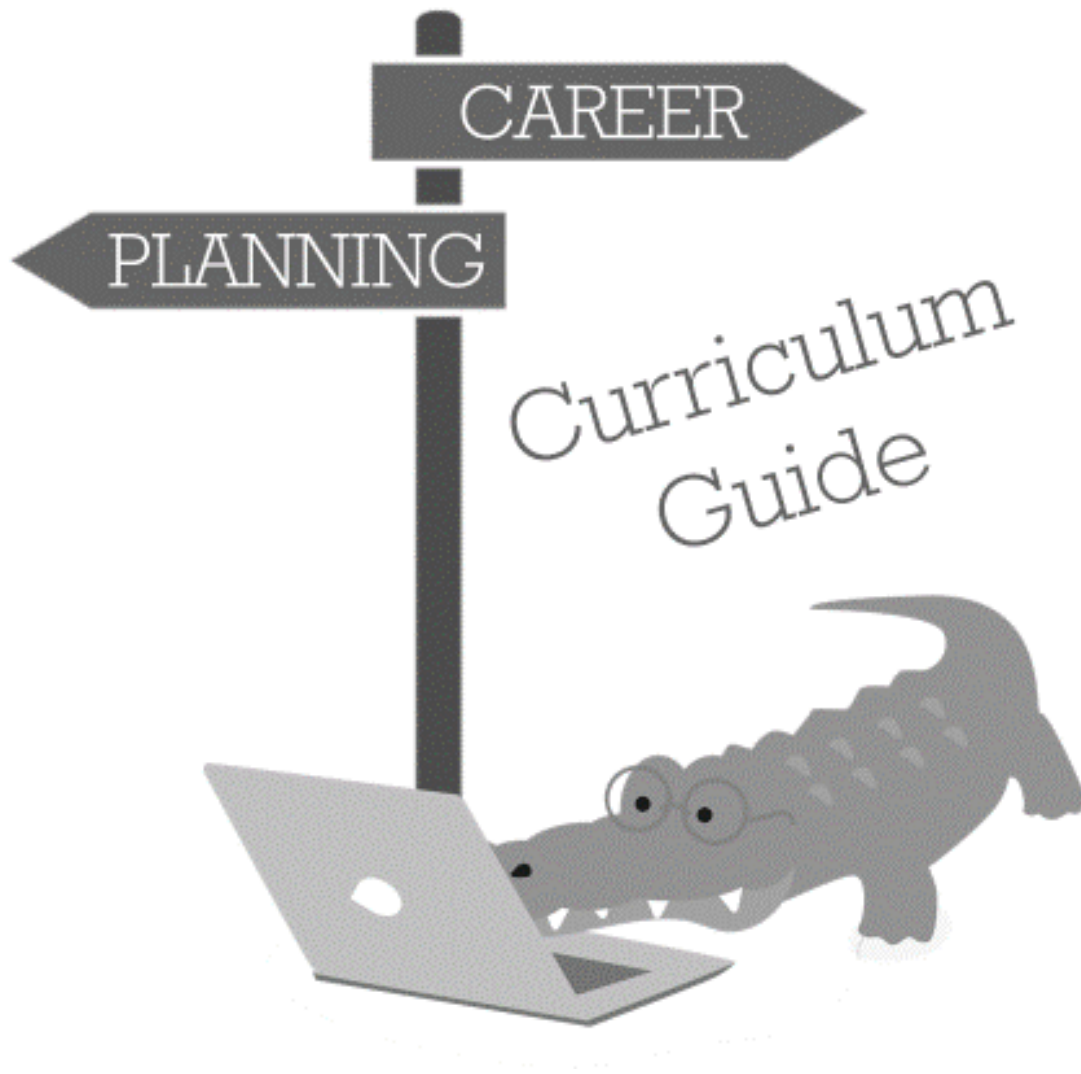


# ST. AMANT HIGH SCHOOL



## 2025-2026 ST. AMANT HIGH CURRICULUM GUIDE

In today's technological world, our work force is required to be more versatile, knowledgeable, and skilled than ever before. Your ability to successfully compete in your chosen career field will depend upon the educational foundation you build in high school. Decisions you make now can either broaden your future opportunities or limit them. Careers often change direction or require new training down the road; prepare yourself by taking the most challenging high school courses you can complete.

The Louisiana Board of Education requires you to map out an individual graduation plan based upon selection of a career pathway. By choosing core subjects and electives related to that pathway, you can better prepare yourself to reach your post-secondary goal---workforce, technical training, vocational school, the military, or college.

Proceed through this guide, choose your courses wisely, and then use the knowledge you gain from those courses to shape your career decisions as you progress through high school.

**Scheduling Policy:** Students and parents should exercise great care in course selections as they can have a direct bearing on future career possibilities and college entrance, as well as scholarships such as those offered by the TOPS program. If staff or facilities are limited in an area, upperclassmen will have priority in scheduling the affected courses.

Please check the course descriptions for prerequisites to courses. Prerequisite courses must be completed prior to beginning the subsequent course.

Students interested in specific colleges or programs should become familiar with requirement guidelines early enough to prepare for them. Check catalogs, online sources, or your counselor for pertinent information.

Counselors meet with students each year to advise them in course selection. Once initial requests have been made, students are given a verification form for approval by student and parent. All changes must be made by the last day of school. After the last day of school, no schedule changes will be made except in emergency situations as determined by the school principal. Contact information for the counselors can be found below.

Students who fail a core subject will have their requests changed to account for re-taking the required course. If a schedule does not reflect such a change, it is the student's responsibility to notify his/her counselor.

**Senior Scheduling:** Seniors are required to schedule four core courses (English, math, science, social studies) in whatever combination best prepares them for their plans after high school.

**Counselors' Contact Information:** Students are assigned to a counselor according to their last name. Counselors can be contacted by phone at 391-6022 or by email.

Freshmen Sarah Jorge

[sarah.jorge@apsb.org](mailto:sarah.jorge@apsb.org)

10<sup>th</sup>-12<sup>th</sup> GRADE TOPS UNIVERSITY STUDENTS

Last names A-F Geraldine Couvillion

[geraldine.couvillion@apsb.org](mailto:geraldine.couvillion@apsb.org)

Last names G-M Kandis Gonzales

[kandis.gonzales@apsb.org](mailto:kandis.gonzales@apsb.org)

Last names R-Z Dareth Sampson

[dareth.sampson@apsb.org](mailto:dareth.sampson@apsb.org)

10<sup>th</sup>-12<sup>th</sup> GRADE TOPS TECH JUMPSTART DIPLOMA STUDENTS

Last Names A-Z Natali Aucoin

[natali.aucoin@apsb.org](mailto:natali.aucoin@apsb.org)

It is the policy of the Ascension Parish School Board to provide equal opportunities without regard to race, color, national origin, sex, age, disabilities, or veteran status in its educational programs and activities. This includes, but is not limited to, admissions, educational services and employment.

### 4 X 4 BLOCK SCHEDULING PHILOSOPHY

The philosophy of scheduling at St. Amant High School has always followed one basic guideline — to ask you, the students, what courses you wish to take, and then to create a master schedule that allows the highest possible percentage of you to take your requested courses. It is a complex task but one our staff is committed to doing well. In any school there are, of course, certain limits of space and equipment; and some schedule conflicts are inevitable. However, our administration remains committed to a "student-centered" scheduling process and strives each year to offer new and challenging courses for your future benefit.

Each year you are asked to request your required courses and electives for the following year. Once you have finalized your choices on a verification form, the computer scheduling system will honor all courses which can be scheduled.

Keep in mind the following policies as you make selections:

- 1) It is not possible to request a course for a particular semester or request a teacher.
- 2) As much as possible, core courses will be randomly split between fall and spring semesters.

We encourage you to set high goals and to select challenging courses that enable you to reach those goals. Although Louisiana sets minimum standards for graduation, we expect you to achieve beyond the minimum so that you are prepared for your particular career path. With the block schedule, you have even more opportunity to do just that. Take the time to consider your future carefully and choose your courses wisely. Then commit yourself to those classes and to achieving at your highest potential.

### COURSE LEVELS

Advanced Placement (AP) and Pre AP-courses are designed to introduce highly motivated students to college level courses and the opportunity to earn college credit while in high school. The AP Exam is given in the spring of each year; a score of 3 or higher results in college credit (**Fee Reduction Policy: Students in AP classes who are on free or reduced lunch qualify for a class fee reduction, provided they take the AP exam.**)

Honors courses are designed for highly motivated or high-performing students. Assignments are more in depth and will require more time and effort than regular classes. There are more required readings involved (some in class and some outside of class). Students are required to organize thoughts and express them in writing.

Dual Enrollment courses are actual college level classes taught on either the St. Amant High campus or at an area college campus. Students earn high school credit and college credit simultaneously. Participation in dual enrollment programs provides students the opportunity to get a head start on their postsecondary endeavors while completing high school. Students must meet certain ACT test scores in addition to other criteria to be eligible to enroll in DE classes. Dual enrollment fee responsibility varies with the dual enrollment course and provider. DE classes count as both high school and college credit, and grades become part of the student's permanent high school and college transcripts. The final grades of DE classes figure into the student's college GPA and total credit hours in determining continuation of TOPS eligibility. (Note: Dual enrollment credit through Southeastern Louisiana University cannot exceed 27 credit hours.) 11th and 12th grade only. **APSB will currently pay for two courses per semester for qualifying students.**

Weighted Credit for Honors/AP Classes: Students receive weighted credit, or one extra quality point, for grades earned in these classes (exception: no quality points for an F). Some universities and scholarship programs ask for an unweighted GPA (4.0 scale) to create an equal basis for selection of students. The TOPS scholarship program uses its own formula for GPA computation, giving some weight to honors/AP grades. (Information concerning TOPS GPA is available at the Louisiana Office of Student Financial Aid website.)

## COURSE DESCRIPTIONS

**(Entry level listed under each course indicates the earliest grade the course may be taken.)**

### AGRICIENCE/CONSTRUCTION AND CRAFTS/MANUFACTURING

Agriscience I (1 credit): This course provides students with basic knowledge of agriculture and the science applications in agriculture and includes units in animal science, soil science, plant science, agricultural mechanics, food science technology and agricultural leadership. Mathematics, science, English, biology, and human relations skills will be reinforced. Students will work toward industry certification through CITF and earn the CORE Credential. Students who choose to compete in Leadership Development Events and Career Development Events through the National FFA Organization may earn additional industry certification through the Louisiana Department of Agriculture and Forestry.

Agriscience II (1 credit): This course continues the study of the same components, applications, and experiences as Agriscience I. Students who choose to compete in Leadership Development Events and Career Development Events through the National FFA Organization may earn additional industry certification through the Louisiana Department of Agriculture and Forestry. Prerequisite: Agriscience I

CDF Qual PreAppr CITF Carpentry I (1 credit): This course prepares students for carpentry careers through orientation to the carpentry trade and its fundamentals. Emphasis is on safe work practices and employability. Topics include operation of hand and power tools and equipment, safety and first aid, blueprints, and foundational carpentry skills. Math and science skills are incorporated into class activities. Students can work toward **industry certification** through CITF. Students who choose to compete in Leadership Development Events and Career Development Events through the National FFA Organization may earn additional industry certification through the Louisiana Department of Agriculture and Forestry. Prerequisite: Agriscience I

CDF Qual PreAppr CITF Carpentry II (1 credit): This course prepares students for carpentry careers through orientation to the carpentry trade and its fundamentals. Emphasis is on safe work practices and employability. Topics include jobsite safety, residential and commercial construction. Students need a good foundation in math. Students can work toward an advanced industry certification through CITF. Students who choose to compete in Leadership Development Events and Career Development Events through the National FFA Organization may earn additional industry certification through the Louisiana Department of Agriculture and Forestry. Prerequisite: Agriscience I & Carpentry 1.

