honors (State Code: 122502) –1 credit

Prerequisite: Successful completion of Spanish I Honors

Spanish II Honors is intended only for students who plan to pursue a college education. All Spanish II requirements will be met at an advanced rate in order to challenge students with advanced abilities. In addition, students in Spanish III Honors can expect to read some additional texts, to complete extra assignment components, and to be assigned more independent work. Students at the honors level are held to the honors program's high expectations.

SPAN 1101 Elementary Spanish (State Code: 122511) – 4 credits

Prerequisite: Min 2.5 HS GPA and Counselor Recommendation Form OR English score from Board of Regents Table

The primary goal of this course is to offer students an introduction to basic communicative skills in Spanish while developing an awareness and appreciation of Hispanic/Latino cultures. Spanish 1101 is based on the goals from the Standards for Foreign Language Learning in the 21st Century, also known as the 5 Cs, which focus on five general areas: communication in Spanish, gaining knowledge and understanding of cultures of the Hispanic worlds, connecting with other disciplines and acquiring new information, developing awareness of similarities and differences (comparisons) among language and culture systems around the world, and using Spanish to participate in communities at home and around the world. [High school course code: 122511]

SPAN 1102 Elementary Spanish (State Code: 122512) – 4 credits

Prerequisite: Min 2.5 HS GPA, Counselor Recommendation Form OR English score from Board of Regents Table, Min grade of "C-" in SPAN 1101

The primary goal of this course is to offer students an introduction to basic communicative skills in Spanish while developing an awareness and appreciation of Hispanic/Latino cultures. It is based on goals from the Standards for Foreign Language Learning in the 21st Century, also known as the 5 Cs, which focus on five general areas: communication in Spanish, gaining knowledge and understanding of cultures of the Hispanic worlds, connecting with other disciplines and acquiring new information, developing awareness of similarities and differences (comparisons) among language and culture systems around the world, and using Spanish to participate in communities at home and around the world. [High school course code: 122512]

Business Courses

Cyber Society (State Code: 040218)- 1 credit- Grades 9-12

Cyber Society is a set of liberal arts units designed to introduce students to how the world of cyber affects their lives every day. The skills they learn from these modules will help them be more confident in how they interact with the ever-growing and connected world around them. The modules throughout this course will better prepare students to become educated members of the future cyber workforce. Modules include Law, Politics, Terrorism, Ethics and Social Issues, Communities, Business, Artificial Intelligence, Media Literacy and Analysis and Investigation of Cyber -based Scenarios.

Desktop Publishing (State Code: 061114)- 1 credit – Grades 9-12

This course is designed to teach students the fundamentals of presentation design. Students will use various programs to create visual presentations and business publications. During the class, students will use digital cameras, scanners, and graphic software to enhance their work.

Digital Media: Adobe Photoshop, Illustrator (State Code: 080800)—1 credit

The student will produce and manipulate images for Web and print using Adobe Photoshop, learn drawing strategies, concepts, and specialized illustration techniques in Adobe Illustrator.

Introduction to Business Computer Applications (State Code: 040401)-1 Credit-Grades 9-12

This course is designed to enhance the student's literacy in the use of word processing through the use of Microsoft Word 2019 and electronic presentations using Microsoft PowerPoint 2019.

Business Computer Applications (State Code 040400) -1 Credit-Grades 10-12

Prerequisite: IBCA with certifications in Word & PowerPoint

This course is designed to develop an intermediate skill level in spreadsheet creation and manipulation using Microsoft Excel 2019 and database creation in Access 2019.

Principles of Business (State Code: 040306) - 1 Credit-Grades 9-12

This course introduces students to the role of business in the lives of individuals, consumers, workers, and citizens. Coverage includes small-business management, business fundamentals, career planning, social responsibility and ethics, basic economics, technology, financial operations, risk management, consumer decision-making, insurance, and customer service. This course offers an Industry Based Certification in Customer Service.

Speech I (State Code: 051101) – 1 Credit – Grades 9-12

This course develops student confidence and speaking skills which are essential to success in any career pathway. These skills are developed through frequent interactive and peer group activities. This course is a universal elective for the JumpStart diploma.

