

# Salmen High School

## Course Curriculum Guide 2020-2021



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2020-2021  
**Scheduling Information**

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## Career and Technical Education Compliance Notice

Career and Technical Education courses are available at all STPPS secondary sites and are open to all students. STPPS adheres to the equal opportunity provisions of federal and civil rights laws and does not discriminate on the basis of race, color, national origin, religion, age, sex, sexual orientation, marital status, or disability. The Title IX and Title II Coordinator is Mike Cossé, 321 N Theard Street Covington, La. 70433; phone (985) 892-2276; email [Michael.Cosse@stpsb.org](mailto:Michael.Cosse@stpsb.org)

The 504 Coordinator is Cara Barry, 321 N Theard Street Covington, La. 70433; phone (985) 898-3309; email [Cara.Barry@stpsb.org](mailto:Cara.Barry@stpsb.org)

All students have the opportunity to participate in Career & Technical Programs of Study including, but not limited to, areas of Health Care, Construction Crafts & Trades, IT Computer Technology, Culinary Programs, and Agriculture. Admission requirements for each course can be found in the student course guide/schedule packet of the individual campus where the course is being offered. Please contact the guidance counselor at the specific school site for additional information, program requirements and/or any questions you may have.

### Notificación Pública

Cursos de carrera y educación técnica están disponibles en todos los sitios secundarios de STPPS y están abiertos a todos los estudiantes. STPPS se adhiere a las disposiciones de igualdad de oportunidades de las leyes federales y los derechos civiles y no discrimina por raza, color, origen nacional, religión, edad, sexo, orientación sexual, estado civil o discapacidad. La coordinadora del programa de Title IX and Title II es Mike Cossé, 321 N Theard Street Covington, La. 70433; teléfono (985) 892-2276; correo electrónico [Michael.Cosse@stpsb.org](mailto:Michael.Cosse@stpsb.org)

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Todos los estudiantes tienen la oportunidad de participar en los programas de carrera y de estudio técnico, incluyendo pero no limitado a, las áreas de salud, artes y oficios de construcción, IT Tecnología de computadoras, programas culinarios y la agricultura.

Requisitos de admisión para cada curso pueden encontrarse en el paquete de guía/calendario del curso de la escuela donde se ofrece el curso. Póngase en contacto con el consejero de la escuela para obtener información adicional, los requisitos del programa o cualquier duda que tenga.

### Thông Báo Hàng Năm

Các khoá học Giáo Dục Nghề Nghiệp và Kỹ Thuật diễn ra ở các địa điểm hai của STPPS và dành cho tất cả học sinh. STPPS tuân thủ theo các quy định về cơ hội bình đẳng của luật liên bang và quyền dân sự và không phân biệt đối xử trên cơ sở chủng tộc, màu da, nguồn gốc quốc gia, tôn giáo, tuổi tác, giới tính, khuynh hướng giới tính, tình trạng hôn nhân, hoặc khuyết tật. Điều phối viên Điều IX và Điều II là Mike Cossé, 321 N Theard Street Covington, La. 70433; điện thoại (985) 892-2276; email [Michael.Cosse@stpsb.org](mailto:Michael.Cosse@stpsb.org)

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Tất cả học sinh có cơ hội tham gia Chương Trình Học Nghề Nghiệp và Kỹ Thuật bao gồm nhưng không giới hạn các lĩnh vực như Chăm Sóc Sức Khỏe, Xây Dựng & Ngoại Thương, IT Công nghệ máy tính, Chương Trình Âm Thực, và Nông nghiệp. Yêu cầu cho mỗi khoá học có thể tìm thấy ở hồ sơ hướng dẫn khoá học và thời khoá biểu cho học sinh tại các trường tổ chức lớp học. Vui lòng liên hệ nhân viên tư vấn hướng dẫn tại các địa điểm trường học cụ thể để biết thêm chi tiết, yêu cầu chương trình và/hoặc các thắc mắc của bạn.

## **INTRODUCTION**

The purpose of this guide is to help students and their parents make better decisions concerning their high school courses based on graduation requirements, TOPS requirements, and Academic and Career/Technical Endorsements. Though school personnel will attempt to locate and correct any errors, it is the **parents' and students' responsibility** to select the courses, keep copies of records and plan their schedule to meet all the requirements needed. Seven (7) courses and three (3) alternates must be selected. If one of the courses is not scheduled, one of the alternates will be scheduled. ALL courses should be carefully chosen.

## **POLICY STATEMENT**

It is the policy of Salmen High School not to discriminate in its educational programs or activities on basis of sex (Title IX of the Educational Amendments of 1972), race, color, religions, disability (Section 504 of the Rehabilitation Act of 1973), or national origin (Title VVI of the Civil Rights Act of 1964). All courses offered at this school are open to both males and females, and no distinction based on gender is made in the placement of students in courses.

## **ANNUAL PUBLIC NOTIFICATION 2020-2021**

St. Tammany Parish Public High Schools have begun scheduling courses for the 2020-2021 school year. Career and Technical Education courses are available at all STPPS secondary sites and are open to all students. STPPS adheres to the equal opportunity provisions of federal and civil rights laws and does not discriminate on the basis of race, color, national origin, religion, age, sex, sexual orientation, marital status, or disability. The Title IX and Title II Coordinator is Terry Meyer, 321 N Theard Street Covington, La. 70433; phone (985) 898-3236; email [Terry.Meyer@stpsb.org](mailto:Terry.Meyer@stpsb.org). The 504 Coordinator is Cara Barry, 706 W 28<sup>th</sup> Avenue Covington, La. 70433; phone (985) 898-3309; email [Cara.Barry@stpsb.org](mailto:Cara.Barry@stpsb.org) All students have the opportunity to participate in Career & Technical Programs of Study including, but not limited to, areas of Health Care, Construction Crafts & Trades, IT Computer Technology, Culinary Programs, and Agriculture. Admission requirements for each course can be found in the student course guide/schedule packet of the individual campus where the course is being offered. Please contact the guidance counselor at the specific school site for additional information, program requirements, and/or any questions you may have.

## **ADVANCED PLACEMENT (AP)**

Advanced placement courses are college level courses offered in the high school for qualified students. Students who enroll in an AP course are required to take the comprehensive AP Exam near the end of the course and are responsible for the cost of the AP exam. The score reported on the examination and each college's policy regarding AP will determine whether college credit will be granted for the work.

## **END OF COURSE (EOC)/LEAP 2025**

All public high school students will be required to take the state End of Course (EOC) tests. The tests will include the subject areas of English I, II and III, Algebra I, Geometry, Biology and American History. This requirement is in addition to the required number of Carnegie Units.

## **PLACEMENT IN COURSES**

Placement in courses is determined by student ability and teacher recommendation. Student ability is determined by results of standardized testing, criterion-referenced tests, placement tests, and past academic achievement. SHS operates on a seven period day. Classes will be scheduled for the year.

## **SCHEDULE CHANGES**

A considerable amount of time, effort, and funds are devoted to the registration process. It is essential that students think seriously about a particular subject before scheduling. A student will not be allowed to shuttle between teachers and courses once he/she has been placed in a course. The administration plans for the next school year based on the subjects selected now. Students cannot change subjects unless one of the following change criterions is met:

1. Incorrect placement
2. Meeting graduation requirements
3. Balancing classes by SHS administration

## **SENIORS**

Seniors are required to attend a minimum of five (5) credit classes per day per semester. Five hours are required for a student to be eligible for the honor roll. Taking less than seven units may negatively affect a senior's class rank and GPA. 19 credits upon completion of junior year are required to qualify for short day. Students participating on a Varsity sport team may not have short day. Students with short day must have transportation immediately following the last scheduled class.

## **SENIOR PROJECTS**

A senior project is a focused, rigorous independent learning experience and must be completed during the student's year of projected graduation from high school. Each student must choose a challenging topic of interest approved by a parent or guardian and the school-level English teacher. Each student must have a Senior Project mentor. Two requirements are:

- Research paper of 8-10 pages on an approved topic of the student's choice;
- Presentation to a panel of 3-5 adults from the community and school.