Electrician I (1 credit): This course prepares students for electrical careers through exposure to electrical theory and safety, conduit bending, electrical test equipment, motor theory and application, fasteners and anchors, alternating current theory, and the National Electric Code. Emphasis is on safe work practices and employability. Topics include operation of hand and power tools and equipment, safety and first aid, blueprints, basic wiring, and communication skills. Math and science skills are incorporated into class activities. This is a computer-based course with hands-on activities included in the electrical shop. Students can work toward industry certification. Students who choose to compete in Leadership Development Events and Career Development Events through the National FFA Organization may earn additional industry certification through the Louisiana Department of Agriculture and Forestry. Prerequisite: Agriscience I

CDF Qual PreAppr CITF Welding I (1 credit): This course introduces welding and oxyfuel cutting processes and construction math. Topics include welding safety, base metal preparation, weld quality, oxy-fuel cutting techniques as it relates to welding fillet 1F-4F joints. Students can work toward industry certification through CITF\*. Students who choose to compete in Leadership Development Events and Career Development Events through the National FFA Organization may earn additional industry certification through the Louisiana Department of Agriculture and Forestry. Prerequisite: Agriscience I

CDF Qual PreAppr CITF Welding II (1 credit): This course continues the study of the same components, applications, and experiences as Welding I with emphasis on Grove 1G-4G. Students can work toward advanced industry certification through CITF\* Prerequisite: Agriscience I & Welding I

### ALLIED HEALTH/HEALTH PROFESSIONAL ELECTIVES

**The Allied Health Center is available for students who are considering careers in medical or allied health related fields. Students desiring to participate must apply in the spring semester of their 9<sup>th</sup> or 10<sup>th</sup> grade year and have a 2.0 cumulative grade point average (a 2.3 for students entering in the 11<sup>th</sup> grade). Students accepted into the Allied Health Center will be advised to take specific classes from Allied Health-related electives offered at St. Amant High School.**

First Responder/Emergency Medical Responder (1 credit): This Acadian Ambulance course uses lecture, videos, computer programs, and a hands-on practicum to teach emergency medical procedures. Course content includes cardiac and respiratory emergencies, burns, bleeding and shock, airway obstruction, patient assessment, and other related emergency topics. Students can obtain CPR and First Responder state certification.

Entry Level: 11<sup>th</sup> Prerequisite: Must be 16 years old and 1.8 gpa or higher

Health Science I (1 credit): This introductory course is for students who wish to pursue a career in a medical/health related occupation. Emphasis is on microbiology, medical terminology, anatomy/physiology, infection control, safety, and accident prevention as well as personal health information. Topics reinforce science, math, communications, social studies, and health education.

Medical Terminology (1 credit): This course is designed for students interested in medical, nursing, or allied health careers. Emphasis is placed on understanding prefixes, suffixes, root words, and abbreviations necessary for analyzing the meaning of medical terms. Students will receive an overview of body systems, functions, diseases, and treatments through the study of terms used to communicate within all healthcare professional careers.

Sports Medicine I (1 credit): This course emphasizes care and prevention of athletic injuries, symptoms, and specific tests for preliminary evaluation of injuries. The course content is helpful to students in daily life and to those interested in medicine, sports medicine, nursing, EMT, physical or occupational therapy, or allied health occupations.

Sports Medicine II/Sports Medicine Advanced (1 credit): A continuation of Sports Medicine I, this is a specialized course in initial clinical evaluation of athletic injuries, emergency care procedures, rehabilitation, and training room administration. Prerequisite: Sports Medicine I

Certified Clinical Medical Assistant (CCMA 2 credits): Grade: 12 TH ONLY Prerequisites: Teacher recommendation, application process, interview, excellent attendance, good behavior, minimum 2.3 GPA. Completion of allied health & advanced science courses recommended but not required. Successful completion of CPCT and/or participation in Allied Health is not required but will be given preference. Description: Students are exposed to health science topics and skills necessary to earn a National CCMA (Certified Clinical Medical Assistant) Certification through coursework, technical skills, and externship hours. A medical assistant is a multi-skilled allied health care professional that specializes in procedures commonly performed in an ambulatory health care setting. Medical assistants perform both clinical and administrative duties such as injections, basic wound care, suture removal, and assist a variety of healthcare providers. They typically work in primary care or specialty medical offices, clinics, and urgent care centers. You must provide your own personal transportation to St. Amant High and clinical sites. The course requires one class period in the fall and one class period in the spring. Class sizes are restricted as per Dept. of Health and Hospital guidelines.

Certified Patient Care Technician (CPCT 2 credits): Grade: 11TH or 12TH Prerequisite: Teacher recommendation, application process, interview, excellent attendance, good behavior, minimum 2.3 GPA. Completion of allied health & advanced science courses recommended but not required. Participation in Allied Health is not required but will be given preference. Description: This course is designed to prepare students as Certified Patient Care Technicians for jobs in the hospital, physician offices, nursing home, and other health care facilities. The students are taught basic entry-level skills to provide personal care and basic nursing care skills, phlebotomy tasks, EKGs, and specialized wound care skills needed to become a Certified Patient Care Technician (CPCT). Classroom instruction and simulated in-school laboratory activities provide the student with clinical skills and appropriate professional behavior. Medical terminology will be reinforced throughout the course. Appropriate work-based learning strategies for this course include the development of Individualized clinical and personal skills specifically related to the patient care technician, as well as internship in various health care facilities. Instruction and certification in CPR are provided in this course. You must provide your own personal transportation to St. Amant High and clinical sites. The course requires one class period in the fall and one class period in the spring. Class sizes are restricted as per Dept. of Health and Hospital guidelines.

CTE Internship - Medical Job Shadowing (1 credit) Grade: 12<sup>TH</sup> ONLY Prerequisite: Application must be submitted during the Spring of the junior year. Teacher recommendation, excellent attendance, good behavior, and minimum 2.3 GPA required for acceptance. Participation in the Allied Health Program is not required but will be given preference. Description: This course allows students the opportunity for medical job shadowing experiences along with in-class content related to employment seeking skills and the Allied Health fields. Internships incorporate classroom instruction, job shadowing experience, and professional discipline exploration. The classroom phase shall include a minimum of 1 class period per week of CTE related classroom instruction throughout the course. The medical job shadowing portion of the course consists of 4 days a week observing a medical professional during the scheduled class time. You must provide your own personal transportation to St. Amant High and job shadowing sites. This on-the-job training phase shall include a minimum of 155 hours for a 1 credit course or a minimum of 335 hours for a 2-credit course.

## ART

Art I: Basic Design (1 credit): Elements and principles of design are explored using a variety of methods including drawing and painting. Skill building will be achieved through use of pencil, pen, pen & ink, and paint.

Art II: (1 credit): Art II will continue to focus on the elements and principles of design. Students will work with two-dimensional media to draw and paint still lifes, landscapes, and portraits. Students will also explore the methods of creating functional and decorative pottery. They will learn pinch, slab, and coil methods of creating hand-built pieces in addition to wheel throwing. Class sessions consist of demonstrations, discussions, class critiques (verbal and written), and time to work on projects. Prerequisite: Art I

Art III: (1 credit): In this advanced course, students will build on the skills learned in Art I and Art II further exploring the elements and principles of design using art media and techniques. Students will explore portraiture, observational drawing, and many other projects. This course will allow students to further explore a medium of their choice and expose students to many different artists. Class sessions consist of demonstrations, discussions, class critiques and time to work on projects. Prerequisite: Art I and Art II

AP Studio Art 2-D Design (1 credit): Students in this AP course complete an art portfolio consisting of twelve projects with a concentrated area of study. Students will devote considerable time, effort, and thought to an investigation of a specific visual idea. To document this process, they will present several conceptually related works to reflect their individual artistic growth and discovery. Students can earn college credit through the AP art portfolio.

Prerequisite: Art I

Fine Arts Survey (1 credit): Students will learn foundational visual art skills based on the elements of design. The course will focus on art styles, time periods, and artists throughout history. Throughout each style of art students will create visual art based on that style with a variety of media.

## **BUSINESS AND MARKETING**

Introduction to Business Computer Applications (1 credit): This course is designed to teach students basic computer application skills. Students will be introduced to the touch method of operating a computer keyboard to produce various documents. The following programs will be utilized: Microsoft Word, Adobe InDesign, and Microsoft PowerPoint. The emphasis will be on Adobe InDesign (*a desktop publishing software used to create and design documents and digital media*) which students will have the opportunity to earn an Industry-Based Credential.

Entrepreneurship (1 credit): This course introduces students to the rewards and risks of owning or operating a business with emphasis on the skills needed to plan, organize, manage, and finance a business. Skills in communication, technical writing, mathematics, research, and problem solving are reinforced. Work-based learning strategies include cooperative education, school-based enterprises, job shadowing, and internships.

Accounting I (1 credit): This course introduces students to basic accounting theory and procedures along with current applications of computer technology in accounting. Mastery of basic accounting concepts and procedures is emphasized. Mathematical, critical thinking, problem solving, decision-making, team building, and technology skills are reinforced. Simulations, projects, teamwork, leadership activities, and competitions may offer opportunities for application of instructional competencies.

Principles of Business (1 Credit): This course is an introductory course that provides students with basic business operations 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, oral and written communication skills are reinforced in this course. Students will also have the opportunity to earn a credential in Supply Chain Logistics in this course.

Principles of Marketing (1 credit): This course introduces students to salesmanship, consumer behaviors, promotion, and merchandising and focuses on current developments in the application of marketing techniques in entertainment, special events, and e-Commerce.

Sports Entertainment and Marketing (1 Credit): This is a course where students will be immersed in the technological and statistical sides of sports. Students will use HUDL as a tool to create statistics for our Athletic program. Hudl is a leading software company revolutionizing the way coaches and athletes prepare for and stay ahead of the competition. Hudl offers tools to edit, share video, study play diagrams, and create highlight reels for entertainment and recruiting purposes. All students will have access to Hudl via hudl.com. Usernames and passwords will be assigned and can be accessed from any computer. From time to time, students will need to submit assignments and look for classroom announcements on the Hudl website. Theories of each sport will be taught so students can understand what the statistical data means for the sport. Students will use technology to promote our athletics throughout the community. Students will learn the basics of each sport so they can accurately record stats for games and will also be responsible for uploading film after each game. This class will have after school requirements at least once a week. Students will be required to attend games and other athletic events. Enrollment for this class is based on a student's interview with the teacher that will focus on the level of interest and commitment to meeting out of class assignments.

General Cooperative Education (3 credits): Students must be enrolled in this course for the full year and will receive credit for successful completion of classroom academics and 15 hours per week of on-the-job training. Students work under the guidance of a teacher facilitator in collaboration with local employers who serve as on-the-job trainers and are evaluated both in the classroom and on the job. The final course grade is a combination of classroom and work site performance. Students schedule a minimum of two blocks each semester in addition to this course and are then dismissed to go to their jobs. (Apply by April of junior year. Selection criteria: 2.0 GPA, good attendance, and discipline record. A student must obtain his own job, and have it approved by the teacher facilitator.) Entry Level: 12<sup>th</sup>

## **CAREER EXPLORATION / ADDITIONAL PREPARATION**

ACT Prep (1/2 credit): ACT Prep is a course that allows students to prepare for the college entrance test with a primary focus on the ACT test. This class is designed to help students improve their ability to score well on the test as well as familiarize them with the components of the test.

College Readiness (1/2 Credit): This course is designed to prepare students for their post-secondary endeavors. The intent is to assist students with evaluating and finalizing their college options, the college application process, scholarship acquisition, and applying for financial aid. Seniors Only.

JAG I (Jobs for America's Graduates 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 II-IV (Jobs for America's Graduates 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. Prerequisite: JAG I

Office Worker: Juniors and Seniors gain work experience and job skills by assisting in campus offices or academic departments. Selection based upon attendance, discipline record, and credit standing. (No credit / Maximum of two semesters total)

Quest for Success (1/2-1 credit): This is an innovative, career exploration course designed to prepare all Louisiana graduates for career and life success. The course will help all students to: develop essential 21<sup>st</sup> century workforce skills – the ability to communicate, collaborate, and lead; explore new and exciting careers and industry sectors; and learn about themselves and their interests to successfully navigate high school, postsecondary education, and career pathways.

