MANDEVILLE HIGH SCHOOL

2026-2027 Course Description Guide

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Introduction

The purpose of this guide is to help you and your parents make better decisions concerning your course selections for the coming year. It is essential that you think seriously about a particular subject before scheduling it. It is also important to use this booklet for an overall plan for your entire school career. Each class that you choose should be a part of an overall plan. Read this guide carefully and discuss your plans with your parents.

Counselors

A counselor is assigned to you and will work with you concerning vocational and career information, college and scholarship counseling, personal problems, testing, written recommendations, references, etc. You would be well advised to communicate your unique interests, abilities, needs, and ambitions to your counselor.

It is important to understand that the role of the counseling staff is to advise students. Students and their parents/guardians assume full responsibility for the coursework scheduled. Though the school personnel will attempt to locate and correct any errors, it is the students' and their parents' responsibility to select the courses, keep copies of records and plan their schedule to meet all requirements for graduation. Also, parents and students have the responsibility to check the requirements for the college of their choice and schedule coursework accordingly.

LEAP 2025 Assessment

The Louisiana Department of Education has initiated a LEAP 2025 assessment program to support consistent and rigorous standards in key high school courses. Beginning in 2017-2018, Louisiana transitioned to LEAP 2025 to replace the former EOC. Students who entered 9th grade in 2017-2018 or beyond must pass three LEAP 2025 Tests in the following categories to earn a standard diploma: (a) English I or English II; (b) Algebra I or Geometry; and (c) Biology or U.S. History.

Dual Enrollment Program

Dual Enrollment is a program that allows eligible high school students, currently attending St. Tammany Parish public or private schools, to concurrently enroll in a college course. The credits that students earn will be eligible towards both a high school diploma and college credit.

Career and Technical Education Compliance

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 Mary Hart, 321 N Theard Street Covington, La. 70433; phone (985) 892-2276; email Mary.Hart@stpsb.org.

The 504 Coordinator is Candice Dozier, 321 N Theard Street Covington, La. 70433; phone (985) 898-3309; email Candice.Dozier@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 Mary Hart,, 321 N Theard Street Covington, La. 70433; teléfono (985) 892-2276; correo electronico Mary.Hart@stpsb.org.

La coordinadora de las services de 504 es Candice Dozier, 321 N Theard Street Covington, La. 70433; teléfono (985) 898- 3309; correo electronico Candice.Dozier@stpsb.org.

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 Kĩ 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 Mary Hart, 321 N Theard Street Covington, La. 70433; điện thoại (985) 892-2276; email Mary.Hart@stpsb.org.

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Tất cả học sinh có cơ hội tham gia Chương Trình Học Nghề Nghiệp và Kĩ 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 Ẩm 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.

High School Graduation Options

Louisiana TOPS University Curriculum

The successful completion of the Louisiana TOPS University Diploma Curriculum requires a minimum of 24 units in specific courses as detailed in this course description guide. Students who successfully complete this curriculum will have completed the minimum required curriculum as a component of TOPS eligibility as well as Louisiana public university freshman entrance requirements. Eligibility for TOPS, as well as entrance to Louisiana public universities, also relies on earning a minimum required GPA as well as minimum required ACT composite scores and subscores.

Louisiana TOPS Tech Career Curriculum

TOPS TECH is the state's initiative for school districts, colleges, and businesses to collaborate in providing ***career courses*** and ***workplace experiences*** to high school students, allowing them to continue their education after high school, ***certifying them for career fields*** most likely to lead to high-wage jobs. A parent or guardian must sign and file a written statement with the school asserting their consent to the student graduating without completing the TOPS University Diploma Curriculum.

While in high school, participating students will be provided more time during the school day to achieve ***industry certificates or college credentials*** in addition to their high school diplomas. These credentials will qualify graduates to continue their studies after high school at a Community or Technical College ***OR*** to launch a career upon graduating. **Students completing the TOPS TECH Career Curriculum must complete a TOPS TECH Pathway of 9 pathway credits, with a total of 23 high school credits, an industry based certification for the chosen pathway, and pass 3 of the 6 LEAP 2025 tests to earn a high school diploma.**

Local Requirements for Graduation

Since a 4-period block schedule has been funded to enhance educational opportunities for high school students, it is the intent of the St. Tammany Parish School District to have students complete four full years of a high school education. Seniors are required to enroll in a minimum number of classes for credit during both semesters of their senior year.