## **TOPS AWARDS**

Louisiana Taylor Opportunity Program for Students (TOPS) is a comprehensive program of state scholarships. High school seniors must submit the Free Application for Federal Student Aid (FAFSA) that corresponds to the year they plan to enroll in a post-secondary school to apply for all TOPS awards. Additional TOPS information is available on the LOSFA website ([www.osfa.state.la.us](http://www.osfa.state.la.us)). It is the parent/student responsibility to ensure that students are enrolled in courses meeting TOPS Awards requirements.

## **UNITS REQUIRED FOR EACH GRADE**

The Louisiana State Department of Education graduation requires 24 credits. The number of credits to progress to the next grade will be as follows:

Sophomore.....5 units  
Junior.....11 units  
Senior.....17 units  
Graduate.....24 units

## **WEIGHTED GRADE POLICY**

Students enrolled in designated honors, gifted, and Advanced Placement courses will receive an extra quality point. A=5, B=4, C=3, D=1, and F=0. Visit [www.louisianabeleives.org](http://www.louisianabeleives.org) for the full list of weighted courses.

## **DUAL ENROLLMENT**

Dual enrollment is a program that provides eligible high school students the opportunity to earn college credit while taking classes in high school. The credits that students earn will be eligible towards both a high school diploma and college credit. At this time, a minimum ACT or Plan score of 18 is required. Dual Enrollment may carry a cost if the student elects to pursue it. **Students may not drop Dual Enrollment courses past the Spring 2020 deadline for next year's scheduling.**

## **a3 VIRTUAL ACADEMY COURSES**

St. Tammany Parish offers online courses through the a3 program. Students in need of graduation requirement courses may be eligible for this program. New credit courses must be approved by administration. Students are responsible for course fee. Courses must be paid for in full before a student may enroll in a class.

## **HIGH SCHOOL GRADUATION OPTIONS**

To provide Salmen High School students with the knowledge and skills to succeed in their post- secondary and career pursuits, the Louisiana Department of Education has adopted two diploma options to help students individualize their academic and career goals.

## **TOPS UNIVERSITY DIPLOMA**

Students selecting the TOPS University Pathway will continue to pursue core academic credits that mirror the TOPS Core curriculum. Having completed all core course credits, students may graduate from high school early, or pursue AP®, IB®, CLEP®, or dual enrollment credits. Students graduating on the TOPS University Pathway may also complete Career Diploma courses as electives and earn a credential prior to graduation. TOPS University Pathway requirements can be found at <http://www.louisianabelieves.com>

## **TOPS TECH CAREER DIPLOMA**

Students pursuing the TOPS Tech Career Diploma Pathway may earn basic or advanced credentials in statewide or regional career areas or equivalent credentials earned through dual enrollment coursework. Students graduating with a TOPS Tech Career Diploma will be required to attain statewide or regional credentials. Jump Start TOPS Tech Career Diploma graduation requirements can be found at <http://www.louisianabelieves.com>

## **COLLEGE-LEVEL EXAMINATION PROGRAM (CLEP)**

The College-Level Examination Program (CLEP) offers students the opportunity to receive college credit for what they already know by earning qualifying scores on the CLEP examination. CLEP exams allow students who have acquired comprehensive subject knowledge through independent or prior study, on-the-job training, or cultural pursuits to show that they have the understanding of college-level material. Students may be responsible for the fees associated with CLEP.

## TOPS UNIVERSITY DIPLOMA CURRICULUM

<b>LA TOPS UNIVERSITY DIPLOMA CURRICULUM</b>		
<b>CREDIT EARNED</b>	<b>COURSES</b>	<b>CREDIT NEEDED</b>
	<b>English</b>	<b>4</b>
	English I	1
	English II	1
	English III	1
	English IV	1
	<b>Math</b>	<b>4</b>
	Algebra I	1
	Geometry	1
	Algebra II	1
	Pre-Calculus, Calculus, Algebra III	1
	<b>Social Studies</b>	<b>4</b>
	Government	1
	U.S. History	1
	World History, World Geography	2
	<b>Science</b>	<b>4</b>
	Biology	1
	Chemistry	1
	Physics, Biology II, Chemistry II, Environmental Science, or Physical Science	2
	<b>Physical Education/Health</b>	<b>2</b>
	Physical Education I or JROTC I	1
	Physical Education II or JROTC II	.5
	Health (JROTC I and II will substitute for .5 Health)	.5
	<b>Fine Arts</b>	<b>3</b>
	Foreign Language	2
	Fine Arts Survey, Art, Music, Theater, or Basic Tech Drafting	1
	<b>Electives</b>	<b>3</b>
	Electives (3 credits)	3
	<b>Total Credits</b>	<b>24</b>

*The Louisiana TOPS University Diploma Curriculum represents minimum graduation requirements. It may not be the same as the CORE Curriculum requirements for college admissions.*

## TOPS TECH CAREER CURRICULUM

<b>LA TOPS TECH CAREER DIPLOMA CURRICULUM</b>		
<b>CREDIT EARNED</b>	<b>COURSES</b>	<b>CREDIT NEEDED</b>
	<b>English</b>	<b>4</b>
	English I	1
	English II	1
	English III or Business English	1
	English IV or Technical Writing	1
	<b>Math</b>	<b>4</b>
	Algebra I	1
	Geometry, Algebra II, Pre-Calculus, Algebra III, Math Essentials, Financial Literacy or Business Math	3
	<b>Social Studies</b>	<b>2</b>
	Government	1
	U.S. History	1
	<b>Science</b>	<b>2</b>
	Biology	1
	Physical Science ,Chemistry, or Environmental Science	1
	<b>Physical Education/Health</b>	<b>2</b>
	Physical Education I or JROTC I	1
	Physical Education II or JROTC II	.5
	Health (JROTC I and II will substitute for .5 Health)	.5
	<b>Electives</b>	<b>9</b>
	Shall include minimum courses required to complete Career/Technical TOPS TECH Pathway with required certification(s).	9
	<b>Total Credits</b>	<b>23</b>



# COURSE DESCRIPTION

## ENGLISH

### ENGLISH I

The goal of this course is the integration of literature, language study, vocabulary, and writing. Students are introduced to the short story, the novel, poetry, and drama and study the characteristics of various literary genres and writing styles encountered. A detailed study of Romeo and Juliet is required that includes the demonstration of a personal critical response both orally and in writing. All students participate in a detailed study of Greek mythology and myths of other cultures.

The writing process is introduced to help students develop good pre-writing, free-writing, revision and editing techniques. Analytical writing based on the literature is stressed. All students compose several major pieces of writing. Grammar study includes basic phrase, clause and sentence structure as well as usage matters. A standardized 100-word vocabulary list is studied, and advanced context vocabulary is discussed as it is encountered in the literature.

Students are graded on the basis of class work, homework, quizzes, tests and writing assignments. Final exams are administered at the end of the semester.

**EOC/LEAP 2025 Course**  
**Summer Reading Required**

### ENGLISH II

English II is a broad study of major authors and works focusing on a thematic approach to literature. Literary techniques are analyzed as they apply to the various works studied. Students are encouraged to examine the connections among the various language arts categories and develop proficiency in each. Outside reading is required along with a project that demonstrates critical thinking and a personal response to an important work of World literature. The course also includes the study and implementation of the writing process with the use of techniques to develop the student's ability to write on literature and current event topics. Grammar study includes subject-verb agreement, pronoun-antecedent agreement, spelling, and comma usage. Tough context vocabulary is discussed as it is encountered in the literature. Students are graded on the basis of class participation, homework, quizzes, tests, written papers, and oral presentations. Final exams are administered at the end of the semester.

**EOC/LEAP 2025 Course**  
**Summer Reading Required**

### ENGLISH I (H) ENGLISH I (G)

These courses are designed for the student who has consistently demonstrated exceptional reading, writing, and analytical skills. The focus of the literature section of the course includes in-depth studies of both classic and modern literature. Students additionally read supplementary novels, plays, short stories, essays, poetry, and drama. All students participate in the study of Greek mythology, highlighted by myths from other world cultures. Interpretive readings as well as written analyses, projects, and creative pieces are required.