Pre-Educator: Foundations of Education DE (H) and Multicultural Learning Communities DE (H) (1 credit each) Prerequisite: 2.5 Cumulative GPA, 11th-12th grade. Students must meet SELU DE eligibility requirements to enroll in both of these courses. These pre-educator courses are an exceptional opportunity for students to gain firsthand experience in the field of education. Designed to provide deep insights into the teaching profession, this program allows students to engage in a variety of activities that highlight both instructional and non-instructional aspects of teaching. Students will immerse themselves in real-world learning through internships at local primary or middle schools, where they will receive valuable on-the-job training. Under the close supervision of experienced educators in Ascension Parish, students will have the chance to perform actual teaching tasks, fostering a practical understanding of what it means to be an educator. Both SELU dual enrollment courses, EDCI 1010 and EDES 1500, not only enrich students' knowledge about the teaching profession but also provide six hours of college credit. This hands-on experience, combined with the opportunity to learn directly from professionals, equips students with a clear and accurate understanding of the teaching career.

Virtual Workplace Experience II (1 credit): Virtual Workplace Experience is a workplace-based learning (WBL) course that provides all students with a guided tour of Louisiana's best-paying careers. VWE II provides all students - no matter where they go to school or their personal circumstances - dynamic opportunities to explore careers in Louisiana's high-demand industry sectors. VWE II emphasizes student-selected project-based learning. VWE II teachers customize the learning experience by offering their students their choice of tasks, reporting formats, and learning goals.

## **DRAFTING AND ENGINEERING TECHNOLOGY**

Basic Technical Drafting/Design (1 credit): This course provides students with a general overview of the basic concepts that are common to the broad field of technical drawing and computer aided drafting using AutoCAD software. Students should have a basic understanding of geometry (coordinates and angles) as a prerequisite for this course. The Autodesk AutoCAD certification will be offered to students that qualify to take the certification exam. This certification aligns with the JumpStart Curriculum and allows the student to graduate with a certification in industry.

Advanced Technical Drafting (1 credit): Prerequisite: Basic Tech. Drafting. Principles and practices of architectural drawing, terminology, and construction through residential planning and design, including floor plans, elevations, sectional details, and presentational drawings. Throughout the semester students will focus on developing the ability to create 3D models and drawings using Revit 2020; a 3D software designed for Architecture around the globe in many different professional fields. When the course is complete, and they have met all qualifications, they will be given the opportunity to take the national Autodesk Revit Certified User exam. There is a \$20 class fee.

Engineering Design and Development (1 Credit): Prerequisite: Basic Tech. Drafting. The primary intent of the course is to provide the student with the skills necessary to understand and interpret 3D models and engineering drawings. To do this, the student will learn to apply design intent to construct 3D models using computer-aided design and document their design intent through a design rationale and engineering drawings. In addition to working on developing spatial reasoning and technical drawing skills, students will develop technical writing and oral presentation skills as they discover various topics throughout the semester. The course will conclude with a final project where students will work in a team to identify a problem, design a unique solution, create a prototype, then test the solution. Throughout the semester students will focus on developing their ability to create mechanical drawings using Inventor 2020; and will be given the opportunity to take the Autodesk Inventor Certified User Exam. This certification aligns with multiple Jumpstart pathways.

Introduction to Engineering DE H (1 credit): This course is designed to introduce the profession, ethics, and diversity of the field of engineering to high school students. The course will allow students to explore the 10 primary concentrations within engineering by listening to guest speaker lectures, working on an interactive project with a team, and presenting the results of their project to the class. The majors are: Biological Engineering, Civil Engineering, Environmental Engineering, Chemical Engineering, Computer Engineering/ Electrical Engineering, Computer Science, Construction Management, Industrial Engineering, Mechanical Engineering, and Petroleum Engineering. Specifically, this course will emphasize that the engineer is a team worker who needs strong skills in technical problem solving, engineering design, ethical decision making, and communicating to diverse audiences. Course fee: \$20.00 Prerequisite: 2.5 GPA This certification aligns with multiple Jumpstart pathways and is counted as a general elective credit for Tops University.

Principles of Engineering (1 credit): This course is designed to expose students to some of the major concepts that they will encounter in a postsecondary engineering course of study or in a technical career field. This course will emphasize the same skills needed to be successful in Intro to Engineering but gives students the opportunity to develop these skills and understanding deeper through activity-, project-, and problem-based (APPB) learning. Students will work in teams to develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students will hone their 21<sup>st</sup> century skills by documenting their work and communicating their solutions to their peers and members of the professional community. This certification aligns with multiple Jumpstart pathways and is counted as a physical science credit for Tops University.

## **ENGLISH**

English I (1 credit): This course consists of study of grammar, literature, vocabulary, and composition. Emphasis in grammar is on knowledge and use of basic grammar. The paragraph, as well as the different types of writing, is introduced. Emphasis in literature is on short stories; poetry, drama, and the novel are also introduced. Vocabulary focuses on the use of context clues to determine meaning as well as knowledge of synonyms and antonyms.

English I (Honors) (1 credit): The honors level covers the work of the basic course in greater depth. The guided, individual reading program is expanded and includes critical and analytical writing as a response. Writing includes longer compositions, creative writing, and limited individual research using primary sources. Logical and higher-order thinking skills are continually stressed and practiced. Vocabulary work is extensive, including more etymology and stressing specificity.

English II (1 credit): This course is a continued study of literature that enhances the student's understanding of short stories, essays, poetry, drama and novels. Students will utilize specific reading strategies to understand more complex literature. The study of grammar, vocabulary, and writing continues with genre-specific assignments.

English II PreAp (1 credit): This course shares the same goals as English II but provides more challenging literature and more complex analysis of literature. Writing assignments require more independent research. The PreAP course is designed to provide more foundational skills to better prepare students to take Advanced Placement courses during the rest of their high school career.

English III (1 credit): This course is designed to meet the needs of students who plan post-secondary study (universities, technical institutes, health care programs). Language study is aimed at improving written communication and developing forceful sentence structure in formal forms of composition. A variety of genres of American literature are studied, emphasizing the student's personal response to the literature, analytical and critical responses, and vocabulary study.

English III AP (1 credit): College Board's AP English Language and Composition class is intended to help students become skilled readers and interpreters of prose, written in a variety of genres and rhetorical contexts. The purpose in teaching students to become expert readers is to translate their 'deep reading' skills into teaching them how to become improved, skillful, and more insightful writers. It is only through reading and analyzing expert prose that students can learn to recognize what great rhetoric is, and in turn, begin to model rhetorical strategies in their own writings. To be skillful writers, students need to become aware of the many purposes for writing, the interactions among a writer's purpose and audience expectations, along with a variety of subject matter. Another very important part of this course is the development of research skills that will enable students to evaluate, utilize, synthesize, and cite source materials. In addition, the AP teacher facilitates and guides the students. The classroom is viewed as a "community of learners" where the students' opinions are valued, and everyone is perceived as a participant in the argumentative discussion and process. Many of the activities and assignments are student-centered and student-driven rather than teacher-centered. For this reason, students need to maintain a high degree of self-discipline and view their role in the class as one of extreme importance. Students can earn college credit through the AP exam process. **Minimum fee: \$93/\$50 for free/reduced lunch eligible students**

English III DE H (1 credit): SELU ENGL 101: Instruction and practice in the basic principles of expository writing: the paragraph and the whole composition—the methods of development, the thesis, the outline and organization, the structure and style. Instruction in functional grammar, sentence structure, diction and spelling, punctuation and mechanics, in direct relation to the student's writing. Prerequisite: SELU DE ELIGIBILITY REQUIREMENTS MUST BE MET TO ENROLL IN THE COURSE.

English IV (1 credit): This course is designed for students who plan to further their education through post-secondary study (universities, technical institutes, health care programs). The course stresses expository writing and verbal communication. A survey of British literature from Anglo-Saxon to the modern times is included with emphasis on both personal response to the literature as well as more formal literary analysis. Vocabulary study is stressed throughout all units.

English IV AP (1 credit): This course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. Students can earn college credit through the AP exam process. **Minimum fee: \$93/\$50 for free/reduced lunch eligible students**

English IV DE H (1 credit): SELU ENGL 101: Instruction and practice in the basic principles of expository writing: the paragraph and the whole composition—the methods of development, the thesis, the outline and organization, the structure and style. Instruction in functional grammar, sentence structure, diction and spelling, punctuation and mechanics, in direct relation to the student's writing. Prerequisite: SELU DE ELIGIBILITY REQUIREMENTS MUST BE MET TO ENROLL IN THE COURSE.

ENGLISH IV DE 102 H (1 credit): SELU ENGL 102. Critical Reading and Writing. Credit 3 hours. Prerequisite: English 101 or 121H or an ACT English score of 29 or higher. Development of skills in reading critically, analyzing models of good writing, and writing in response to a variety of texts, including imaginative literature. Writing the argumentative essay, the critical essay, the research paper, and the essay examination. Prerequisite: SELU DE ELIGIBILITY REQUIREMENTS MUST BE MET TO ENROLL IN THE COURSE. Completed English III DE 101

## ENGLISH/ JUMPSTART TOPS TECH

Business English (1 credit): This course is designed to provide students with communication skills needed in a business environment. Business letter writing including routine letters as well as specialized letters, memo, and reports is an important component of the course. The practical principles of grammar, punctuation, and vocabulary needed in business transactions are included. Oral, listening, and nonverbal communication skills as they relate to business are stressed. Emphasis is also given to communications as related to technological advancements such as information management and telecommunications. *Jump Start TOPS Tech students only*

Technical Writing (1 credit): This class seeks to develop the writing, reading, personal communication and soft skills necessary for success in the workplace. Activities will center on students' career interests and exposure to local workers in different fields. Students will also learn to develop critical reading, writing, problem solving, and electronic communication skills needed on the job. *Jump Start TOPS Tech students only*

## FOREIGN LANGUAGE

The primary objective of the foreign language program is to impart knowledge of the four linguistic skills, (listening, speaking, reading, and writing) in the target language, as well as a cultural appreciation of the French and Spanish speaking worlds. Additionally, membership in the French Club offers cultural, artistic, and interpersonal enrichment.

*SEAL OF BILITERACY: Recognizes students who have demonstrated proficiency in two or more languages by their high school graduation. The seal encourages students to pursue biliteracy, honors the skills our students attain and can be evidence of skills that are attractive to future employers and college admissions offices. REQUIREMENTS: Successful completion of four years of English; Successful completion of four years of the same world language (French or Spanish at SAHS) or a passing score on the AP French or AP Spanish exam; Score 19 or higher on both the Reading and English sections of the ACT. A seal of biliteracy is affixed to the student's diploma.*

French I (1 credit): This course introduces students, through realistic, everyday situational dialogues, to all four linguistic skills and encourages students to truly communicate in French.

French II (1 credit): This course is a continuation of the development of general vocabulary, structure and the four linguistic skills. (Students with a C or better in French I are likely to be more successful.)

French II (Honors) (1 credit): This course includes more advanced grammar, speaking, and writing skills than regular French II and requires students to maintain a high degree of self-motivation.

French III (Honors) (1 credit): This is a continuation of French II. This course is an expansion of research, extensive extemporaneous speaking and writing skills in French. Additional novels and classical readings are assigned.

French IV (Honors) (1 credit): This course is a continuation of French III.

Spanish I (1 credit): This course is an introduction to the Spanish language and Hispanic culture, with emphasis on acquisition of the four basic skills (listening, speaking, reading, and writing).

Spanish II (1 credit): This course is a continuation of Spanish I, offering an opportunity to increase proficiency in the four basic skills.

Spanish II (Honors) (1 credit): This course involves more advanced grammar, speaking, and writing skills than regular Spanish II and requires students to maintain a high degree of self-motivation.