It is strongly recommended that students who wish to get an early start in college participate in concurrent enrollment or Early Start/Dual Enrollment courses.

Individual Graduation Plan Requirements

By the end of the eighth grade, each student shall develop, with the input of his/her family, an Individual Graduation Plan (IGP). The purpose of the IGP document and related activities are as follows: explore educational and career opportunities, make appropriate secondary/postsecondary decisions as part of an overall career plan, plan based on the student's talents and interests, and consider graduation requirements relevant to the student's chosen area of concentration and postsecondary entrance requirements.

The student, parents/guardians, and counselor will review the plan and initial the respective grade level regardless of changes annually. IGPs with original signatures will be kept on file at the school.

Louisiana's Taylor Opportunity Program for Students (TOPS)

This program awards college, university, or state technical college tuition to Louisiana high school graduates at a Louisiana college or university who meet specific academic standards. **To receive the TOPS award, students must earn a cumulative grade point average of 2.5 in the core curricula courses listed below and must have an ACT score equal to or greater than the state's prior year average**. The annual award amount varies since it is based on the amount of tuition and mandatory fees charged by individual institutions. TOPS offers five award programs.

The application for the TOPS award begins with filing the Free Application for Federal Student Aid (FAFSA***). The FAFSA form must be filed within the deadlines for priority consideration and to avoid penalties. The FAFSA must be received by the final state deadline set by the TOPS office***. A FAFSA may be completed over the Internet at https://studentaid.gov. **It is the student and parent's responsibility to fill out the FAFSA and to meet the required deadlines**. The St. Tammany Parish School Board sponsors a parent meeting with a representative from the Office of Student Financial Assistance to provide information about completing the FAFSA form.

The TOPS Opportunity Curricula is listed on the following pages. The eligibility requirements and rules governing the TOPS program are subject to legislative and regulatory amendments subsequent to the date of the last published brochure. It is the responsibility of the student and parent to be aware of the TOPS requirements and changes.

Louisiana Public University Admissions

Please check with your Guidance Counselor and/or the specific institution in which you are interested for requirements.

Weighted Courses

Weighted grades apply to English, Mathematics, Science, and Social Studies in designated courses of honors, gifted, Advanced Placement, and articulated, non-remedial college courses. A notation will appear on the transcript to indicate which courses were weighted. All students enrolled in weighted courses will receive an extra quality point for an A, B, or C earned in a maximum of 16 weighted courses from the designated weighted courses.

Compliance Notice

The St. Tammany Parish School Board adheres to the equal opportunity provisions of the Federal Civil Rights laws and regulations that are applicable to this agency. Therefore, no one will be discriminated against on the basis of race, color, or national origin (Title VVI of the Civil Rights Act of 1964); sex (Title IX of the Education Amendments of 1972); disability (Section 504 of the Rehabilitation Act of 1973) in attaining educational goals and objectives and in the administration of personnel policies and procedures. Anyone with questions regarding this policy may contact the St. Tammany Parish School Board at 985-892-2276.