The writing section of the course introduces students to the writing process and explains basic concepts such as unity, order and coherence. Grammar study includes basic phrase, clause and sentence structure as well as usage matters. A standardized, advanced context vocabulary is discussed as it is encountered in the literature.

Students are graded on the basis of class participation, homework, quizzes, tests, and appropriate written assignments. Final exams are administered at the end of the semester.

**Recommendation/IEP required (G)**  
**EOC/LEAP 2025 Course**  
**Summer Reading Required**

### ENGLISH II (H) ENGLISH II (G)

Honors/Gifted English II is designed for the student who has consistently demonstrated exceptional reading, writing, and analytical skills. Challenging reading and writing assignments are a vital part of the course. Critical reading skills are developed through the study of masterpieces of World literature. Outside reading is required along with a project that demonstrates critical thinking and a personal response to an important work of World literature. The course also includes the study and implementation of the writing process with the use of techniques to develop the student's ability to write on literature and current event topics. Students are required to produce creative writings. Students participate in group and individual projects. Oral presentations are produced throughout the course. Grammar study includes subject-verb agreement, pronoun-antecedent agreement, spelling, and comma usage. Grades are assigned on the basis of class participation, homework, quizzes, tests, and writing assignments. Final exams are administered at the end of the semester.

**Recommendation/IEP Required (G)**  
**EOC/LEAP 2025 Course**  
**Summer Reading Required**

<p><b>ENGLISH III</b></p> <p>English III is a broad study of major American authors and works from the Puritan era to the present. Characteristics of historical periods and genres in American literature are emphasized. Literary techniques are analyzed as they apply to the various works studied. Students are encouraged to examine the connections among the various language arts categories and develop proficiency in each.</p> <p>The course also includes the study and implementation of the writing process with emphasis on expanding the use of techniques studied last year and developing student ability to write on literature.</p> <p>Grammar study includes a review of sentence structure and usage as well as a focus on capitalization and punctuation. Tough context vocabulary is discussed as it is encountered in the literature.</p> <p>Students are graded on the basis of class participation, homework, quizzes, tests, written papers, and oral presentations.</p> <p><b>EOC/LEAP 2025 Course Summer Reading Required</b></p>	<p><b>ENGLISH III (AP) Fee &amp; Mandatory Test</b></p> <p>An Advanced Placement (AP) course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer’s purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. The AP English Language and Composition course teaches and requires students to write in several forms (e.g., narrative, expository, analytical and argumentative essays) about a variety of subjects (e.g., public policies, popular culture, personal experiences).</p> <p><b>Recommendation/IEP required (G) EOC/LEAP 2025 Course Summer Reading Required</b></p>
<p><b>ENGLISH IV</b></p> <p>English IV is a full year course that integrates the study of British literature with vocabulary and writing. It focuses on comprehension of often- complex works through text analysis and interpretation. Development of critical thinking is encouraged by means of writing, projects, presentations, outside readings, group work, class discussion and research.</p> <p>The basic content of this course includes units on the major periods and authors of British literature. The primary reading includes <u>Beowulf</u>, Chaucer, Shakespeare, and British poetry. Students are encouraged to tackle difficult literature and use analytical skills to comprehend them.</p> <p>Context vocabulary is carefully analyzed, and literary techniques are considered as they relate to the materials studied. The course includes the study and implementation of the writing process with emphasis on developing student ability to write on literature and employ the various types of writing. Autobiography and research are addressed.</p> <p>Grammar study is done as necessary based on common problems found in student written work. Advanced context vocabulary is discussed as it is encountered in the literature.</p> <p>Grading is based on class participation, homework, quizzes, and tests, as well as appropriate writing assignments.</p>	<p><b>ENGLISH IV (H) ENGLISH IV (G)</b></p> <p>These courses are designed for the student who has consistently demonstrated exceptional reading, writing, and analytical skills. Challenging nightly and frequent long-term reading and writing assignments are a vital part of the course. Critical reading skills are developed through the study of masterpieces of English literature. Development of original, incisive thinking is encouraged by means of writing, projects, oral presentations, outside readings, group work, journals, class discussion and research. In addition, students can expect intensive seminars on complex topics.</p> <p>Primary reading emphasis includes the following: all major periods of British literature, major British authors, the history of English language and society, literary analysis and terminology. The course also includes the study and implementation of the writing process with emphasis on developing a student’s ability to write on literature and employ the various types of writing. Grammar study is based on common sentence problems found in student written work. Tough context vocabulary is discussed as it is encountered in the literature.</p> <p>Grades are assigned on the basis of class participation, homework, quizzes, tests, and writing assignments.</p> <p><b>Recommendation/IEP required (G) Summer Reading Required</b></p>

**BUSINESS ENGLISH**

Prerequisite: English I, English II

Students will enhance written and verbal communication skills that are essential to success in business organizations and industry. Students are expected to read, comprehend, interpret, and analyze literary and informational texts and to create and publish documents such as reports, essays, letters, commercials, and technical manuals. Students study rhetorical devices and persuasive techniques and apply research skills to identify a successful career path.

**TECHNICAL WRITING**

Prerequisite: English I, English II

Students will enhance writing and editing skills related to the many types of business and technical writing. Students study and develop a variety of documents generated in business and industry such as emails, reports, presentations, letters, newsletters, flyers, personal memoirs, comic strips, advertisements, public service announcements and business proposals. Students also apply research skills to plan a career path and employment portfolio.

## MATHEMATICS

**ALGEBRA I**

This course is designed for students who have successfully completed the mathematics program in grades K-8. It is an introduction to abstract mathematical ideas and it is considered to be the first step in a college preparatory math sequence.

Topics covered include: number systems; properties; algebraic equations; the coordinate plane; graphs of equations; problem solving by use of algebraic principles; exponents; factoring; systems of equations; operations with polynomials; quadratic equations; radicals; functions; rational expression and inequalities.

Students will be evaluated on the basis of tests, class participation, and assignments.

**EOC/LEAP 2025 Course****\*GEOMETRY**

**\*Must have completed Algebra I A and B**

This course explores the basic structure of geometry. It is offered as the second course in a regular college preparatory math sequence.

It covers topics including points, lines, planes, angles, parallel lines and planes. Definitions, postulates, and theorems are studied throughout the course. Also included are concepts dealing with congruency and similarity of polygons along with an extensive study of the right triangle and circles. Areas of plane figures, constructions, volumes and surface areas of solids, and coordinate geometry are studied. Logical reasoning is introduced.

Students will be evaluated based on tests, class participation, and assignments.

**EOC/LEAP 2025 Course****ALGEBRA I (H)**

This course is designed for students who have demonstrated strong ability and high achievement in Mathematics thus far. It is offered to students who will ultimately take Calculus or AP Calculus. Algebraic skills are developed to a higher degree of difficulty. The material is presented at a faster pace and in a more challenging manner than in Algebra I.

Topics covered include: number systems; properties; algebraic equations; the coordinate plane; graphs of equations; problem solving by use of algebraic principles; operations with polynomials; quadratic equations; radicals; probability; functions; rational expressions, and inequalities.

Students will be evaluated on the basis of tests, class participation, and assignments.

**Recommendation Required****EOC/LEAP 2025 Course****GEOMETRY (H)****GEOMETRY (G)**

This course is designed for students who have demonstrated strong ability and high achievement in Mathematics thus far. It is offered to students who will ultimately take Calculus or AP Calculus. Basic geometric concepts are explored in greater depth and in a more challenging manner. Concurrent enrollment with Algebra II is strongly encouraged.

It deals with parallel and perpendicular lines, planes, angles, triangles, polygons and circles. Also, the Pythagorean Theorem, linear systems, ratio, proportion, congruency, similarity, areas, surface areas, volumes, and Coordinate Geometry are taught. Special emphasis is given to the formal geometric proof and logical reasoning. Students are required to analyze given conditions, organize data, and interpret results. Activities are promoted to help students develop problem-solving skills in mathematical situations. Students will be evaluated on the basis of tests, class participation, and assignments.