Family and Consumer Science Courses

Child Development (State Code: 100604)- 1 credit – Grades 9-12

The course is a study of the principles of child growth and development from conception through adolescence. The focus of the course is on meeting children's physical, social, emotional, and cognitive needs in their homes and classrooms.

Family & Consumer Sciences I (State Code: 100401)–1 credit-Grades 9-12

This course begins with a focus on personal development, relationships, and communications skills in all aspects of life. Next the course moves to getting ready to cook by practicing kitchen safety, learning tools and equipment, learning, and preparing foods. The course continues with an introduction to sewing tools and equipment, practicing basic sewing, and caring for clothes.

Nutrition and Foods (State Code: 100302) —1 credit—Grades 9-12

This course discusses kitchen safety and sanitation, basic principles of nutrition, preparation and service of simple foods, optimal use of the food dollar, planning, preparing and serving foods, and job opportunities in food-related occupations at the entry level.

Food Science (State Code: 100315)- 1 credit – Grades 9-12

This course is designed to teach physical science concepts as they relate to the preparation of food. Topics include measurement, sensory evaluation of food, elements, compounds and mixtures, chemical and physical changes, water, acids and bases and energy. This is accomplished through completion of textbook assignments and lab experiments.

Arts Courses

Art I (Basic Design-State Code: 030501) – 1 credit-Grades 9-12

Art I is a fine arts course introducing the student to the elements and principles of art as well as a brief survey of art history. The course introduces basic techniques in drawing, printmaking, painting, and hand building with clay.

Art II (Advanced Design-State Code: 030502) – 1 credit-Grades 10-12

Prerequisite: Art I

Art II is a continuation of Art I with a focus on exposure to a variety of media and intermediate techniques with pencil, pastels, charcoal, pen and ink, acrylic, and hand building with clay. This course is designed for a more in-depth study of color theory, art history, and art criticism

Art III (State Code: 030503) –1 credit-Grades 10-12

Prerequisite: Art I and Art II

Art III is designed for self-motivated students who can create goal plans, with the help of the teacher, to guide themselves toward a career in art. Students focus on developing more advanced techniques in their chosen medium. This course focuses on developing creative expression, aesthetic perception and more exposure to arts heritage, and critical analysis

Art IV (Metal/Sculpture State Code: 030504) -1 credit - Grades 10-12

Prerequisite: Art I, II, III

Art IV is designed for self-motivated students who can create goal plans, with the help of the teacher, to guide themselves toward a career in art. Students focus on developing more advanced techniques in their chosen medium. This course focuses on developing creative expression, aesthetic perception and more exposure to arts heritage, and critical analysis

Advanced Band Winds (State Code: 030303)-1 credit- Grades 9-12

This course focuses on the refinement of musical techniques and ideas. Participation in Marching and Symphonic or Concert Band is Mandatory. Successful completion requires attendance at all extracurricular activities, rehearsals, and performances-including several festivals and competitions.

Percussion Ensemble (Percussion-State Code: 030307)-1 credit-Grades 9-12

****For Color guard, schedule Band P for the Fall Semester.**

This course focuses on the refinement of musical techniques and ideas specific to percussion instruments. Participation in Marching and Symphonic or Concert Band is Mandatory. Successful completion requires attendance at all extracurricular activities, rehearsals, and performances-including several festivals and competitions.

Chorus (State Code: 030312) -1 credit- Grades 9-12

This class is open to all grade levels. They are designed for those who desire to develop skills in vocal performance. No previous musical instruction is required. The classes cover music reading and proper singing technique. Music performed will be from all genres, including classical, pop, jazz, and musical theater. The Chorus will perform a concert at the end of the semester. They will also work on the Musical Production that is presented in the spring. The chorus will perform at District and State Chorus Festival, the Black History Program and other events that invite the chorus to perform. After school rehearsals and performances are required to receive credit for the course. Students may take choir classes for up to eight semesters. Since Music is classified as Fine Arts, these classes count for the fine arts requirement in the TOPS program. All students interested in being involved in the Musical Production in the spring may join any chorus class. All of

the classes will work on the musical, helping to build and paint sets, working with props, learning how to develop a character, applying make-up, and learning other aspects of stage production.