Side-by-Side Comparison of Graduation Requirements for Graduating Class of 2027

	LA TOPS UNIVERSITY DIPLOMA CURRICULUM		LA TOPS TECH CAREER DIPLOMA CURRICULUM	
SUBJECT	**# of Units**	**Courses**	**# of Units**	**Courses**
English	1	English I	1	English I
	1	English II	1	English II
	1	English III	1	English III or Technical Writing
	1	English IV	1	English IV or Business English
	4		**4**	
Math	1	Algebra I	1	Algebra I
	1	Geometry	3	Geometry, Algebra II, Advanced Math Functions, Algebra III, College Algebra, Math Essentials, Financial Literacy, or Business Math
	1	Algebra II		
	1	Advanced Math Functions, Algebra III, College Algebra, Trigonometry, Calculus, or Prob & Stat		
	4		**4**	
Social Studies	1	Government	1	Government
	1	U.S. History	1	U.S. History
	2	World History, World Geography, Eur Hist, AP Macro or AP Psychology		
	4		**2**	
Science	1	Biology	1	Biology
	1	Chemistry	1	Physical Science, Chemistry, Earth Science or Environmental Science
	2	Physics, AP Biology II or Biology II (not both), AP Chemistry, Environmental Science, Earth Science, Physical Science or Princ. of Engineering (not both)		
	4		**2**	
Physical Education/ Health	1	Physical Education I or JROTC I	1	Physical Education I or JROTC I
	.5	Physical Education II or JROTC II	.5	Physical Education II or JROTC II
	.5	Health (JROTC I and II will substitute for .5 Health)	.5	Health (JROTC I and II will substitute for .5 Health)
	2		**2**	
Fine Arts	2	Foreign Language		
	1	Fine Arts Survey, Art, Music, Theater, or Basic Tech Drafting		
	3		**0**	
Electives	3	Electives (3 credits)	9	**Include minimum courses required to complete TOPS TECH Pathway with required certification(s).**
	3		**9**	
Total	**24**		**23**	

Side-by-Side Comparison of Graduation Requirements for graduating classes of 2028 and Beyond

	LA TOPS UNIVERSITY DIPLOMA CURRICULUM		LA TOPS TECH CAREER DIPLOMA CURRICULUM	
SUBJECTS	**# of Units**	**Courses**	**# of Units**	**Courses**
English	1	English I	1	English I
	1	English II	1	English II
	1	English III	1	English III or Technical Writing
	1	English IV	1	English IV or Business English
	4		**4**	
Math	1	Algebra I	1	Algebra I
	1	Geometry	1	Geometry
	1	Algebra II	2	Geometry, Algebra II, Advanced Math Functions, Algebra III, College Algebra, Math Essentials, Financial Literacy, or Business Math
	1	Advanced Math Functions, Algebra III, College Algebra, Trigonometry, Calculus, or Prob & Stat		
	4		**4**	
Social Studies	1	Government	1	Government
	1	U.S. History	1	U.S. History
	2	World History, World Geography, Eur Hist, AP Macro or AP Psychology		
	4		**2**	
Science	1	Biology	1	Biology I
	1	Chemistry	1	Physical Science, Chemistry, Earth Science or Environmental Science
	2	Physics, AP Biology II or Biology II (not both), AP Chemistry, Environmental Science, Earth Science, Physical Science or Prin of Engineering (not both)		
	4		**2**	
Physical Education /Health	1	Physical Education I or JROTC I	1	Physical Education I or JROTC I
	.5	Physical Education II or JROTC II	.5	Physical Education II or JROTC II
	.5	Health (JROTC I and II will substitute for .5 Health)	.5	Health (JROTC I and II will substitute for .5 Health)
	2		**2**	
Fine Arts	2	Foreign Language		
	1	Fine Arts Survey, Art, Music, Theater, or Basic Tech Drafting		
	3		**0**	
Electives	3	Personal Finance or equivalent (1 credit) Elective (1 credit)	9	**Include minimum courses required to complete TOPS TECH Pathway with required certification(s).**
	3		**9**	
Total:	**24**		**23**	

Louisiana TOPS *University* Scholarship Requirements

Curriculum represents minimum graduation requirements for the class of 2027. It may not be the same as the core curriculum requirements for college admissions.

TOPS UNIVERSITY SCHOLARSHIP REQUIREMENTS FOR GRADUATES OF 2027	
Courses	**Credits Needed**
English	**4**
English I	1
English II	1
English III	1
English IV	1
Math	**4**
Algebra I	1
Geometry	1
Algebra II	1
Advanced Math Functions, Algebra III, College Algebra, Trigonometry, Calculus, or Probability & Statistics	1
Science	**4**
Biology I	1
Chemistry I	1
Physical Science or Principles of Engineering Design, Earth Science, Environmental Science, Biology II, Chemistry II, or Physics	2
Social Studies	**4**
Government	1
U.S. History	1
World History, AP European History, World Geography, or AP Psychology	2
Fine Arts	**1**
Art I, Fine Arts Survey, or substitute 1 unit of performance courses in music, dance, or theater; or 1 unit of studio or visual art, or 1 unit of Basic Tech Drafting	1
Foreign Language	**2**
Foreign Language I	1
Foreign Language II (2 units of the same language)	1
Total Credits	**19**

*TOPS requirements should be checked for annual changes.