SPANISH III H (1 credit): All appropriate elements of basic language learning are utilized for the purpose of providing a foundation in the language and culture of the countries where Spanish is spoken. Classwork supplemented by aural-oral drill in the language laboratory. Prerequisites: Spanish I and II credit with a B or higher

Spanish IV H (1 credit): This course is a continuation of Spanish III H. All appropriate elements of basic language learning are utilized for the purpose of providing a foundation in the language and culture of the countries where Spanish is spoken. Classwork supplemented by aural-oral drill in the language laboratory. Prerequisites: Spanish III H

## **FAMILY AND CONSUMER SCIENCE**

Family and Consumer Science, I (1 credit): This course focuses on the areas of personal and family living, wellness, nutrition and foods, financial management, living environments, appropriate child development practices, clothing and textiles, employability skills, and transferring school skills to life and work. Emphasis is placed on students applying these skills during the teenage years, focusing on today's choices for future possibilities. Through simulated experiences, students learn to fulfill their responsibilities to family and community.

Food Science I (1 Credit) Description: The course addresses more concepts in nutrition and food preparation, with emphasis on social, psychological, and cultural influences on food choices globally. Topics of study include nutrition, meal planning, label information, 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. Laboratory experiences are included. Students can earn the ServSafe certification.

Child Development (1 credit) Students will study the physical, intellectual, social, and emotional growth and development of children from birth to early childhood. Topics include prenatal development; preparation for birth and the birth process; impacts of heredity, environment, and family on the child's development; and meeting the child's needs for food, clothing, shelter, and care. Emphasis is on helping students create an environment for children that will promote optimum development.

## **INFORMATION TECHNOLOGY**

Computer Science I (1 credit): Students will learn foundational informational technology (IT) concepts including identifying and explaining computer components, installing software, establishing network connectivity, and preventing security risks and perhaps earn a CompTIA IT Fundamentals certification. Students will also receive a hands-on introduction to computation through programming and problem solving in the Javascript programming language and web page design using HTML. Prerequisite: A or B average in Math/Algebra I.

Computer Science 2 - Advanced JavaScript and Game design (1 credit): This course introduces students to game design and programming. Through a guided and structured approach, students learn to design, develop, and publish games. Students also learn about major programming topics like variables, functions, conditionals, and mouse/keyboard events while building fun and interactive games that they can play and share with others. PREREQUISITE: COMPUTER SCIENCE I

Digital Graphics & Animation (1 credit) Prerequisite: IBCA recommended, 10th –12th grade and priority given to students with the Arts, A/V Technology, Communication Career Pathway. This course combines text, graphics, sound, animation, and video delivered by computer or other electronic means. Course focuses on the systematic design and development of effective, efficient, and appealing visual productions. Students plan and design production sequences, then use computer-based authoring/multimedia software to deliver the production. Students design, develop, implement, and evaluate productions. Class sessions consist of discussions, collaborative activities, demonstrations, skills-building activities, peer evaluation, and time to work on projects.

Multimedia Productions (1credit): Prerequisite: Digital Graphics and Animation This course focuses more on design, development, implementation, and evaluation of students' original productions. Adobe CC 2019 (Creative Cloud) will be utilized in learning Premiere Pro, After Effects, Audition, & Encore.

## **MASS COMMUNICATIONS**

Basic Film & TV Production (10th-12th Grade): This course serves as an introduction to the filming and production skills required to create audiovisual media in the realm of film and television. Students will learn the differences between various film and television styles (narrative film, video journalism, documentary, broadcast, etc.) and will learn proper videography, editing, and production skills through hands-on projects.

Broadcasting I GNN (1 credit): Students in Business Communications will be able to understand the basics of producing a news show. Students will create a daily news show by writing and presenting material for BROADCAST news, conducting interviews, editing video, and creating pre-produced news stories. Entry level: 11<sup>th</sup> grade  
Prerequisite: Approval of instructor

Broadcasting II GNN (1 credit): Students in Business Communications II will be able to determine which stories are appropriate for the school news show as they continue to create the daily news show. In addition, these students will create several 2-3-minute pre-produced news packages and leave with a highlight reel of their work. Entry Level: 11<sup>th</sup> grade Prerequisite: Business Communications I GNN and Approval of instructor

Publications I & II (newspaper formerly Journalism) (1 credit each): This class produces a monthly newspaper. Instruction is provided in writing, editing, and layout, as well as advertising. The class is organized into a newspaper staff with an editor and a business manager in charge of their respective departments. Applicants should be good writers who are articulate, friendly, and imaginative and who consider no job "too small."  
Entry Level: 10<sup>th</sup> Prerequisite: Approval of instructor

Publications I & II (Yearbook) (2 credits): This course focuses on magazine journalism in the form of the high school yearbook. Students will learn sales and merchandising skills, the basics of graphic design, photography and photo selection, and feature writing. They will be introduced to and expected to produce page designs using desktop publishing. Students enrolling in the course should possess good writing and basic keyboarding skills and be computer literate. Selection to class is by application, interview, and reference.  
Entry Level: 11<sup>th</sup> Prerequisite: Approval of instructor

## MATHEMATICS

Algebra I (1 credit): Algebra I helps develop an understanding of fundamental algebraic concepts in realistic settings. Topics include variables, operations and properties of real numbers, equivalent expressions and equations, solving and graphing linear equations and inequalities, systems of equations, matrices, exponential growth, and compound interest. Special emphasis is placed on developing an understanding of functions. Applications, geometry, and statistics are used to develop the algebra of linear equations and inequalities; probability concepts are studied in conjunction with algebraic fractions. Students are required to take the LEAP 2025 which will count towards their final grade in the course.

Algebra I (Honors) (1 credit): This is an accelerated version of Algebra I for students meeting established parish criteria. The course goes beyond the content of Algebra I in greater detail and at a faster rate. Students are required to take the LEAP 2025 which will count towards their final grade in the course.

Geometry (1 credit): This course is designed for students with a basic algebra background, as well as good mathematical reasoning and logic thinking skills. Students will study parallelism, congruent and similar triangles, right triangles, polygons, circles, volume, area, perimeter, and constructions. Students are required to take the LEAP 2025 which will count towards their final grade in the course.

Geometry (Honors) (1 credit): This course is an accelerated geometry course which is taken by students who meet the criteria. The students will study the same mathematical concepts as those in academic geometry, but in much greater detail and at a more rapid pace. Students are required to take the LEAP 2025 which will count towards their final grade in the course.

Algebra II or Algebra II H (1 credit): This is a college preparatory math course. The student will study logarithmic functions, polynomials, rational expressions, irrational and complex numbers, quadratic functions, and polynomial functions. The honors level course will cover the same concepts in greater detail at an accelerated pace.  
Prerequisite: Algebra I and Geometry

Algebra III (1 credit) Prerequisite: Algebra II. Recommended for students with C/D average in Algebra 2 and not enrolled in Physics. Students should expect to have homework 3 to 4 times a week. This class offers seniors the opportunity to meet developmental mathematics requirements while still in high school. Seniors who need Algebra skills for college or vocational school and who are not ready to take Advanced Mathematics would benefit from this course. An extension of Algebra II, this course is a college preparatory math course. The student will study systems of equations, logarithmic functions, matrices, polynomials, rational expressions, irrational and complex numbers, quadratic functions, polynomial functions, and conic sections.

Algebra III Dual Enrollment (H) (1 credit) (SELU MATH 1610): A study of families of functions & their graphs. Topics include linear, polynomial, rational, exponential, & logarithmic functions. Entry Level: 11<sup>th</sup> High School. Prerequisite: SELU DE eligibility requirements must be met to enroll in the course.

Trigonometry (Honors) Dual Enrollment (1credits) (SELU MATH 1620): A study of trigonometric functions. Topics include the six trigonometric functions & their graphs, inverse trigonometric functions, trigonometric identities, and trigonometric equations. Entry Level: 11<sup>th</sup> High School. Prerequisite: SELU MATH 1610 SELU DE

Advanced Math PC (1 credit): The first 9 weeks covers the six trig functions and applications. The second covers complex numbers, polar coordinates, sequences, series, and functions including polynomial, rational, logarithmic, and exponential.  
Prerequisite: Algebra I, II, and Geometry

AP Advanced Math Precalculus (1 credit): AP Precalculus prepares students for other higher-level mathematics and science courses. The course contains content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Topics

include polynomial and rational functions, exponential and logarithmic functions, and trigonometric and polar functions. Students can earn college credit through the AP exam process. Prerequisite: Algebra I, II, and Geometry **Minimum fee: \$93.00/\$50.00 for free/reduced lunch eligible students**

AP Calculus (AB) (1 credit): This course is for strongly motivated college-bound students who are well versed in functions, graphing, solving equations and the exponential, logarithmic and trigonometric functions. Topics include taking limits, continuity, taking and using derivatives, calculating the definite integral for basic functions, integration by substitution, and the applications of integration to areas and solids of revolutions. Students can earn college credit through the AP exam process. Prerequisite: Advanced Math PC or AP Precalculus or Algebra III DE H and Trigonometry DE H. **Minimum fee: \$93.00/\$50.00 for free/reduced lunch eligible students**

AP Calculus (BC): The course assumes solid knowledge of Calculus AB course content. Topics include techniques of integration and a facility with improper integrals, approximate integration, polar coordinates and parametric equations, series of constants and power series, vectors and vector functions and their derivatives, and the mechanical calculation of partial derivatives. Prerequisite: AP Calculus (AB) Students can earn college credit through the AP exam process. **Minimum fee: \$93.00/\$50.00 for free/reduced lunch eligible students**

Statistics Dual Enrollment Honors (1 credit): This is the study of graphical display of data, measures of central tendency and variability, sampling theory, the normal curve, standard score, Student's T, Chi Square, and correlation techniques. Prerequisite: Dual Enrollment Credit in College Algebra Math 1610.

### MATHEMATICS/ JUMP START TOPS TECH

Applied Geometry (1 credit): This course is designed for students with a basic algebraic background, as well as good mathematical reasoning and logic thinking skills. Students will study parallelism, congruent and similar triangles, right triangles, polygons, circles, volume, area, perimeter, and constructions. Students are required to take the LEAP 2025 which will count towards their final grade in the course. **JUMPSTART ONLY**

Math Essentials (1 credit): This is a course that reinforces fundamental workplace math concepts. This course is an extension of the students' basic mathematical knowledge and introduces applied math in workplace concepts. Students investigate through hands-on, concrete application, ratio, proportional reasoning, fractions and decimals, exploration in careers utilizing basic math concepts. This course will also prepare students for the WorkKeys Applied Math Test. Jumpstart Tops Tech Diploma students only

Financial Literacy (1 credit): In this course, the student will learn about checking accounts and their fees, and understand the importance of saving. They will learn to make wise consumer decisions when it comes to credit cards and other types of credit while recognizing the dangers of debt. All students will learn what makes up one's credit score and how to examine a credit report. This course will ask the student to look hard at his financial choices including spending patterns, purchasing motivations, and how to make some difficult decisions. Jumpstart Tops Tech Diploma students only

Business Math (1 credit): This course is an extension of Financial Literacy. In this course, the student will learn that money is lost or gained depending upon the choices a consumer makes. It focuses on informed decisions in regards to budgeting, insurance, behavioral economics, investing, college and/or career choices. By the end of this course, the student will be able to file taxes, create a budget, and discover the best way to increase income and decrease expenses. This course will ask the student to look hard at their financial choices and how to make some decisions that will affect their financial future. Jumpstart Tops Tech Diploma students only

### MUSIC ELECTIVES

Advanced Chorus (1 credit): This course is designed for the advanced choral singer. The size of this mixed ensemble varies. Students are strongly encouraged, but not required, to schedule choir both semesters. Prerequisite: Audition

Beginning Choir (1 credit): This course is for new singers and untrained singers. Beginning choir focuses on singing techniques, note reading, and music styles necessary to understand music.

Piano I (1 credit): This course is designed for beginning students wanting to learn how to play the piano or any student who currently plays piano and wants to further their study. Students will learn how to read music, count rhythms, and learn basic music theory while performing various styles of music literature.

Small Vocal Ensemble (1 credit): Small Vocal Ensemble is a small women's ensemble open through audition or invitation. Previous choral experience, tone quality and aural skills are components used for consideration for membership in this choir. Students accepted into this choir are required to participate in the choir in both the fall and spring semester. Students in the small vocal ensemble are required to audition for either LMEA or ACDA All-State Honor Choirs and are encouraged to audition for both.