**Recommendation/IEP is required (G)****EOC/LEAP 2025 Course**

<p><b>ALGEBRA II</b></p> <p>This course logically follows Algebra 1 and Geometry. It is the third course in a college preparatory Math sequence. Successful completion of this course will fulfill Math requirements for many colleges. It is designed for students with good math ability who have performed well in their math courses thus far, and who have demonstrated the potential to handle abstract mathematical concepts. Topics covered are as follows: real numbers; equations; inequalities; graphs; polynomials; factoring; rational expressions; logarithms; matrices; sequences and series; complex numbers; functions; conic sections including circles, parabolas, ellipses and hyperbolas. Problem solving techniques are developed throughout the course. Constant use of a scientific calculator is made. Optional topics may include: matrices and probability. Students will be evaluated on the basis of tests, class participation, and assignments.</p>	<p><b>ALGEBRA II (H)</b></p> <p>This course is designed for students who have demonstrated high potential and ability to handle the abstract concepts of higher mathematics. This challenging course is offered to ensure those students an opportunity to be fully prepared to proceed to Pre-Calculus and Calculus. Topics covered are as follows: real numbers; equations; inequalities; graphs; polynomials; logarithms; matrices; sequences and series; factoring; rational expressions; complex numbers; functions; and conic sections. Problem solving techniques are developed throughout the course. Constant use of a scientific calculator is made. Additional topics include: probability. Students will be evaluated on the basis of tests, class participation, and assignments.</p> <p><b>Recommendation Required</b></p>
<p><b>PRE CALCULUS (H)</b></p> <p>This course is designed to prepare students for calculus. It is suggested for students who performed well in Geometry and Algebra 2 and who hope to enroll in college upon their graduation. Topics included are: A review of algebraic concepts; functions and their graphs; polynomial and rational functions; exponential and logarithmic functions; conic sections; polar coordinates; sequences, series; and matrices. A large segment of this course is devoted to the study of trigonometry. Additional topics include: polar coordinates and matrices. Students will be evaluated on the basis of tests, class participation, and assignments.</p> <p><b>Recommendation Required</b></p>	<p><b>CALCULUS (AP) Fee &amp; Mandatory Test</b></p> <p>This course is designed for students who have shown an aptitude and ability to handle algebraic, geometric, and trigonometric concepts. Topics covered include: functions, limits, differentiation, continuity, curve sketching, related rates, maxima and minima, velocity and rates, integration, area under and between curves, volumes, average values, natural logarithms, exponential functions, partial fractions, and integration by parts. Students will be evaluated based on tests, class participation, and assignments.</p> <p><b>Recommendation Required</b></p>

<p><b>ALGEBRA III (On-Level)</b>  <b>ALGEBRA III (Dual Enrollment)</b></p> <p>Prerequisite: Algebra I, Geometry and Algebra II  Students will solidify topics learned in Algebra II, while focusing on work with many types of functions such as polynomial, rational, radical, exponential, and logarithmic. Modeling real-life problems and fitting data to those models will be an integral component of this course. This course will give students the work needed in preparation for College Algebra.</p> <p><b>Must meet minimum Pre-ACT or ACT score requirement for Dual Enrollment.</b></p>	<p><b>BUSINESS MATH</b></p> <p>Prerequisite: Algebra I  This course focuses on mathematics in business situations. Students will explore how businesses function through mathematical applications. Topics include all facets of managing a business such as personnel, production, purchasing, sales, marketing, storage, distribution, services, accounting, and planning.</p>
<p><b>FINANCIAL LITERACY</b></p> <p>Prerequisite: Algebra I  This course focuses on personal finance. Students will explore important life skills through mathematical applications. Topics address decision making and personal responsibilities such as understanding paychecks and income, budgeting, banking, credit, loans, buying a house, buying a car, insurance, and investments.</p>	<p><b>MATH ESSENTIALS</b></p> <p>This course is multidimensional. Students will be given the opportunity to improve their understanding of mathematical concepts. These concepts are also aligned with ACT concepts. Topics covered include: Ratios and Proportions, Probability, Statistics, Topics of Geometry, Linear Functions, Step and Piecewise Functions, Absolute Value Functions, Quadratic Functions, radicals, exponential functions, growth and decay function, and Euler paths and circuits.</p>

# SCIENCE

<p><b>PHYSICAL SCIENCE</b></p> <p>Students in this course will build a conceptual and mathematical base for physics, chemistry and all the other sciences. Through classroom and laboratory activities, students will study the structure and behavior of matter and energy. Topics such as the structure and interactions of matter, forces and motion as well as the transmission and conservation of energy will be studied in a manner that captivates student interest. Students will be evaluated on the basis of quizzes, tests, laboratory reports, homework assignments, short and long-term projects, and classroom and laboratory participation.</p>	<p><b>PHYSICAL SCIENCE (H)</b></p> <p>This is a fast-paced study in physical science. Laboratory experiences will enhance concepts taught. Projects are required. Topics such as the structure and interactions of matter, forces and motion as well as the transmission and conservation of energy will be studied in a manner that captivates student interest. Students will be evaluated on the basis of quizzes, tests, laboratory reports, homework assignments, short and long-term projects, and classroom and laboratory participation.</p> <p><b>Recommendation required.</b></p>
<p><b>BIOLOGY I</b></p> <p>This course provides a molecular approach to help students understand current scientific thinking and to assist them to learn traditional biological content. Biologically important molecules; cell theory; variety of life; evolution of life processes; molecular genetics; heredity; plant and animal physiology; and ecology are integrated into the curriculum. Laboratory activities help students to further explore biological principles, problem-solving, and critical-thinking methodologies. Students will be evaluated on the basis of quizzes, tests, laboratory reports, written homework assignments, oral reports, and classroom participation.</p> <p><b>EOC/LEAP 2025 Course</b></p>	<p><b>BIOLOGY I (H)</b></p> <p>This course is designed for students who have both a strong interest and have demonstrated aptitude in science. Concepts in Biology and related areas of science will be explored in greater depth and in a more challenging manner. The course is intended to provide motivated students with a sophisticated knowledge of biology and to sharpen their independent learning and higher order thinking skills. Students will be evaluated on the basis of quizzes, tests, laboratory reports, written homework assignments, oral reports and classroom participation.</p> <p><b>Recommendation required.</b> <b>EOC/LEAP 2025 Course</b></p>
<p><b>BIOLOGY II or AP BIOLOGY II</b> <b>AP Requires a Fee and Mandatory test</b></p> <p>Biology II is a full-year course and is the equivalent of a college-level biology course for biology majors. The broad curriculum areas include molecules and cell biology; genetics and evolution; diversity and function of organisms; and ecology. Evaluation methods include quizzes, examinations, supplemental reading assignments, essays, seminar presentations and laboratory reports based on data collected by students.</p> <p><b>Recommendation Required (Advanced level requirement for TOPS)</b></p>	<p><b>ENVIRONMENTAL SCIENCE</b></p> <p>This course is a hands-on integrated science course in which students will further explore relevant areas of biology, chemistry, and physical science. The curriculum will include the biosphere, ecological interactions, energy, land and water resources, and human impact on the environment. Students will be evaluated on the basis of quizzes, tests, lab reports, field journals, written homework, oral presentations and long-term projects.</p>

## CHEMISTRY

This is a traditional survey course in chemistry that integrates both the mathematical and reasoning skills needed to understand the behavior of matter at the atomic level. Laboratory experimentation and the development of safe lab techniques and procedures are an essential part of this course.

Topics covered in this course include the classification of matter, chemical reactions and changes in chemical properties and energy, a review of acids, bases and pH, atomic structure, the organization of the periodic table and periodic trends, chemical formulas, nomenclature, chemical equations, stoichiometry, chemical bonding, molecules, chemical compounds, kinetic theory and the gas laws. Tests, quizzes, lab reports, homework and classroom participation are used to evaluate student performance.