Dance (Color Guard) (State Code: 030600, 030621, 030631, 030641)-1 credit-Grades 9-12

Color guard is a specialty performing unit of the Band Program. Membership is determined by audition. This class allows for specialized performance technique on auxiliary equipment used with the Band Program. Successful completion requires attendance at all extracurricular activities, rehearsals, and performances-including several festivals and competitions.

Fine Arts Survey (State Code: 030332) – 1 credit- Grade: 11-12

This course is designed as an introduction to the four arts: dance, drama, music, and visual arts; their relationships; and how they each touch our daily lives. This course is not an in- depth study but an appreciation and history of the arts.

Fine Arts Survey DE- Exploring the Arts (State Code: 030593) – 3 credits- Grade: 11-12

The fine arts (music, visual art, drama, and dance) as they relate to the human experience. Related subjects such as film and architecture will also be discussed.

Publications I and II (Yearbook-State Code: 050603, 050604) - 1 credit - Grades 10-12

This course is designed for exploring the endless capabilities of graphic design using computer applications and other electronic media. Main project is the production of the school's yearbook. You will learn how to work as a team, sharing responsibilities with your classmates for the purpose of accomplishing a goal. You will cover events photographically both in-school and outside-school, which is why insurance is needed. You will learn how to shoot and download digital images with a 35mm SLR digital camera. You will have opportunities to use a digital video camera. You will also learn about the world of advertising along the way.

Health Services Courses

Allied Health Services I (State Code: 090101) –1 Credit-Grades 9, 10, 11, 12

This course includes an overview of therapeutic, diagnostic, health informatics, support services, and biotechnology research and development pathways in the health science career cluster. The course focuses on health careers exploration, healthcare systems roles, leadership, employability, and communication skills. Students will develop a concept of health maintenance practices, safety, teamwork, and legal and ethical responsibilities. Subject matter will include career choices and application of health concepts relative to becoming a healthcare professional.

Allied Health Services II (State Code: 090104) –1 Credit-Grades 9, 10, 11, 12

This course includes a fundamental foundation of anatomy and physiology of the human body and introduces medical terminology that pertains to the various body systems. This fundamental foundation is geared for students to become more acquainted and knowledgeable with the depths of each of the twelve human body systems.

EKG (State Code: 090473) 1 credit – Grade 11 or 12

This course prepares individuals to perform non-invasive tests to monitor the human heart, circulatory system health, and administer prescribed treatments under the supervision of a licensed health professional.

Emergency Medical Responder (State Code: 090711) 1 credit – Grade 11 or 12

This course offers the opportunity for students to become Emergency Medical Responder (EMR) Certified through the Bureau of Emergency Medical Services. Students are taught how to respond to various medical

and trauma emergencies. Students must be able to pass not only written tests but skills check off tests that prove that the student is competent and knowledgeable in treating a victim or patient. Students must complete 25 hours of teacher approved work in addition to the instructional time. This course is offered at the Satellite Center and provides the opportunity for students to earn an Industry Based Certification of Emergency Medical Responder (EMR). Students must earn American Heart Association BLS for Healthcare Providers certification, which will be taught at start of semester, to be eligible for EMR certification.

Medical Terminology (State Code: 090151) –1 Credit-Grades 10, 11, 12

This entry level course is for students interested in the health profession and is taught by a registered nurse. Major emphasis is placed on learning the language of medicine by identifying terminology related to the structure of the 12 systems of the human body. Other concepts covered are: pathological disease processes, drug classifications, diagnostic and therapeutic procedures, and employability skills.

Additional CTE Courses

CTE Internship I (State Code: 080202)– 1 credit, Grades 9-12

CTE Internship Programs enable students to extend the classroom into a workplace setting wherein they can learn business and industry standards and practices, work readiness skills, and the application of academics within their chosen field. Students must be employed and turn in weekly documentation.

CTE Internship II (State Code: 080201)– 1 credit, Grades 9-12

CTE Internship Programs enable students to extend the classroom into a workplace setting wherein they can learn business and industry standards and practices, work readiness skills, and the application of academics within their chosen field. Students must be employed and turn in weekly documentation.