### MARCHING BAND/CONCERT BAND

Advanced Band or Wind Ensemble (1 credit): The band program is an all-year 2-block curriculum, and membership is determined by audition. Extra rehearsals, concerts, festivals, and other scheduled performances are required in both semesters.

Applied Music (1/2-1 credit): This course is recommended to all band members to allow time for individual attention and supervised practice in addition to or in lieu of private lessons. Grades are proportional to effort. Prerequisite: Concurrent enrollment in Band

**THE BAND PROGRAM IS OPEN TO ANY STUDENT WITH PREVIOUS EXPERIENCE ON A WIND, BRASS, OR PERCUSSION INSTRUMENT OR PIANO. GRADING IS BASED ON PLAYING TESTS, REHEARSAL SKILLS, AND ATTENDANCE AT ALL EXTRA REHEARSALS AND PERFORMANCES. (SEE BAND MANUAL)**

### NJROTC

N.J.R.O.T.C. I, II, III, IV (1 credit each): The Navy Junior Reserve Officer Training Corps program was developed by the U.S. military to emphasize leadership, self-discipline, citizenship, and America's naval heritage. Course content includes drill, as well as classroom instruction in Naval Mission and Organization, Naval Ships, Leadership,

Maritime Geography, Naval History, Navigation, Seamanship, Health Education, First Aid, and Drug, Alcohol, and Tobacco Abuse Prevention. Instructors will be retired Navy, Marine Corps, or Coast Guard officers. Uniforms, textbooks, and instructional materials are provided to students. Students must be physically qualified to participate in their school's PE program, must follow military grooming standards, and must meet other academic criteria developed by the school.

JROTC ELECTIVE (1 credit): This course is designed to develop marksmanship skills using air rifles at an on-campus range. The course follows regulations and guidelines of the National Three-Position Air Rifle Council, which is the primary National Governing Body. The marksmanship athletes demonstrate performance improvement in the Civilian Marksmanship Program (CMP) Three-Position Course of Fire (prone, standing, and kneeling positions). Performance evaluations of athletes are conducted at the beginning and at the end of the course to establish a baseline and measure improvement. There is a \$30 course fee.

## PHYSICAL EDUCATION

A maximum total of four P.E. credits (not including Health) can be counted towards graduation. \*Football, Boys Basketball, Girls Basketball, Volleyball, Softball, Soccer, and Baseball PE placement is dictated by team roster.

PE I- PE II (½-1 credit): This course is designed to give students the opportunity to learn fitness concepts and conditioning techniques used for obtaining optimal physical fitness. The goal is for students to comprehend the benefits of basic strength training and cardiorespiratory endurance. Course includes activity sessions with some lectures. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness and overall wellness for a lifetime. Grades will be based on participation, performance assessments, and final exams.

Health (½ credit): This required course studies the essential wellness practices as they relate to current concepts of preventative medicine, involves the study of human growth and development, as well as first aid, personal health, alcohol, drug use and abuse and tobacco. The course also explores current concepts of practical and applied nutrition, current myths and misconceptions surrounding the relationship of nutrients to optimal health, obesity and weight control. This course studies the human body as a biological entity that adapts to health choices made by the individual. Health also includes basic CPR and AED training as well as many life skills that can be used throughout the student's lifetime.

Physical Ed. Weightlifting and Conditioning (½ -1 credit): This course may be counted as required PE credit or elective credit and consists of weightlifting and physical conditioning. Students must pass team sports competency tests mandated by the state curriculum.

Physical Ed. Athletics (1 credit): Students who participate on certain school athletic teams are placed into PE Athletics for conditioning and team practice. This course may be counted as required PE credit or elective credit. (may be taken more than once)

## SCIENCE

Biology (1 credit): Students explore topics in cells, molecular basis of heredity, biological evolution, body systems, behavior of organisms, matter, energy, organization of living systems, personal and community health. Students will formulate valid hypotheses, design simple experiments, draw conclusions, develop inferences and apply it to new situations, and apply scientific principles to everyday life. This course includes laboratory activities and dissections are vital.

Biology (H) (1 credit): The course presents an accelerated and advanced foundation in Biology. Students explore topics in cells, molecular basis of heredity, biological evolution, body systems, behavior of organisms, matter, energy, organization of living systems, personal and community health. Students will formulate valid hypotheses, design simple experiments, draw conclusions, develop inferences and apply it to new situations, and apply scientific principles to everyday life. This course includes laboratory activities and dissections are vital.

Biology II (1 credit): Anatomy & physiology of the human body. The course will examine the structure and function of the tissues, organs, & organ systems of the human body. The structure and function of the body systems will be studied in detail as well as the interactions between the systems. The course will provide a good introduction for students interested in health-related careers. (Honors level available). Prerequisite: Biology

Biology II DE (H) (1 credit) (SELU GBIO 151): This course teaches the principles of biology from the cellular level including biochemistry, cell biology, metabolism, photosynthesis, molecular biology and genetics.

Grades: 11<sup>th</sup> and 12<sup>th</sup> Prerequisite: SELU DE ELIGIBILITY REQUIREMENTS MUST BE MET TO ENROLL IN THE COURSE

Chemistry (1 credit): This is a college prep course focusing on the study of descriptive and theoretical concepts of matter. Emphasis placed on depth of conceptual understanding, solving problems and experiments that yield data for analyzing and interpreting by students. Prerequisite: Physical Science **\$15 COURSE FEE**

Chemistry H (1 credit): This course is designed for the more advanced student who wants to maximize his or her science potential. Students will move at a more accelerated pace and will do more research and projects in addition to the academic course work. This course involves the investigation of 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 and related careers is also incorporated in the course work. This course is the basis for further study of physics, chemistry, and other related sciences. Mathematical skills through pre-algebra are used in problem solving. **\$15 COURSE FEE**

Chemistry II AP (1 credit): This course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Prerequisite: Chemistry or Chemistry H recommended. Students can earn college credit through the AP exam process.

**Minimum fee: \$93 or \$50 for free/reduced lunch eligible students**

Environmental Science (1 credit): This course emphasizes human relationships to the environment (ecology, resources, energy, pollution, etc.) It also promotes an awareness and appreciation of the environment, and critical thinking, discovery, and discussion skills. Students will learn about current environmental issues, write papers, perform lab work, and complete various projects.

Environmental Science AP (1 credit): This course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Students can earn college credit through the AP exam process. **\$15 LAB FEE AND Minimum fee: \$93 or \$50 for free/reduced lunch eligible students**

Physical Science (1 credit): Introduction course to Chemistry and Physics. This course 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 and related careers is also incorporated in the course work. This course is the basis for further study of physics, chemistry, and other related sciences. Mathematical skills through pre-algebra are used in problem solving.

Physics Honors (1 credit): This course includes the study of science concerned with matter and energy, especially as they relate to mechanics, heat, electricity, magnetism, and atomic phenomena. Because solving advanced mathematical word problems is an integral component of this course, students should allocate ample study time. Prerequisite: Algebra II (concurrent)

AP Physics C Mechanics (1 credit): Mechanics is a one-semester, trigonometry and calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through classroom study and activities as well as hands-on laboratory work as they explore concepts like change, force interactions, fields, and conservation. Students can earn college credit through the AP exam process. Prerequisite: Adv Math PC or AP ADV Math PC or Algebra III DE and Trigonometry DE or Concurrent enrollment in Calculus AP. **Minimum fee: \$93 or \$50 for free/reduced lunch eligible students**

## SOCIAL STUDIES

African American Studies (1 credit): This course is designed to provide students with a deep understanding of the history of African Americans from the Age of Exploration to the Modern Age. Students will examine American History and American Literature that highlight the African American perspective of the main social, economic, and political currents that contributed to the enslavement of African-Americans, the processes that provided their freedom, and the ongoing struggle for civil rights.

AP African American Studies (1 credit): The interdisciplinary course reaches into a variety of fields—literature, the arts and humanities, political science, geography, and science—to explore the vital contributions and experiences of African Americans. A solid understanding of how African Americans have shaped America, its history, laws, institutions, culture and arts, and even the current practice of American democracy, sharpens all knowledge about our nation.

AP American Government and Politics (1 credit): AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project. Students can earn college credit through the AP exam process. **Minimum fee: \$93 or \$50 for free/reduced lunch eligible students**

Civics (1 credit): Explores importance of citizenship and concentrates on the organization and function of Federal, State, and Local governments. Course includes the study of the American economic system emphasizing the economic principles and practices underlying free enterprise capitalism.

World History (1 credit): This course introduces Western Civilization from the Early Modern Era to the Present. Topics include the Renaissance, Reformation, Exploration, Absolutism, Enlightenment and Scientific Revolution, 18<sup>th</sup> and 19<sup>th</sup> century revolutions, Imperialism, The World Wars, the Cold War, and the Modern World. Upon completion students should be able to analyze significant political, socioeconomic, and cultural developments in modern Western Civilization.

U.S. History/U.S. History H (1 credit): Study of the main social, economic, and political currents of U.S. History from 1877 to the present. An Honors course is also available in U.S. History with additional required reading and writing assignments as well as an emphasis on political, diplomatic, cultural, and intellectual history. **CLEP TESTING IS AVAILABLE FOR COLLEGE CREDIT.**

U.S. History DE (H) (SELU HIST 202) (1 credit): A survey of American History from 1877 to present. Four units on the Emergence of Modern America (1877-1917); World Wars and the New Deal (1917 -1945); the Cold War and Civil Rights (1945 – 1976); and the New World Order (1976 – Present). Includes in-depth coverage of the role of women and minorities. Prerequisite: SELU DE ELIGIBILITY REQUIREMENTS MUST BE MET TO ENROLL IN THE COURSE

World Geography (1 credit): This course covers nations and peoples of the world surveyed in terms of their natural environments, cultural backgrounds, and characteristics. The course is designed in a culture-region concept and can be used to help meet the graduation requirements in the social studies subject area.

AP Human Geography (1 credit): This course will introduce students to geographic patterns and processes that have shaped the human race, human understanding, and the alteration of the earth's surface. Topics include maps, regions, characteristics of places and their interconnections, globalization, urbanization, population, cultural patterns, political organization, land usage, spatial data, and economic development. Students can earn college credit through the AP exam process. **Minimum fee: \$93 or \$50 for free/reduced lunch eligible students**

## SOCIAL STUDIES ELECTIVES

Law Studies (1 credit): This course seeks to develop in students the knowledge and skills necessary to live in our law-saturated society. The course emphasizes the following topics: a practical understanding of law and the legal system; understanding of the fundamental values and principles underlying our constitutional system; awareness of current issues and controversies relating to law and the legal system; critical thinking reasoning, communication, observation, and problem-solving skills.

Psychology (1 credit): This course covers personality, dream analysis, human interactions and emotions, environment vs. heredity. And mental disabilities and illnesses. **CLEP TESTING IS AVAILABLE FOR COLLEGE CREDIT**

Psychology DE (H) (1 credit) (SELU PSYC 101): A survey of the science of behavior of man and other animals, and psychology as a biosocial science. Prerequisite: SELU DE ELIGIBILITY REQUIREMENTS MUST BE MET TO ENROLL IN THE COURSE

Sociology (1 credit): Sociology is the study of groups in our society and of individuals within these groups. This course is designed to introduce you to the “sociological perspective” and to help you understand the basics of what kinds of research sociologists do, what we have learned in the century and a half that the discipline has existed, and how that knowledge can be applied to “real life” situations. **CLEP TESTING IS AVAILABLE FOR COLLEGE CREDIT**

### **SPECIAL EDUCATION ASSISTANCE COURSES**

Study Skills I (1 credit): This course develops study skills in the organization, acquisition, retrieval, and generalization of content information for students with current IEP’s (under 1508 guidelines).