**Required: Concurrently enrolled or completed Algebra II. Must pass the first semester of Algebra II to remain in the second semester of Chemistry.**

## CHEMISTRY (H) / (DE)

This course is designed for sophomores and juniors who have both a strong interest and have demonstrated aptitude in science. This is a fast paced, curriculum driven, honors level course for students who intend to later take AP science courses. Concepts that are normally covered in Chemistry are intensively explored at a depth and level of academic challenge commensurate with an honor level course.

Topics to be investigated include the classification of matter, chemical reactions and changes in chemical properties and energy, a review of acids, bases and pH, atomic structure, the organization of the periodic table and periodic trends, chemical formulas, nomenclature, chemical equations, stoichiometry, chemical bonding, molecules, chemical compounds, kinetic theory and the gas laws.

Tests, quizzes, lab reports, and student classroom participation are used to evaluate student performance.

**Recommendation Required for Honors  
Must meet minimum Pre-ACT or ACT score  
requirement for Dual Enrollment**

## PHYSICS

### PHYSICS (H)

Physics is the study of the way the universe works at a fundamental level. A working knowledge of physics is especially useful to students planning to major in science or technical subjects in a four-year college or university after high school. This is because a course in physics is almost always required of these majors. One objective of Physics, therefore, is to provide an understanding of those aspects of physics that will be most useful to students interested in scientific, engineering, or health-related careers. These include: the way things move, Newton's Laws, the forces of nature and concepts of energy.

A secondary objective is to enable each student, including those students who may be undecided about a career, to gain an understanding of the basic rules of nature described by physics. The physical world makes a lot more sense once one knows these basic rules.

**The student who takes Physics should have already taken Algebra II and should be enrolled in Advanced Math I and completed Chemistry.** Mathematical problem solving will be an important part of this course because math is one of the languages of physics and also because the ability to analyze and solve problems is a requirement for many of today's increasingly technical careers.

Class time will be divided among the following activities: lectures, discussions, and laboratory experiments. Numerous examples from every-day life are used to illustrate the principles of physics.

**Recommendation required for Honors.**

# SOCIAL STUDIES

<p><b>GOVERNMENT GOVERNMENT (AP)</b></p> <p>This course is a study of rights, duties, and privileges of citizenship in American society with a focus on federal, state, and local government. A unit of Free Enterprise will be included in this course.</p> <p><b>Recommendation required for Advanced Placement.</b></p>	<p><b>WORLD GEOGRAPHY WORLD GEOGRAPHY (H)</b></p> <p>This course focuses on physical and cultural characteristics while emphasizing the development of geography skills and the study of world regions and their interdependence.</p> <p><b>Recommendation required for Honors.</b></p>
<p><b>U.S. HISTORY</b></p> <p>Readings and class work will stress the chronology of American History from Industrialization to the present, with particular emphasis on the significant people and events of the twentieth century through the use of reading and technology. Material to be covered will also investigate the role of the United States in global affairs and the study of world history as it relates to America's foreign policy.</p> <p>Through homework assignments, quizzes and tests (both objective and essay) the student will be expected to master the basic facts and themes of American history. Research papers or reports may also be assigned.</p> <p><b>EOC/LEAP 2025 course</b></p>	<p><b>U.S. HISTORY (AP) Fee &amp; Mandatory Test</b></p> <p>This course is designed for the college-bound student interested in an in-depth study of American history. This survey course examines American history from Industrialization to the present. Lectures and class discussions will include the development of the significant political, economic, social and cultural themes in the American experience with emphasis on the chronology from Industrialization to the present. Material to be covered will also investigate the role of the United States in global affairs and the study of world history as it relates to America's foreign policy.</p> <p>Tests will stress both the mastery of factual information and the interpretation of historical themes. Test will contain both objective and essay sections. Research papers and outside readings of primary and secondary sources will be expected of the student.</p> <p><b>Recommendation required for Advanced Placement. EOC/LEAP 2025 course</b></p>
<p><b>WORLD HISTORY</b></p> <p>The course covers over 700 years of history, from the Renaissance and Reformation to the rise of European influence over an extended period of European dominance bringing us to the current conditions that affect the world. The emphasis is on determining contributions to the development and relationship of long term principles and forces that tie the various eras of history together.</p>	<p><b>WORLD HISTORY (AP) Fee and Mandatory Test</b></p> <p>The course covers over 700 years of history, from the Renaissance and Reformation to the rise of European influence over an extended period of European dominance bringing us to the current conditions that affect the world. The emphasis is on determining contributions to the development and relationship of long term principles and forces that tie the various eras of history together. The student will receive a broad overview of events around the world that helped develop today's contemporary global society. This course will develop intellectual skills including analysis, synthesis, research, reading, and writing that are essential for all academic courses.</p> <p><b>Recommendation required for Advanced Placement.</b></p>
<p><b>LAW STUDIES</b></p> <p>This is a year-long class that will introduce and guide students through the understanding of basic legal rights and responsibilities as they apply to the individual. This course will focus on the different types of laws such as civil, criminal, and juvenile law. The structure of the class involves discussions, mock trials, and role-playing.</p>	<p><b>PSYCHOLOGY (AP)</b></p> <p>This course introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students will be exposed to the psychological facts and principles within the field of psychology. It is designed to help students develop a better understanding of the actions and feelings of themselves and others.</p>



## PHYSICAL EDUCATION/HEALTH

<p><b>PHYSICAL EDUCATION I</b> This course focuses on preparing individuals to develop acceptable levels of fitness and an appreciation of its value for living a healthy, productive life. Six specific sports are taught.</p>	<p><b>PHYSICAL EDUCATION II</b> A broad range of activities that will contribute to the development of a healthy lifestyle is stressed. Students are required to successfully complete one semester for graduation.</p>
<p><b>HEALTH</b> This course is designed to motivate and assist students in maintaining and improving their health, in preventing disease, and in reducing risk behaviors/habits.</p>	<p><b>PHYSICAL EDUCATION III (Elective)</b> This course includes a continuation of physical fitness as well as team sports.</p>
<p><b>PHYSICAL EDUCATION IV (Elective)</b> Students in this course refine skills in lifetime sports and in physical fitness.</p>	

## ART

<p><b>ART I</b> This YEAR course is designed to introduce the beginning student to the fundamentals of art. A variety of materials and processes will be explored through the study and application of the elements and principles in both 2 &amp; 3-dimensional artwork. Appropriate reading, writing and vocabulary will be incorporated along with the study of historic and cultural contributions of noteworthy artists. Drawing and compositional skills are emphasized. <b>Prerequisite for other courses.</b></p>	<p><b>FINE ARTS SURVEY</b> This is a non-technical survey course which introduces students to the various facets of music and art appreciation.</p>
<p><b>ART II A</b> This studio-style course is designed for students interested in the continued study of art with emphasis on drawing from observation, the use of perspective and in figure studies. Techniques and processes in a variety of media are explored.</p>	<p><b>ART II B</b> The expressive potential of a variety of media and techniques will be explored in the continued study of 2 &amp; 3D art forms.</p>
<p><b>ART III A</b> Ongoing studies in both 2 &amp; 3D arts are explored in this class which is organized around more advanced techniques in drawing, design, painting, sculpting, computer, etc. Critique skills are further developed.</p>	<p><b>ART III B</b> This class continues the work of 5880A with progressively complex techniques and processes in 2 &amp; 3D art forms. <b>Successful completion of both semesters of Art 2 is required for enrollment.</b></p>
<p><b>ART IV A</b> This course is designed for the highly motivated art student who is interested in helping to design their course of study with a more independent approach to their work. Creativity and personal style are emphasized</p>	<p><b>ART IV – SENIOR PROJECT B</b> Senior students will complete their studies with a portfolio of work and an exhibit of their art. <b>Teacher recommendation is required for this course.</b></p>

## BUSINESS and TECHNOLOGY

### INTRO BUSINESS COMPUTER APPLICATIONS

This course is the first of two courses designed to provide students with basic computer application skills. Students will be taught touch typing to produce simple business documents. Emphasis will be placed on learning computer application skills essential to earning an industry-based certification as a Microsoft Office Specialist in Word. Upon passing the certification exams, the student will have globally accepted and validated credentials for resumes, employers, and higher education institutions.