Intro to Remote Control Vehicle Technology (Drones) (State Code: 110795)- 1 credit – Grades 9-12

This course introduces the fundamental principles and concepts of small drone (a quadcopter weighing less than 5 pounds) operation. Includes history, categories, air space regulation, ground support equipment, optical systems, operation theory, mission planning and control for still image and video capture, instruction and understanding of reported weather conditions (METARS and TAFS) for safe operations of UAS, and the Federal Aviation Administration (FAA) Certificate of Authorization process.

Foundations of Education (State Code: 100678)- 1 credit – Grades 9-12

This course is designed for students interested in exploring the field of education. Instruction is provided through hands-on service-learning projects using the Educators Rising curriculum. Students will learn the foundations of education, observe teaching (Kindergarten - 12th grade and Special Education), and practice teaching skills.

JAG (Jobs for America's Graduates) (State Code: 042010, 042020, 042030, 042040)– 1 credit, Grades 9-12

Students are required to produce documents, participate in and complete project-based lessons as they build a plan for their future. They will receive the following services: mentoring, leadership development and job placement services.

JAG is taken as a replacement for Quest for Success and can be taken all four years.

JROTC (State Code: 170001, 170002, 170003, 170004)– 1 credit, Grades 9-12

The JROTC program prepares Cadets for leadership roles, giving practical lessons that help them develop in to active and engaged learners and leaders. The program promotes academic achievement and leadership development, providing Cadets with skills that they will use for the rest of their lives.

Technical Math (State Code: 165010)- 1 credit – Grades 9-12

This course covers general math, fractions, decimals, and measurement as they apply to the carpentry trade. Practical hands-on applications will be emphasized. This course is required for CITF Carpentry.

Psychology (State Code: 222001) – 1 credit-Grades 11, 12

Psychology is the study of people and their behavior. It promotes the understanding of oneself and others. Topics discussed include psychology background, the nervous system, sleep/dreams, memory, and disorders. A brief introduction to sociology is also discussed.

Psychology DE: Introduction to Psychology (State Code: 225011) –3 credits-Grades 11, 12

Psychology is the study of people and their behavior. It promotes the understanding of oneself and others. Outside projects and a variety of research may be required. Topics discussed include psychology background, the nervous system, sleep/dreams, memory, and disorders. A brief introduction to sociology is also discussed.

Quest for Success (State Code: 080411) – 1 credit-Grade 9-12

Quest for Success' nine units are carefully planned to help students progress from knowing and being aware of themselves and themselves in relation to others, to leading responsibly, and leveraging these skills in identifying personal and career goals and planning for the future. Informed by business and industry and other experts, the curriculum includes a variety of industry-aligned performance tasks that simulate the real world of work and support development of a variety of in-demand, cross-sector, employability skills (e.g., collaboration, resource management, communication). Additionally, students will learn about high-growth, industry sectors (e.g., information technology, health care, advanced manufacturing) and related career pathways, apply a variety of technology skills, and be asked to continuously reflect on their learning.

Agriscience Courses

Agriscience I (State Code: 010301) –1 credits-Grades: 9

This course provides students with basic knowledge of agriculture and its history and the science applications in agriculture. This course includes units in animal science, soil science, plant science, agricultural mechanics, basic carpentry, food science technology, and agricultural leadership. Mathematics, science, English, biology, and human relations skills will be reinforced in the course.

Agriscience II (State Code: 010302) –1 credits-Grades: 10

This course 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, and agricultural leadership. Mathematics, science, English, biology, and human relations skills will be reinforced in this course.

Agriscience III (State Code: 010303) –1 credits-Grades: 11 and 12

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 should include personal development skills, animal systems, plant systems, environment issues, and mechanical skills. Mathematics, science, English, biology, and human relation skills will be reinforced in the course.

Agriscience IV (State Code: 010304) –1 credits-Grades: 11 and 12

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 should include personal development skills, animal

systems, plant systems, environment issues, and mechanical skills. Mathematics, science, English, biology, and human relation skills will be reinforced in the course.

Forestry (State Code: 010361) –1 credits-Grades: 11 and 12

Forestry is an advanced agriculture course that focuses on the following: Tree Identification, Tree Diseases, Forestry History, Forestry Industry, Forestry Tools, Chainsaw Management, Landscape measurement, Compass Usage & Manual Pacing. The forestry credential is an Advanced level credential and is only granted when the student has met the following milestones: successfully passing the LEAF Exam, earning at least 70% of all possible points at an Area FFA Forestry CDE, and earning the AgriTech Credential (basic level).