Study Skills II (1 credit): Students will analyze content material, learning styles, and learning strategies to independently apply study skills beneficial in organizing, acquiring, retrieving, and generalizing content information. (Available only to students with current IEP’s) Prerequisite: Study Skills I

Study Skills III (1 credit): Students will analyze content material, learning styles, and learning strategies to independently apply study skills beneficial in organizing, acquiring, retrieving, and generalizing content information. (Available only to students with current IEP’s)

Prerequisite: Study Skills II

Study Skills IV (1 credit): Students will analyze content material, learning styles, and learning strategies to independently apply study skills beneficial in organizing, acquiring, retrieving, and generalizing content information. (Available only to students with current IEP’s)

Prerequisite: Study Skills III

Tutorials (noncredit course): This course provides instruction in study skills, organizational techniques, and coping strategies, as well as tutorial assistance with other courses for students with current IEP’s (under 1508 guidelines) who are working toward a regular high school diploma.

### **SPEECH**

Speech I (1 credit): This is a survey course covering the basics of communication skills, public speaking, interviewing, group management skills, speech writing and discussion. An objective of the course is to build the student’s self-image and assist in his ability to communicate. (non-participation will result in a zero).

Speech I DE (H) (1 credit) (SELU COMM 211): Training in the organization of materials and the oral and physical aspects of delivery in various speaking situations. Intended to give the beginning student an understanding of and practice in public speaking. Prerequisite: SELU DE ELIGIBILITY REQUIREMENTS MUST BE MET TO ENROLL IN THE COURSE

### **THEATER**

Theater I (1 credit): This course incorporates the fundamentals of theater with actual experience in play production and emphasis on acting. Some after-school rehearsals are required (non-participation will result in a zero).

Theater II (1 credit): This course provides the study of all facets of the theater: make-up, lighting, acting. It culminates with an emphasis on character development. Some after-school rehearsals are required (non-participation will result in a zero). Prerequisite: A “C” or above in Theater I

Theater III (1 credit): This course provides advanced acting opportunities. Some after-school rehearsals are required (non-participation will result in a zero). Prerequisite: A “B” or above in Theater II

Theater IV (1 credit): This course provides advanced acting opportunities. This course is an extension of Theater III. Some after-school rehearsals are required (nonparticipation will result in a zero). Prerequisite: Theatre III & teacher recommendatio

### **OFF SITE COURSE OFFERINGS**

#### **DUTCHTOWN HS/STUDENT MUST HAVE TRANSPORTATION**

Emergency Medical Technician (taught on the campus of Dutchtown High School) 2 credits: Prerequisite: Emergency Medical Responder Certification (must complete an application) Description: This course is designed to instruct a student to the level of Emergency Medical Technician who serves as a vital link in the chain of the healthcare team. It is recognized that most of the prehospital emergency medical care will be provided by the EMT. This includes all skills necessary for the individual to provide emergency medical care at a basic life support level with an ambulance service or other specialized service. Specifically, after successful completion of the

program, the student will be capable of performing the following functions at the minimum entry level: Recognize the nature and seriousness of the patient's condition or extent of injuries to assess requirements for emergency medical care; Administer appropriate emergency medical care based on assessment findings of the patient's condition; Lift, move, position and otherwise handle the patient to minimize discomfort and prevent further injury; Perform safely and effectively the expectations of the job description. Students are given the option to complete an Emergency Medical Technician (EMT) licensure as recognized by the Bureau of Emergency Medical Services of Louisiana.

ProStart I (1 credit): Prerequisite: 11th or 12th grade, FOOD SCIENCE I & 2.0 GPA and must be paired with Prostart II. Selective admission based on application, interview, previous coursework, overall GPA and conduct record. The National Restaurant Association (NRA) developed this course to prepare students for careers in the hospitality/food service industry. All students will take the NRA test. Emphasis on obtaining skills for industry-based certification and internships and includes topics such as organization and management, professionalism, use of commercial equipment, proper sanitation and safety standards and essential math. Laboratory experiences include advanced food planning and preparation techniques. Critical thinking, mathematics and science are reinforced. Work-based learning strategies may include service learning, and field trips. School-based enterprises, internships, projects and FCCLA leadership activities provide opportunity for application of instructional competencies. In addition, all students enrolled will participate in the ServSafe Food Safety Manager Course. ServSafe prepares students for certification also by the National Restaurant Association (NRA). Completing this curriculum for food safety training will allow the student to act as Person-in-Charge for food facilities, schools, churches, etc. The course covers principles of food microbiology, food-borne diseases, standards, and measures for prevention of food-borne diseases.

ProStart II (1 credit): Prerequisite: ProStart I & 2.0 GPA Entry Level: 11<sup>th</sup> or 12th grade This course will further prepare students for careers in the hospitality and food service management industry. Students will complete a 400-hour internship by the end of the course. Topics of study include career preparation, history of the industry, lodging, tourism, the art of service, marketing, purchasing and inventory control, as well as advanced planning and food preparation techniques. Reinforcement of ProStart I skills, work-based learning, and application of instructional competencies continues in this course and includes the basics of food preparation, measuring techniques, and hands-on activities.

Culinary Internship (3 credits): Prerequisite: 12th grade, 2.0 GPA, must have previously taken or currently be paired with ProStart I/II and have satisfactory school attendance, disciplinary records, and instructor approval. Students apply food preparation techniques with emphasis on quantity foods, catering, and basic skills needed to be part of a professional food service team. Safety and sanitation standards expected of workers in the foodservice industry are covered and applied with an emphasis on the National Restaurant Association's ServSafe Curriculum. Students accepted into this course must provide their own transportation to their job in the restaurant and food service industry. This course is designed to provide students with on-the-job training in various establishments combined with classroom instruction. Emphasis is placed on the development of skills needed to be successful in a food service career. A minimum of 400 hours on-the-job internship is required for completion of this course. Students will be able to leave campus to go to work. Upon completion, the student will be able to receive the National Restaurant Association Education Foundation's ProStart Certificate of Achievement. Students will need to purchase a chef uniform and an apron. Course fee: \$25. STUDENTS APPLYING FOR PROSTART INTERNSHIP SHOULD NOT APPLY FOR GENERAL COOPERATIVE EDUCATION.

#### EAST ASCENSION HIGH SCHOOL/ STUDENT MUST HAVE TRANSPORTATION

Computer Electronics I (1 credit): This course prepares students for the CompTIA IT Fundamentals certification. Topics include repairing, building, and upgrading hardware, repairing, and upgrading laptops, repairing printers, installing, and troubleshooting operating systems, repairing, and troubleshooting mobile devices and introductory networking concepts. Students receive hands-on experience as in-house campus computer technicians. Prerequisite: passing score on Algebra LEAP 2025 test. ***This course is taught at East Ascension HS and students must provide their own transportation.***

Adv JavaScript, Programming, & Web Development (1 Credit):

Grade:10-12 Prerequisite: Fundamentals of HTML, CSS, and JavaScript and have successfully passed the level 1 certification for JavaScript. Continuing from Fundamentals of HTML, CSS, and JavaScript, this course dives deeply into advanced programming concepts, including jQuery, functional programming, higher order functions. This course covers advanced programming concepts widely utilized in the software industry. Students will have the opportunity to earn an Industry Based Certification (IBC) in – Fundamentals of JavaScript, Functional Programming and Web Development (Level 2).

CTE Internship I – Info. Technology (taught at the Technology Center of Excellence located on the campus of East Ascension High in the Fall) Grade 12 (Students must apply)1 Credit

Prerequisites: Positive academic, disciplinary, and attendance record; teacher recommendations

Description: A CTE Internship allows for additional development of career and technical competencies within a general career field. Internships allow students to observe and participate in daily operations, develop direct contact with job personnel, ask questions about careers, and perform certain job tasks. This activity is exploratory and allows the student to get hands-on experience in several related activities. Internships provide students the opportunity to:

- observe the world of work and develop necessary workplace skills
- earn credit outside the classroom
- experience work in a chosen career field
- explore career options
- learn work terminology, work climate, and business/industry protocol
- develop skills in a chosen career field

CTE Internship II – Info. Technology (taught at the Technology Center of Excellence located on the campus of East Ascension High in the Spring) (CTE Internship I is not a prerequisite.) Grade 12 (Students must apply) 1 Credit

Prerequisites: Positive academic, disciplinary, and attendance record; teacher recommendations

Description: CTE Internship II is a continuation of CTE I. Internships provide students the opportunity to:

- observe the world of work and develop necessary workplace skills
- earn credit outside the classroom

- experience work in a chosen career field
- explore career options
- learn work terminology, work climate, and business/industry protocol
- develop skills in a chosen career field

Pharmacy Technician Certification Preparation Course (2 Credits) (Taught one block all year at East Ascension HS) Prerequisites: Application process and committee approval, Comfortable discussing sensitive topics with people; 2.5 cumulative GPA prior to entering CPhT Program; Grade of "C" or higher in Chemistry; Grade of "C" or higher in Algebra II; Teacher Recommendation; 12<sup>TH</sup> GRADE ONLY. This course is an engaging and comprehensive program designed for high school juniors and seniors interested in pursuing a career in healthcare. This course provides foundational knowledge and practical skills necessary to begin a rewarding journey in pharmacy services and prepare for the national Pharmacy Technician Certification Exam (PTCE). Upon completion of this course, students will be eligible to take the PTCE, earning their Certified Pharmacy Technician (CPhT) credential, an essential first step for entering the pharmacy field.

#### **PRAIRIEVILLE HIGH SCHOOL**

Criminal Justice I – 1 Credit - Grades 11-12 (taught one semester at the Criminal Justice Center of Excellence housed at Prairieville High School)

This course provides introductory training exposing students to the concepts and skills to work successfully in a public safety communication center, an essential component of the American justice system. Students will learn about the problems that plague society, communication techniques, disaster readiness, legal concerns, stress management, and the basic standard practices of police, fire, and emergency medical response. Students will have an opportunity to earn a 9-1-1 Dispatcher certification and gain insight into an essential profession.

#### **ASCENSION PARISH CAREER CENTER SORRENTO**

Air Conditioning/Refrigeration (HVAC): Grades 11<sup>TH</sup>-12<sup>TH</sup> (2 Credit Elective) Students can earn HVAC Excellence Certification.

Description: This course is an introduction to electrical concepts and theories as applied to the air conditioning industry. Topics include: AC and DC theory; ohms law; electric meters; electric diagrams; distribution systems; electrical panels; voltage circuits; code requirements; and safety. Includes basic safety and health, inventory control, stock management, vehicle maintenance, licensure, certification requirements, and basic business management practices. Provides instruction in identifying, installing, and testing commonly used components in an air conditioning system. Continues the development of skills and knowledge necessary for application and service of electric motors commonly used by the refrigeration and air conditioning industry. Provides instruction on wiring various types of air conditioning systems. Provides the student with the skills and knowledge to install, repair, and service major components of a refrigeration system.

COSMETOLOGY I (1.0 CREDIT): Grades 11<sup>th</sup>-12<sup>th</sup> This course provides students with a comprehensive exploration of the diverse and creative realm of beauty and personal care. Covering fundamental aspects of cosmetology, the curriculum encompasses the history and ethical considerations of the profession, hair care and styling techniques, and essential skills in salon business and professional development. Students engage in hands-on practical experience within a salon environment. The course prepares students for potential careers in cosmetology and hairstyling, and related fields.

Principles of Engineering - Drone Flight Grade 11-12 (1 Credit Elective): This course is designed to allow for preparation to take the industry standard certification in UAS piloting. The "FAA 107" exam is a certification that will certify your student as a licensed pilot with all rights and privileges. The test is given through an outside certifying agency associated with the Federal Aviation Administration. Theories, flight, laws, regulations, and safety protocol will be covered throughout this class with emphasis on the "FAA 107" test and learning to fly multiple types of Unmanned Aerial Systems. The course is taught off campus at the Ascension Parish Career Center.

PTEC 1010- Introduction to Process Technology (1 credit) This course introduces the student to the field of process operations within the process industry. It reviews the roles and responsibilities of the Process Technician. It is worth 3 credit hours of college credit at RPCC, and is one of the foundational courses in our Process Technology Program. 11<sup>th</sup> and 12<sup>th</sup> Grade students only.