### BUSINESS COMPUTER APPLICATIONS

This course is the second of two courses designed to provide students with basic computer application skills. Emphasis will be placed on learning computer application skills essential to earning an industry-based certification as a Microsoft Office Specialist in PowerPoint and Excel. Upon passing the certification exams, the student will have globally accepted and validated credentials for resumes, employers, and higher education institutions.

**Prerequisite: IBCA(A) or Instructor Approval**

### PRINCIPLES OF BUSINESS

This course is an introductory course that provides students with basic business operations skills that can be applied in both personal and professional situations. It is designed to help prepare them for a more meaningful and beneficial interaction with business and our economy. Emphasis is placed on the exploration and description of basic business concepts and applications. Virtual Business Simulations and The Stock Market Game provide additional opportunities for connection to real world applications.

**Prerequisite: IBCA (A) and IBCA (B) or Instructor Approval**

### ENTREPRENEURSHIP

Entrepreneurship focuses on recognizing a business opportunity and developing the opportunity into a business. The controlling functions—accounting, finance, marketing, management—as well as legal and economic considerations are applied. Student responsibility and initiative are encouraged as business strategies are created, planned, and presented as a final product—a business plan for an actual business venture. Through the process of developing the business plan, students acquire skills necessary to operate a successful business.

**Prerequisite: Principles of Business**

### CUSTOMER SERVICE

**Grades 11, 12**

Using real-life applications, students will be guided step-by-step through the entire process of owning their own business including developing a business plan for a mock business. Additionally, students will develop skills in customer satisfaction and loyalty. The students will gain an understanding of the skills, attitudes, and thinking patterns needed to win customer satisfaction and loyalty.

Upon completion, the student will be eligible to test for the National Retail Federation Customer Service Test. Students passing the exam will receive the *National Customer Service Certification*.

# COMMUNICATIONS

<p><b>TV PRODUCTION I</b></p> <p>Using Adobe Premiere Elements video editing software, the students plan, produce, and participate in taped and live broadcasts and various videos for use in the school and parish on closed –circuit TV and for St. Tammany Parish School Board’s Channel 13. Students are required to adhere to strict guidelines for all productions and will be asked to attend school events outside of class.</p> <p><b>Recommendation Required</b></p>	<p><b>TV PRODUCTION II</b></p> <p>This course focuses on producing broadcasts and videos by editing film, mixing audio, and using various film equipment required in the broadcast journalism industry. The Adobe Premiere Elements software is used. Students are required to adhere to strict guidelines for all productions and will be asked to attend school events outside of class.</p> <p><b>Prerequisite: TV Production I and recommendation</b></p>
<p><b>TV PRODUCTION III</b></p> <p>This course is a continuation of TV Production and will provide a hands-on learning approach to the principles, procedures, and methods of broadcast journalism. The course includes composition, operation of cameras and editing machines, special effects, on-camera announcing and interviewing, lighting, staging, and directing. The student will learn how to handle video recording and editing equipment responsibly and ethically, in addition to incorporating principled studio and field reporting techniques. Students have the opportunity to earn <i>Adobe Premier Pro certification</i>.</p> <p><b>Recommendation required.</b></p>	<p><b>TV PRODUCTION IV</b></p> <p>This course is a continuation TV Production and will provide a hands-on learning approach to the principles, procedures, and methods of broadcast journalism. The course includes composition, operation of cameras and editing machines, special effects, on-camera announcing and interviewing, lighting, staging, and directing. The student will learn how to handle video recording and editing equipment responsibly and ethically, in addition to incorporating principled studio and field reporting techniques. Students have the opportunity to earn Adobe Premier Pro certification.</p> <p><b>Recommendation required.</b></p>
<p><b>SPEECH I</b> <b>SPEECH II</b></p> <p>This course provides students with the fundamentals of oral communication, public speaking, group discussion, oral interpretation, with a focus on the ethics and responsibilities, which are the basis of effective communication.</p>	<p><b>PUBLICATIONS Yearbook I</b> <b>PUBLICATIONS Yearbook II</b></p> <p>Students in this class learn about layout, photography, copywriting, and production of the <i>Laconian</i> yearbook.</p> <p><b>Recommendation required</b></p>

## FAMILY & CONSUMER SCIENCE

### NUTRITION & FOOD

This course provides students with basic nutrition and wellness knowledge and basic food preparation skills. Emphasis is placed on food preparation, kitchen and meal management, and the relationship of diet to health. Topics of study include nutrition, meal planning, 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. Simulations, projects, teamwork, and Family Career, and Community Leaders of America (FCCLA) leadership activities provide the opportunity to apply instructional competencies and workplace readiness skills to authentic experiences.

### ADVANCED NUTRITION & FOOD

This course addresses more complex concepts in nutrition and food preparation, with emphasis on social, psychological, and cultural influences on food choices globally. Topics include nutrition and wellness for individuals and families across the life span; impact of technology on nutrition, foods, and related tools and equipment; management of food-related resources; acquiring, organizing, and evaluating information about foods and nutrition; and exploration of careers in all aspects of the food industry. Laboratory experiences are included. Work-based learning strategies appropriate for this course include field trips, job shadowing, and service learning. Simulations, projects, teamwork, and FCCLA leadership activities provide the opportunity to apply instructional competencies and workplace readiness skills to authentic experiences. *This course is offered only to sophomore, junior, and senior students.*  
**Prerequisite: Nutrition and Food**

### PRO START I

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

For two or three credits to be granted, class time must meet the requirements in Bulletin 741, and additional work must be assigned and evaluated.

**Prerequisite: Food and Nutrition, Advanced Food and Nutrition**

**Dual Enrollment is available, depending on grade averages and placement scores. Dual Enrollment Tuition: Payment of Part or All of Tuition expense may be incurred by student/parents depending on availability of Early Start tuition funding.**

### PRO START II

This course is the second of two courses focused on preparing students for careers in the foodservice/hospitality industry. Emphasis is on obtaining skills for the industry-based certification and preparation for internships in the industry. The course utilizes the ProStart II text and curriculum developed by the National Restaurant Association's Educational Foundation. The students who complete a 400-hour paid internship and meet the testing requirements of the National Restaurant Association will receive national ProStart certification. 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. Skills in critical thinking, math, communications, and science are reinforced in this course. Work-based learning strategies appropriate for this course are service learning, field trips, cooperative on-the-job training, and internships. School-based enterprises, projects, and FCCLA leadership activities provide opportunities for application of instructional competencies. *This course is designed for senior students.* For two or three credits to be granted, class time must meet the requirements in Bulletin 741, and additional work must be assigned and evaluated.

**Prerequisite: ProStart I**

**Dual Enrollment is available, depending on grade averages and placement scores. Dual Enrollment Tuition: Payment of Part or All of Tuition expense may be incurred by student/parents depending on availability of Early Start tuition funding.**

## MUSIC

<p><b>BEGINNING BAND</b> This course is for students who have no musical knowledge but who wish to begin learning to play an instrument. Students will learn theory, technique, and basic skills. They will participate in all advanced band activities.</p>	<p><b>ADVANCED BAND (Percussion)</b> This course is for students who play drums or mallets. Music will include marching, concert, and small ensemble.</p>
<p><b>WIND ENSEMBLE</b> This course is for students who play woodwind or brass instruments. Fundamentals of technique will be studied. Music will include marching, concert, and small ensemble.</p>	<p><b>PIANO Class (Beginning Keyboard)</b> This course is open to students with no previous experience. Students are introduced to the piano and taught beginning melodies, chords, and music theory. Each student is responsible for buying their own book for all piano classes. This will give them a chance to write notes and highlight important facts about each lesson.</p>
<p><b>STUDIO PIANO I &amp; II</b> This course is for advanced students who have completed Piano (Beginning Keyboard) Course 6590A and Piano (Advanced Keyboard) Course 6600B. Each student is responsible for buying their own book for all piano classes. This will give them a chance to write notes and highlight important facts about each lesson.</p>	<p><b>ADVANCED CHORUS</b> An audition is required for admittance into this class which requires basic music reading skills. This course requires 2, 3, and 4 part singing and participation in concerts in required.</p>
<p><b>INTRODUCTION TO CHORUS</b> Beginning chorus instruction is provided with participation in ensemble and concerts expected both during the school day and after school. Students will learn to read music and sing harmony parts.</p>	<p><b>ORCHESTRA (GUITAR)</b> This class is a string class with violin, viola, cello, and bass skills needed. Beginners are allowed with teacher permission. Ensemble performances and concerts are expected both during the school day and after school.</p>

## OTHER ELECTIVES

### TALENTED CLASSES

The following classes are available only to students who have been evaluated and classified by the Louisiana Pupil Appraisal Center as Talented. Guidelines are published in Bulletin 1508.