Louisiana Wetlands Ecology (State Code: 312090) – 1 credit- Grades: 9-12

The Louisiana Wetlands and Ecology course is designed for students to be eligible to earn the Ecology Conservation and Management Certification (IBC), awarded through Ducks Unlimited. The course measures the following domains and competencies: ecological principles, habitat conservation and management, forests, grasslands, wetlands, wildlife population, wildlife management, species identification, and waterfowl. Students who earn this certification prove their knowledge and skills, as well as enhance their resume to promote professional and career development.

Vocational Courses

CARPENTRY I (CITF): (State Code: 080230 (1credit) 080231 (2 credits) Grade: 11 and 12

This course is designed to prepare individuals to construct wood structures for residential and non-residential use. This includes layout of a construction site, blueprint reading, layout and cutting of structural members, material estimating, and finishing interior and exterior. The course content is organized into competency-based units of instruction that specify occupational competencies, which the student must successfully complete.

CARPENTRY II (CITF): (State Code: 080233 (1 credit), 080234 (2 credits) Grade: 11 and 12

This course is a continuation of Carpentry I.

NCCER Welding I Tech (State Code: 110742) –2 credits-Grades: 9, 10, 11, 12

In this course, students learn safety, oxyfuel cutting, plasma arc cutting, air-carbon arc cutting and gouging, base metal preparation, weld quality, shielded metal arc welding, joint fit-up and alignment, and fillet and groove welds.

T-2 Oil and Gas (State Code: 110956) –1 credits-Grades: 9, 10, 11, 12

This course is designed to certify personnel working on offshore production platforms to operate, repair and maintain facilities and safety devices in accordance with the requirements described in Federal Registry (30 CFR 250) and the Bureau of Safety and Environmental Enforcement (BSEE).

Virtual Workplace Experience (VWE II) (State Code: 080207) -- Grades 10, 11, 12

Use virtual mentor interactions via Nepris and project-based learning exercises to help students master key workplace behaviors and communication skills.

The above three courses (CIW IBA, CIW Network, CIW Website Development) need to be successfully taken and certifying tests passed for a student to earn the CIW Web Foundation Series Certification.

SLCC Courses

HVAC (State Code: 310103) –3 credits-Grades 11, 12

This program prepares persons for work as an entry-level technician. Technicians work with heating, air conditioning, and refrigeration systems. Duties and work environments are varied and involve installing, maintaining, diagnosing, and repairing HVAC systems. Topics include mathematics for HVAC technician, blueprint reading, fundamentals of electricity, electrical systems, air conditioning/refrigeration, computer skills, residential technology, and EPA certification.

Machine Tool Technology (State Code: 311903) – 3 credits- Grades 11,12

The Manufacturing Technology program involves operating machine shop equipment such as: manual lathe, milling machines, drill presses, surface grinders, and computer numerical control equipment. Students will get a foundation in manual machining. Additionally, a brief overview of CNC principles will be taught. Some of the basic principles that will be taught are measurements, blueprint reading, turning, boring, tapering, threading/tapping, knurling, and etc.

Nursing Assistant I (State Code: 090238) –3 credits-Grades 11, 12

Lab Fee: \$20 + uniform, background check, insurance

Prerequisite: Biology or Medical Terminology or First Responder or Human Anatomy

This course is designed for students who plan to pursue nursing or health care as a career. Emphasis is placed on the practical, bedside arts of nursing. Instructional topics include a review of body systems, nursing concepts and employability skills. Students work in a hospital or nursing home setting. Successful completion of the clinical program and exam leads to a Certified Nursing Assistant (CNA) certificate. A scrub uniform, physical exam, PPD (TB Test), background check, malpractice insurance and hepatitis vaccine or declination form and an up-to-date shot record are required.

NCCER Welding II Tech (State Code: 110748) – 3 credits- Grades: 9, 10, 11, 12

Prerequisite: Welding I

This course students learn advanced welding skills including welding symbols, reading welding detail drawings, physical characteristics and mechanical properties of metals, GMAW, FCAW, and GTAW equipment and plates, and more.