PTEC 2030 - Plant Safety (1 credit): This course provides a general overview of various types of plant hazards, safety and environmental systems and equipment, and the regulations under which plants are governed and operated. It is a 3-credit college course at RPCC. 11<sup>TH</sup> AND 12<sup>TH</sup> Grade students only Prerequisite: PTEC 1010

#### **BATON ROUGE COMMUNITY COLLEGE AUTOMOTIVE CENTER**

Automotive I - This course is taught at the BRCC Automotive Center (2 blocks - full year). Acceptance is based on an application process. Prerequisite: Grade 12 Topics include the hazards encountered in automotive, diesel heavy truck, and collision repair/auto body repair shop environments. Additionally, it provides an overview of career professionalism and the opportunity to practice tasks that are necessary for beginning automotive and medium/heavy truck service technicians. It also introduces hand tool usage, steps for engine oil changes, tire rotations and balancing, new vehicle prep, and used vehicle inspections. Since this is a dual-enrolled class, the student's grade remains on their official college transcript. Transportation: TBD 11<sup>th</sup>-12<sup>TH</sup> GRADE ONLY

#### **ASSOCIATED BUILDERS AND CONTRACTORS FACILITY/BATON ROUGE**

Associated Builders and Contractors School: (2 credits each semester) Prerequisites: 11<sup>th</sup> –12<sup>th</sup> grade and approved application. Programs available: Electrical, Millwright, Pipefitting, and Welding. See your counselor, career coach, graduation coach or Angela Boudreaux (assistant principal) for details. Students must apply and participate in an interview. Transportation is provided.

#### **PRAIRIEVILLE FIRE DEPARTMENT**

Firefighter I and II: 2 Credits (1 credit each semester; this course is 3rd and 4th block for the full year) GRADE 12 ONLY

Prerequisite: Students must have EMR certification to apply for course (There is an application process and students must be selected); The Basic Firefighter course will prepare students for a career in firefighting. Areas of study will include firefighter safety, fire behavior, personal protective equipment, self-contained breathing apparatus, fire extinguishers, building services, forcible entry, ground ladders, ventilation, hose practices, control of flammable liquids fire and a liquid petroleum gas cylinder, preserve evidence, complete a fire report, test fire hose, maintain equipment, awareness of hazardous materials, and perform vehicle extrication. All demonstrations and prop designs are controlled and protected by the State Agency. Students are constantly monitored at all times and fully protected with the appropriate PPE. **This course will be held at the Prairieville Fire Department and students must have their own transportation. Students will earn an Industry based credential: IFSAC Firefighter I; II**

**APPENDIX OF ADDITIONAL RESOURCES  
PAGES 16-21**

**HIGH SCHOOL GRADUATION REQUIREMENTS**

- TOPS UNIVERSITY DIPLOMA
- JUMP START TOPS TECH DIPLOMA
- JUMPSTART 2.0 CAREER PATHWAYS COHORT 2025 AND BEYOND

**TOPS UNIVERSITY COURSE SEQUENCING RECOMMENDATIONS**

- ENGLISH
- MATH
- SCIENCE
- SOCIAL STUDIES

**JUMPSTART TOPS TECH COURSE SEQUENCING RECOMMENDATIONS**

- ENGLISH
- MATH
- SCIENCE
- SOCIAL STUDIES

**STANDARDIZED TESTS**

- LEAP 2025
- ACT
- PRE-ACT
- WORKKEYS
- AP TESTING
- CLEP
- PSAT/NMSQT
- SAT
- ASVAB

**NCAA ELIGIBILITY REQUIREMENTS**

- DIVISION I
- DIVISION II
- DIVISION III

**HIGH SCHOOL GRADUATION REQUIREMENTS  
Effective for Incoming Freshmen 2014 and Beyond  
All incoming freshmen will enter on the TOPS University Diploma.**

TOPS University Diploma	
Degree Earned:	Standard High School Diploma
Course Requirements:	Must earn 24 Units

English:	4 Units: - English I, II, III, IV
Math:	4 Units: - Algebra I - Geometry - Algebra II - 1 Unit from: Algebra III, Algebra III DE, Adv. Math—Pre-Calculus, Calculus AP
Science:	4 Units: - Biology - Chemistry - 2 Units from: Physical Science, Physics I, Biology II, Chemistry II, Earth Science, Environmental Science or Environmental Science AP, Agriscience II, Principles of Engineering.
Social Studies:	4 Units: - U. S. History - 1 Unit Civics or AP Am Government and Politics - 2 Units from: Western Civilization (or AP European History); World Geography (or AP Human Geography); or World History; or African-American Studies
Additional Requirements:	- ½ Unit Health - 1 ½ Units PE or JROTC - 1 Unit Art: Fine Arts Survey or 1 Unit Visual Arts, Performing Arts, or Applied Arts - 2 Required Electives: 2 Foreign language courses in the same language - Financial Literacy Course (beginning with the Class of 2028) - 3 Units Electives
LEAP 2025 Requirements:	Pass an English and a Math plus pass either Biology or US History component of LEAP 2025 exams; Civics for c/0 2028

### JUMP START TOPS TECH DIPLOMA

The Career Diploma is considered a standard high school diploma. A student will complete a regionally-designed, district-implemented series of Career and Technical Jump Start coursework and workplace-based learning experiences leading to a statewide or regional Jump Start credential (Regional credential requires 2 add-on credentials). Credentials must be earned to graduate. The Career Diploma meets the entrance requirements for technical and community colleges. It is not designed to meet the requirements for a four-year college or TOPS University scholarship.

**Freshman entering in 2021-2022 & beyond will be on the Jumpstart 2.0 graduation pathway if they opt to the Jumpstart diploma.**

Jump Start TOPS Tech Diploma Curriculum	
Degree Earned:	Standard High School Diploma
Course Requirements:	Must earn 23 Units
English:	4 Units Required: -English I and English II -2 units come from other English courses: English III, English IV, Business English, Technical Writing
Math:	4 Units Required: -One of the following: Algebra I (1 unit) or Algebra I - Pt. 1 & Algebra I - Pt. 2 -3 units from the following: Geometry, Math Essentials, Financial Literacy (formerly Financial Math), Business Math, Algebra II, Algebra III, Advanced Math-Pre-Calculus
Science:	2 Units: - Biology - 1 Unit from the following: Biology II, Chemistry I, Earth Science, Environmental Science, Physical Science
Social Studies:	2 Units: - U. S. History - Civics
Jump Start Courses:	-9 credits required in a Jump Start Pathway leading to a statewide or regional Jump Start credential (Regional credential requires 2 add-on certificates)
LEAP 2025 requirements:	Pass an English and a Math plus pass either Biology or US History, Civics c/o 2028 component of LEAP 2025 exams

### ST AMANT HIGH SCHOOL JUMP START 2.0 CAREER PATHWAYS COHORT 2025 & BEYOND

Agriculture, Food and Natural Resources
Architecture and Construction
Arts, AV, Technology and Communication

Business Management
Health Sciences
Hospitality and Tourism
Human Services
Information Technology
Law, Public Safety, Corrections and Security
Manufacturing
Transportation, Distribution, and Logistics

All students who plan to graduate with a Career Diploma must pick a Jump Start Pathway, earn 9 credits within the pathway, and earn either a State or Emerging Jump Start Credential

### TOPS University English Sequencing

Except where indicated otherwise, English classes after 10<sup>th</sup> grade English may be taken in any order. Students must successfully complete English I-IV to graduate with a TOPS University diploma. The table below shows English course availability based on grade level. Recommendations for courses after 10<sup>th</sup> grade are based on college majors and are included in the table below.

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
English I	English II	English III	English IV
English I (H)	English II Pre-AP	English III AP (Language)	English IV AP (Literature)
		English 101 DE	English 102 DE
		ACT Prep	ACT Prep/College Readiness*

English Majors: Students who intend to major in English are recommended to take English I (H), English II Pre-AP, English III AP or English III DE 101, and English IV AP or English DE 102.

Humanities and Social Science Majors: Students who intend to go pursue a degree in: history, psychology, sociology, foreign language, liberal arts, political science, geography, and anthropology are recommended to take English I or English I (H), English II or English II PreAP, English III or English III AP, and English IV, English IV AP or English 101 DE and English 102 DE.

Non-English Majors: Students who intend to major in something other than English are recommended to take English I, English II, English III, English IV or English 101 DE and English 102 DE. \*These courses are electives and are to be taken in ADDITION to the English course at this level.

### Jumpstart English Sequencing

English classes 9th- 12th grades **must be taken in this specific order**. The table below shows English course availability based on grade level. Recommendations for courses after 10<sup>th</sup> grade are based on state and district requirements for graduation.

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
English I	English II	Business English	Technical Writing
		ACT Prep*	Speech I*
		Speech I*	Speech II*

### Technical and Non-Technical Careers:

Students who intend to pursue a technical or non-technical career must successfully complete English I, English II, Business English, and Technical Writing.

### TOPS University Math Sequencing

Students must take Algebra II prior to taking Advanced Math PC or Algebra III. Students must take Algebra I, Geometry, and Algebra II to graduate with a TOPS University diploma. The table below shows math course availability based on grade level.

9th Grade	10th Grade	11th Grade	12th Grade
Algebra I	Geometry	Algebra II or Algebra II H	Algebra III or Algebra III DE H
Algebra I H	Geometry H/Algebra II H	Advanced Math PC or AP PreCalculus	Advanced Math PC OR AP PreCalculus
Geometry H	Algebra II H	Algebra III or Algebra III DE H	Calculus AP
		Algebra III DE H and Trigonometry DE H	Calculus BC
			Statistics DE H****
			Trigonometry DE H****

\*DE courses require a qualifying ACT or PreACT score

\*\*Algebra II must be taken before Advanced Math PC or AP PreCalculus

\*\*\*AP courses have a minimum \$93 fee/\$50 for free/reduced lunch eligible students

\*\*\*\*Prerequisite DE Math course is required for enrollment

**School policy dictates that a senior must take a math course. According to Pupil Progression, to be classified as a senior, a student must complete 3 math courses in their selected graduated pathway.**

Engineering, Medical, Science or Mathematics Majors:

Students who intend to major in any field of engineering, science or math are recommended to take Adv Math PC or AP PreCalculus or to double up during junior year by taking Algebra III (DE) and Trigonometry DE followed by AP Calculus or Algebra III (DE) followed by Statistics DE or Trigonometry DE after completing the required courses of Algebra, Geometry and Algebra II.

Non-Science/Math Majors and Humanities:

Students who intend to major in something other than science are recommended to take Algebra II and Algebra III or Algebra III (DE)/Trigonometry (DE) (which could complete college math requirements)

**Jumpstart Math Sequencing**

Students must take Algebra I plus at least three additional math credits to graduate with a Jumpstart diploma.

9th Grade	10th Grade	11th Grade	12th Grade
Algebra I	Geometry (2027 COHORT AND BEYOND)	Math Essentials	Financial Literacy
Algebra I	Math Essentials	Financial Literacy	Business Math

Technical Careers: Students who intend to go into a technical career that requires math or data interpretation are recommended to take *Geometry*

Non-Technical Careers: Students who intend to go into a career that is not math-intensive are recommended to take *Business Math and Financial Literacy*

**TOPS University Science Sequencing**

Except where indicated otherwise, science classes after 9<sup>th</sup> grade biology may be taken in any order. Students are required to take biology and chemistry plus at least two additional science credits to graduate with a TOPS University diploma. The table below shows science course availability based on grade level. In addition to the options listed, Agriscience I plus Agriscience II may combine for one science credit. Recommendations for courses after 9<sup>th</sup> grade based on college major are included below the table.