**TALENTED ART I**  
**TALENTED ART III**  
**TALENTED THEATER I**  
**TALENTED THEATER III**  
**TALENTED MUSIC I**  
**TALENTED MUSIC III**

**TALENTED ART II**  
**TALENTED ART IV**  
**TALENTED THEATER II**  
**TALENTED THEATER IV**  
**TALENTED MUSIC II**  
**TALENTED MUSIC IV**

## FOREIGN LANGUAGE

<p><b>FRENCH I</b> Students concentrate on learning new vocabulary and on manipulation of grammar concepts using TPR (total physical response). Students learn about French culture.</p>	<p><b>FRENCH II</b> This course continues vocabulary acquisition and introduces more complex grammatical constructions. Intermediate reading is introduced.</p>
<p><b>SPANISH I</b> Students learn about Spanish culture and begin their study of language, vocabulary, and basic grammatical constructions. TPR is used to aid comprehension.</p>	<p><b>SPANISH II</b> The development of audio-lingual skills is continued in this course. Content also includes reading and discussing narratives which deal with life in Spanish-speaking countries.</p>
<p><b>SPANISH (AP)</b>  A continuation of Spanish II.</p>	

## JR ROTC

<p><b>JR ROTC I</b> This course has nine blocks of instruction, including leadership, theory, drill, first aid, map reading, communication, drill and ceremonies, and marksmanship.</p>	<p><b>JR ROTC II</b> This second year of training is devoted to intermediate instruction on the same topics covered in the first course along with additional classes on the U.S. Army.</p>
<p><b>JR ROTC III</b> This third level course applies leadership development with a comprehensive review of instruction on the role of the U.S. Army and additional topics selected by the senior Army instructor.</p>	<p><b>JR ROTC IV</b> This course is a class in advanced leadership, including the psychology of leadership with seminars in leadership and management. Students are trained as small unit leaders, in advanced communication, and in staff functions.</p>

**Must take both ROTC I and II to substitute for the required 2 Physical Education /Health credits.**

**NOTE: TOPS University students may select electives from the list of career and technical classes. Students are able to earn certifications in these pathways while taking the requirements for the TOPS University diploma.**

**Placement in career and technical classes will depend on seats available *after* TOPS Technical Diploma students are scheduled.**

## CAREER CLASSES

### **JAG (Jobs for America's Graduates)**

This course is focused on delivering a unique set of services to at-risk and disadvantaged youth in high school; providing follow-up services which will result in the graduate's pursuing a postsecondary education; and ensuring the participants enter the workforce in a quality job, leading to a career.

### **BASIC CAREER READINESS\*\***

Grade 10

This course provides students the opportunity to develop introductory workplace behaviors and communication skills. The course emphasizes career pathways offered in St. Tammany Parish, career exploration, soft skills, post-secondary options, personal financial literacy and self-assessment/personal goals for high school.

\*\*Incoming Freshmen will take Quest for Success. Please see insert for course description.

### **ADVANCED CAREER READINESS**

Grades 11, 12

This course highlights skills students will need for college and career success. In addition to a continued emphasis on mastering soft skills, students will learn about post-secondary options, post-secondary personal finance, workplace safety, and how to effectively conduct research on potential careers.

## HEALTH SCIENCE

### HEALTH SCIENCE OCCUPATIONS I

This year-long course emphasizes health science careers and the requirements to accomplish each. On-site visits to health facilities, guest speakers, and hands-on skill development are included. Health Science I, Health Science II, and one unit of computer science must be passed prior to interning in the senior year.

**In order to intern during the senior year, students must schedule Health Science Occupations as a tenth grader.**

### HEALTH SCIENCE II

This year-long course includes medical terminology, anatomy and physiology, medical record keeping, document preparation, and health care skills. Health Science I, Health Science II, and one unit of computer science must be passed prior to interning in the senior year. In addition, Health Science I and Health Science II must be taken in sequence in order to intern in the senior year.

**In order to intern during the senior year, students must schedule Health Science II as an eleventh grader.**

### CERTIFIED NURSE ASSISTANT (DE) \*\*

Prerequisite: Emergency Medical Responder (EMR) and CPR

This course teaches nursing content and skills. Completion of the content, the clinical hours, and passing the State exam leads to certification as a nurse assistant. Students attend class 2 hours per day, five days per week. Students must have excellent behavior and attendance records. **Students must provide their own transportation to and from the instruction location.**

All students in this course will be dually enrolled with Northshore Technical Community College and students must adhere to the college attendance policy.

All students pursuing the CNA and/or CCMA certifications must be a senior in high school and at least 16 years of age. Students must pass both a written content component and a demonstrated skills component in order to attain certification. Clinical training must be performed in a nursing home or on a Skilled Nursing Unit. The following are **required** in order to take the course:

1. *Right to Review* background check (must be completed before Day 1 of class)
2. Proof of immunization
3. Physical exam
4. American Heart Association BLS CPR certification by the time clinical hours begins
5. Tuberculosis Test
6. Flu shot
7. Scrubs (school will provide more information)

**Dual Enrollment is required. Depending on grade averages and placement scores, students may be eligible for Early Start Tuition funding.** Dual Enrollment Tuition: Payment of Part or All of Tuition expense may be incurred by student/parents depending on availability of Early Start tuition funding.

\*\*For Seniors graduating in 2021. Course will not be offered after the 20-21 school year.



## **EMERGENCY MEDICAL RESPONDER (DE)**

An Emergency Medical Responder (EMR), previously called First Responder, is typically the first to arrive at the scene of an accident, such as firemen and policemen. Thus, the responder must be able to assess a patient's condition and be competent in delivering basic first aid. The EMR course is a rigorous study of patient assessment and medical attention in the areas of airway obstruction, illness, injury, Emergency Medical Service operations, and basic EMR skills. The situations a certified EMR might experience range from minor health conditions/accidents to major health incidents, such as childbirth, heart attack, and life-threatening accidents where individuals may have lost a large amount of blood. Upon completion of the EMR curriculum, the student will affiliate with the Louisiana Department of Health and Hospitals Bureau of EMS for state licensure. All students in this course will be dually enrolled with Northshore Technical Community College and students must adhere to the college attendance policy.

All students pursuing the Emergency Medical Responder certification must be a junior or senior in high school and at least 16 years of age by the scheduled end date of the EMR course. Students must pass both a psychomotor exam and a cognitive exam in order to attain certification. To be eligible to enroll in an EMS course in Louisiana, the applicant must:

- Complete a NTCC Dual Enrollment Application
- Be proficient in reading, writing, and speaking the English language.
- Must have a 1.85 cumulative GPA prior to entering the EMR program and maintain a 2.0 course GPA while in the program. Currently possess or earn in the EMR course a current AHA BLS CPR (or equivalent) card.
- If less than 18 years of age, the student must provide the course instructor with a parental permission form, with the signature of a parent or guardian, verifying approval for enrollment in the course.
- Have no physical or mental impairment that would render the student unable to perform all practical skills required for the level of licensure without accommodation.
- Not have an arrest/conviction record that has not been cleared by the EMS Certification Commission.
- Maintain a professional appearance in line with local EMS expectations and in accordance with the local school district policy.
- Not be under the influence of any drugs or intoxicating substances that impair the ability to provide patient care or operate a motor vehicle while in class or clinicals, while on duty, when responding to, or assisting in the care of a patient.
- Review and attest in writing their acceptance and understanding of the EMR Functional Position Statement.
- Review and attest in writing receipt of an agreement to adhere to the policies contained in the Dual Enrollment EMS Program Student Handbook.
- Documentation from a physician attesting to the students' ability to perform the duties of an Emergency Medical Responder (physical exam.)

Successful completion of the Emergency Medical Responder course and EMR certification are a prerequisite for enrollment in the Emergency Medical Technician course as a senior. The courses may not be taken concurrently.

## **EMERGENCY MEDICAL TECHNICIAN (DE)**

Prerequisite: Emergency Medical Responder (EMR) and CPR

Emergency Medical Technicians respond to emergency calls to provide efficient and immediate care to the critically ill and injured, followed by safe and effective transport to an appropriate medical facility. The EMT course is a rigorous curriculum that trains the EMT to do the following: assess the nature and seriousness of a patient's condition and/or the extent of injuries in order to determine the proper emergency medical care; administer emergency medical care based on assessment findings; lift, move, position and otherwise handle the patient to minimize discomfort and prevent further injury; and, perform all tasks safely and effectively. The course consists of Modules that address preparatory concerns, legal and ethical issues, patient assessment (initial and on- going), basic medical conditions and treatment, trauma and treatment, specific care for infants, children, adults, and geriatric patients, and general EMT operations. For an EMT to perform effectively, training is given so the EMT will be highly competent in communications, transportation, equipment management, and recordkeeping skills. Upon completion of their national boards, the student will be affiliated with the National Registry of EMTs.

All students in this course will be dually enrolled with Northshore Technical Community College and students must adhere to the college attendance policy.

All students pursuing the Emergency Medical Responder certification must be a senior in high school and at least 16 years of age by the scheduled end date of the EMT course. Students must pass both a psychomotor exam and a cognitive exam in order to attain certification. To be eligible to enroll in an EMS course in Louisiana, the applicant must:

- Hold an active Emergency Medical Responder certification.
- Complete a NTCC Dual Enrollment Application
- Be proficient in reading, writing, and speaking the English language.
- Must have a 2.0 cumulative GPA prior to entering the EMT program and maintain a 2.0 course GPA while in the program.
- Must possess a current AHA BLS CPR (or equivalent) card.
- Have no physical or mental impairment that would render the student unable to perform all practical skills required for the level of licensure without accommodation.
- Not have an arrest/conviction record that has not been cleared by the EMS Certification Commission.
- Maintain a professional appearance in line with local EMS expectations and in accordance with the local school district policy.
- Not be under the influence of any drugs or intoxicating substances that impair the ability to provide patient care or operate a motor vehicle while in class or clinicals, while on duty, when responding to, or assisting in the care of a patient.
- Review and attest in writing their acceptance and understanding of the EMT Functional Position Statement.
- Review and attest in writing receipt of an agreement to adhere to the policies contained in the Dual Enrollment EMS Program Student Handbook.
- Documentation from a physician attesting to the students' ability to perform the duties of an Emergency Medical Technician Responder (physical exam.)

**Dual Enrollment is required. Depending on grade averages and placement scores, students may be eligible for Early Start Tuition funding.** Dual Enrollment Tuition: Payment of Part or All of Tuition expense may be incurred by student/parents depending on availability of Early Start tuition funding.

## INDUSTRIAL TECHNOLOGY

### **AUTO TECH I (DE)**

This two hour block is taught by an ASE certified technician. Students learn about brakes and electrical systems. They must be **16** years old and be classified as a junior or senior. This class can lead to possible certification and dual-enrolled credit with NTCC. **Student must meet requirements for NTCC.**

**Dual Enrollment is required.**

**Depending on grade averages and placement scores, students may be eligible for Early Start Tuition funding.**

Dual Enrollment Tuition: Payment of Part or All of Tuition expense may be incurred by student/parents depending on availability of Early Start tuition funding.

### **AUTO TECH II (DE)**

This two hour block is a continuation of **Auto Tech I**. Suspension and other front-end components will be studied. The class is taught by an ASE certified technician and has the same prerequisites as Block I. This class can lead to possible certification and dual-enrolled credit with NTCC. **Student must meet requirements for NTCC.**

**Dual Enrollment is required.**

**Depending on grade averages and placement scores, students may be eligible for Early Start Tuition funding.**

Dual Enrollment Tuition: Payment of Part or All of Tuition expense may be incurred by student/parents depending on availability of Early Start tuition funding.

### **BASIC TECHNICAL DRAFTING (DE)**

This course involves the study of the technical elements of drafting. During 1<sup>st</sup> semester the student will gain a working knowledge of identifying and applying the use of drafting instruments and equipment. During 2<sup>nd</sup> semester the student will acquire the knowledge and application of pattern development, working drawings, design, an introduction to architectural drafting, and computer-aided drafting.

**This course may be taken as a substitute for Art I or Fine Art Survey and satisfies state graduation requirements for this subject.**

### **ARCHITECTURAL DRAFTING (DE)**

This course involves the study of architectural drafting techniques and identifying the steps in planning a residence. Students will identify the characteristics which affect building design and develop a preliminary residential sketch using 3D CADD.

**Recommended: Successful completion of CAD with a “C” average or better.**

### **CMAD DRAFTING (DE)**

This computer-assisted drafting course is designed for the student who already possesses a good working knowledge of conventional, board drafting techniques and standards. The course is designed to guide students through the entire AutoCAD 2009 command structure while applying AutoCAD 2009 functions. The student will acquire the knowledge of basic concepts and principles of CAD and CAD station and the application of this method to real world drawings.

***Students will work towards ADDA Apprentice Certification.***

**Prerequisites: Drafting I & II**

### **PRE-APPRENTICESHIP I**

The Carpentry Pre-Apprenticeship is designed to introduce students to a career in carpentry. The curriculum was created and published by the Carpenters International Training Fund (CITF). It is a unique program that provides high school students with an opportunity to learn first-hand the required skills and values for having a successful career as a carpenter after high school graduation. Student will master soft skills essential to entry-level employment. This Pre-Apprentice pathway includes self-evaluation; goal setting; employability skills; specific career information on construction trades; real job descriptions of workers in the field; interviews and features that appeal to young adults. Math for the Trades makes up the math component of an effective high school trades curriculum. All of the math concepts are linked to real

<p>(Continued from <b>PRE-APPRENTICESHIP I</b>)</p> <p>life situations in the world of construction work. This manual is a basic treatment of technical math beginning with general math, fractions, and decimals. Measurement and measurement tools, layout, area measure, and volume measure are all explained in detail with numerous exercises. A special effort has been made to set exercises in the context of real life technical work tasks.</p>	<p><b>PRE-APPRENTICESHIP II</b></p> <p>The Carpentry Apprenticeship I is designed to further advance students in the field of carpentry. The curriculum was created and published by the Carpenters International Training Fund (CITF). Certification in CITF Pre-Apprenticeship Level 1 demonstrates the student has knowledge concerning safety and precautions, an understanding of tools and safe operating procedures, materials and fasteners; and the ability to safely and efficiently complete 15 step-by-step projects that require basic skills including the tote box, step stool, and storage chest to the specified specifications. Certified graduates may receive advanced placement in a pre-apprenticeship and/or apprenticeship programs.</p> <p><b>Prerequisite: PRE-APPRENTICESHIP I</b></p>
<p><b>INTRO TO ENGINEERING DESIGN</b></p> <p>Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.</p> <p>Topics include: Design Process, Technical Sketching, Measurement and Statistics, Modeling Skills, Geometry of Design, Reverse Engineering, Advanced Computer Modeling and Documentation.</p> <p>Students are engaged in open-ended problem solving, learn and apply the engineering design process, and use the same industry-leading technology and software as are used in the world's top companies.</p>	