9th Grade	10th Grade	11th Grade	12th Grade
Biology	Biology II (Anatomy and Physiology)	Biology II	Biology II
Biology (H)	Biology II (H)	Biology II (H)	Biology II (H)
	Chemistry (H)	Biology II DE* H	Biology II DE*H
	Environmental Science	Chemistry** or Chemistry H	Chemistry** OR Chemistry H
	Environmental Science AP	Chemistry II AP***	Chemistry II AP***
	Physical Science	Chemistry (H)	Environmental Science or AP
		Environmental Science or AP	Physics H
		Physics H	AP Physics C

		AP Physics C	
		Physical Science	

\*Biology II DE requires a qualifying ACT or PreACT score

\*\*Physical Science must be taken before Chemistry (academic)

\*\*\*Chemistry H strongly recommended before Chemistry AP; AP courses have a minimum \$93 fee/\$50 for free/reduced lunch eligible students.

Engineering or Physical Sciences Majors: Students who intend to major in any field of engineering, physics, or chemistry are recommended to take *Chemistry H plus AP Chemistry II, AP Physics C, and AP Calculus.*

Medical or Life Sciences Majors: Students who intend to go to medical school are recommended to take *Biology II (H), Biology II DE, Chemistry (H) plus Chemistry II AP, AP Physics C, and AP Calculus.* Students who intend to major in nursing, veterinary science, sports medicine, biology, or another life science are recommended to take *Biology II (academic or H), Biology II DE, Physics (academic, Honors or AP), and Chemistry H or Physical Science and Chemistry.*

Environmental or Interdisciplinary Science Majors: Students who intend to major in environmental science or engineering, coastal science, petroleum or natural resource management, geology, meteorology, ecology, landscape architecture, or plant and soil science are recommended to take *AP Environmental Science plus at least Chemistry H and Chemistry II AP or Physical Science and Chemistry or Chemistry H and one additional science credit.*

Undecided and/or Non-Science Majors: Students interested in science but undecided on a major are recommended to take *Chemistry H plus at least two of Biology II (academic or H), Biology II DE, AP Chemistry II, AP Environmental Science, and AP Physics C.* Non-Science Majors: Students who intend to major in something other than science are recommended to take *Physical Science or Chemistry (H) plus Biology II (academic, H, or DE) or Environmental Science (academic or AP).*

### Jumpstart Science Sequencing

Except where indicated otherwise, science classes after 9<sup>th</sup> grade biology may be taken in any order. Students must take biology plus at least one additional science credits to graduate with a Jumpstart diploma. Agriscience I plus Agriscience II combine for one science credit. \*Agriscience II must be taken after Agriscience I

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
Biology	Agriscience I	Agriscience I	Agriscience I
Environmental Science 9	Agriscience II*	Agriscience II*	Agriscience II*
	Environmental Science	Environmental Science	Environmental Science
	Physical Science	Physical Science	Physical Science
		Biology II	Biology II

Technical Careers: Students who intend to go into a technical career that requires math or data interpretation are recommended to take *physical science.*

Non-Technical Careers: Students who intend to go into a career that is not math-intensive are recommended to take *Environmental Science or Agriscience.*

### TOPS UNIVERSITY SOCIAL STUDIES SEQUENCING

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
WORLD GEOGRAPHY	AFRICAN AMERICAN STUDIES or AP AA STUDIES	US HISTORY	CIVICS
AP HUMAN GEOGRAPHY	WORLD HISTORY	US HISTORY H OR DE H	GOVT AND POLITICS AP
	AP EUROPEAN HISTORY		
9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
	<i>LAW STUDIES</i>	<i>AFRICAN AMERICAN STUDIES OR AP AA STUDIES</i>	<i>AFRICAN AMERICAN STUDIES OR AP AA STUDIES</i>
	<i>PSYCHOLOGY</i>	<i>LAW STUDIES</i>	<i>LAW STUDIES</i>
	<i>SOCIOLOGY</i>	<i>PSYCHOLOGY</i>	<i>PSYCHOLOGY</i>
		<i>PSYCHOLOGY DE H</i>	<i>PSYCHOLOGY DE H</i>
		<i>SOCIOLOGY</i>	<i>SOCIOLOGY</i>

Social Studies electives in italics can be taken in any sequence after the 9<sup>th</sup> grade year. Dual Enrollment courses require a qualifying ACT or PreACT score. AP Courses have a minimum fee of \$93.00/\$50.00 for free/reduced lunch eligible students. CLEP testing for college credit is available in several of the courses above.

### JUMPSTART SOCIAL STUDIES SEQUENCING

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
PATHWAY ELECTIVE	CIVICS	US HISTORY	
		US HISTORY H	
	<i>LAW STUDIES</i>	<i>LAW STUDIES</i>	<i>LAW STUDIES</i>
	<i>PSYCHOLOGY</i>	<i>PSYCHOLOGY</i>	<i>PSYCHOLOGY</i>
	<i>SOCIOLOGY</i>	<i>SOCIOLOGY</i>	<i>SOCIOLOGY</i>

Freshmen on the Jumpstart diploma do not take a social studies elective during their initial year of high school. An elective from their selected pathway is typically chosen. Jumpstart diploma students must take Civics and US History in the order listed above. Italicized electives can be taken in any sequence and may count in a student's selected pathway.

## STANDARDIZED TESTS

### LEAP 2025

High school students take the LEAP 2025 assessments in six subjects: Algebra I, Geometry, English I, English II, Biology and U.S. History. Student scores are categorized into the following achievement levels on the Algebra I, Geometry, English I and English II LEAP 2025 tests. LEAP 2025 assessments comprise between 15% of the student's final grade. *\*This percentage is subject to change based on decisions made at the state level.* To earn a standard high school diploma, students must earn a score of approaching basic or above on three LEAP 2025 tests, including one in each category– Algebra I or Geometry, English I or II, and Biology or U.S. History. Students who earn a score of unsatisfactory must receive 30 hours of remediation in the course and are eligible to retake the test at the next administration.

- **Advanced:** Students performing at this level have exceeded college and career readiness expectations and are well prepared for the next level of studies in this content area.
- **Mastery:** Students performing at this level have met college and career readiness expectations and are prepared for the next level of studies in this content area.
- **Basic:** Students performing at this level have nearly met college and career readiness expectations and may need additional support to be fully prepared for the next level of studies in this content area.
- **Approaching Basic:** Students performing at this level have partially met college and career readiness expectations and will need much support to be prepared for the next level of studies in this content area.
- **Unsatisfactory:** Students performing at this level have not yet met the college and career readiness expectations and will need extensive support to be prepared for the next level of studies in this content area.

**PRE-ACT** Each year millions of high school juniors and seniors take the ACT® test to gain insights into their college and career readiness. PreACT®, targeted to grades 9-10, gives students practice with the ACT and empowers them, their parents, and educators with these valuable insights even sooner. The PreACT test provides students with practice for the ACT test and measures of progress towards college readiness.

**ACT** The ACT (American College Test) is America's most widely accepted college entrance exam. It measures high school students' general educational development and college readiness. The ACT assesses four core academic areas - English, Math, Reading and Science. This test is scored on a scale of 0-36. ACT Benchmark scores are strong predictors of student achievement and success in college. ACT scores can also be used by students to qualify for dual enrollment courses. All juniors are required to take the ACT on the state-mandated testing date during the spring semester.

**WORKKEYS** WorkKeys is a career-readiness assessment measuring reading, math, and locating information as a way to build an understanding of how to improve skills and increase prospects for securing high-demand, high-wage jobs in today's 21st century workplace. Starting in spring 2015, the state will fund the WorkKeys exam for all students on a Jump Start pathway pursuing a Jump Start TOPS TECH Career Diploma

**AP** Through college-level Advanced Placement courses, students enter a universe of knowledge that might otherwise remain unexplored in high school. Through AP exams, students can earn credit or advanced standing at most of the nation's colleges and universities.  
Fee: \$93 MINIMUM/\$50 for free/reduced lunch eligible students

**CLEP** The College Level Examination Program is a group of standardized tests created and administered by College Board. Students can earn college credit in up to 36 college areas. There are about 2,900 colleges which grant CLEP credit. Each institution awards credit to students who meet the college's minimum qualifying score for that exam, which is typically 50 to 60 out of a possible 80 but varies by site and exam. COST: \$95.00

**PSAT/NMSQT** The PSAT/NMSQT is the official route of entry to the National Merit Scholarship Program. Scores from the PSAT/NMSQT and are used by several organizations to identify candidates for their awards or recognition programs. Students who take the SAT, the PSAT/NMSQT can opt into Student Search Service, making their names and information available to scholarship programs as well as colleges. The PSAT is broken into two testing opportunities, PSAT/NMSQT for 10<sup>th</sup> and 11<sup>th</sup> graders. The PSAT/NMSQT is the official qualifying assessment for the National Merit Scholarship. The test is administered at St. Amant High School on the national date in October.

**SAT** The SAT reasoning test measures the critical thinking skills needed for academic success in college. The SAT assesses how well students analyze and solve problems. The test is typically taken by high school juniors and seniors. To register, visit [www.collegeboard.com](http://www.collegeboard.com)

**ASVAB** The ASVAB Career Exploration Program is intended for use with students in the 11<sup>th</sup> and 12<sup>th</sup> grades. The program provides tools, including the test battery and interest inventory, developed by the Department of Defense to help high school students learn more about career exploration and planning. Results of the aptitude test and the interest inventory enable students to evaluate their skills, estimate performance in academic and vocational endeavors, and identify potentially satisfying careers. These results are integrated with work values to help students identify and prioritize possible career choices.

### **NCAA Eligibility Requirements**

**(Prospective college athletes must submit ACT scores and register with NCAA Clearinghouse during the Junior year)**

#### **Division 1**

If you enroll in a Division 1 college and want to participate in athletics or receive an athletics scholarship during your first year, you must:

- Graduate from high school,
- Complete these 16 core courses (effective August 1, 2015: ten required courses must be completed prior to the senior year and are "locked in" and cannot be repeated to increase gpa and seven of the ten must be in English, math or natural/physical science:
  - 4 years of English
  - 3 years of math (algebra 1 or higher)
  - 2 years of natural or physical science (including one year of lab science if offered by your high school)
  - 1 extra year of English, math, or natural or physical science
  - 2 years of social science
  - 4 years of extra core courses (from any category above, or foreign language, non-doctrinal religion or philosophy);
- Earn a minimum required grade-point average in your core courses (effective August 1, 2015: must have a minimum core-course GPA of 2.3); **and**
- Earn a combined SAT or ACT sum score that matches your core-course grade-point average and test score sliding scale (which is available at [WWW.ELIGIBILITYCENTER.ORG](http://WWW.ELIGIBILITYCENTER.ORG))
- NOTE: A complete "List of Approved Core Courses" for St. Amant High (School Code 192-601) is available on the Prospective Student Athlete link of [www.eligibilitycenter.org](http://www.eligibilitycenter.org).
- All SAT and ACT scores must be reported directly to the NCAA Initial-Eligibility Clearinghouse by the testing agency. Test scores that appear on transcripts will no longer be used. When registering for the SAT or ACT, use the clearinghouse code of 9999 to make sure the score is reported

#### **Division II**

If you enroll in a Division II college and want to participate in athletics or receive an athletics scholarship during your first year, you must:

- Graduate from high school,
- Complete these 16 core courses:
  - 3 years of English
  - 2 years of math (algebra 1 or higher)
  - 2 years of natural or physical science (including one year of lab science if offered by your high school)
  - 3 extra years of English, math or natural or physical science
  - 2 years of social science
  - 4 years of extra core courses (from any category above, or foreign language, non-doctrinal religion or philosophy)
- Earn a 2.000 grade-point average or better in your core courses: **and**
- Earn a combined SAT score of 820 (on the verbal and math sections only) or an ACT sum score of 68 (not including the writing section). There is no sliding scale in Division II.
- NOTE: A complete "List of Approved Core Courses" for St. Amant High (School Code 192-601) is available on the Prospective Student Athlete link of [www.eligibilitycenter.org](http://www.eligibilitycenter.org)
- All SAT and ACT scores must be reported directly to the NCAA Initial-Eligibility Clearinghouse by the testing agency. Test scores that appear on transcripts will no longer be used. When registering for the SAT or ACT, use the clearinghouse code of 9999 to make sure the score is reported.

#### **Division III**

- Division III does not use the NCAA Initial-Eligibility Clearinghouse. Contact the Division III college regarding its policies on financial aid, practice, and competition.