Louisiana TOPS *Tech* Scholarship Requirements

Curriculum represents minimum graduation requirements for the class of 2027.

TOPS TECH SCHOLARSHIP REQUIREMENTS FOR 2 YEAR TECHNICAL OR COMMUNITY COLLEGE FOR GRADUATES OF 2027	
Courses	**Credits Needed**
English	**4**
English I	1
English II	1
English III, English IV, Technical Writing, or Business English	2
Math	**4**
Algebra I	1
Geometry, Financial Literacy, Business Math, Math Essentials, Algebra II, Advanced Math Functions, Algebra III, College Algebra, Trigonometry, Calculus, or Probability and Statistics	3
Science	**2**
Biology I	1
Environmental Science, Earth Science, Physical Science, or Chemistry	1
Social Studies	**2**
Government	1
U.S. History	1
TOPS Tech Pathway Elective Courses	**9**
Remaining courses must be selected from the student's chosen TOPS Tech career pathway. **Students must also earn an Industry-Based Certification within his/her chosen career pathway.**	9
Total Credits	**21**

Mandeville High School Course Offerings

English
English I
English I* (H)
English I* (G)
English II
English II* (H)
English II* (G)
English III
English III* (DE)
English III* (AP)
English IV
English IV* (DE)
English IV* (AP)
Business English
ESL I
ESL II
ESL III
Mythology
Film in U.S.

Social Studies
World Geography
World Geography* (H)
World Geography* (G)
Government
Government* (H)
Government* (AP)
Government* (G)
U.S. History
U.S. History* (DE)
U.S. History* (AP)
World History
World History (DE)
Sociology
Psychology
Psychology (AP)*
Comparative Government (AP)
Macroeconomics (AP)
European History (AP)
Contemporary Issues*
Law Studies
Principles of Business
Customer Service

Mathematics
Algebra I
Algebra I* (H)
Geometry
Geometry* (H)
Geometry* (G)
Algebra II
Algebra II* (H)
Algebra II* (G)
Advanced Math Functions
Algebra III
Financial Literacy
Trigonometry (DE)
Pre-Calculus* (AP)
College Algebra (DE)
Trigonometry (DE)
Probability and Statistics (DE)
Business Math
Calculus* (DE)
Calculus* (AP)

Allied Health
Health Science
Emergency Medical Responder
Medical Terminology (DE)
Emergency Medical Technician (DE)*
Pre-Practical Nursing (DE)*

Business Education & Computer Technology
Intro to Bus. Computer Applications
Certified Internet Web Professional I
Certified Internet Web Professional II
Fundamentals of Software Dev. Level 1
Advanced Javascript Level 2
Principles of Marketing

Communication
Speech I
Speech II
Yearbook I
Yearbook II
Yearbook III
Yearbook IV
Digital Media I
Digital Media II
Digital Media III
Digital Media IV
Television Production I
Television Production II

Science
Physical Science
Physical Science* (H)
Biology
Biology* (H)
Biology (G)
Biology II *(H)
Biology II* (AP)
Earth Science
Environmental Science
Environmental Science (AP)
Chemistry
Chemistry* (H)
Chemistry (DE)
Chemistry (G)
Chemistry II (AP)
Physics
Physics (H)
Forensic Science
PLTW Intro to Engineering Design
PLTW Principles of Engineering

Career Transition
J.A.G.
Quest for Success

Family & Consumer Sciences/Pro Start
Family and Consumer Science
Child Development
Clothing & Textiles Occupations
Nutrition and Food
Baking and Pastry
ProStart

Education and Training
Foundations in Education (DE)
Learning Communities (DE)

Fine Arts
Art I
Art II
Fine Arts Survey

Music and Performing Arts
Beginning Piano Lab
Intermediate Band
Advanced Band
Jazz Ensemble*
Sectional Rehearsal
Wind Ensemble
Beginning Choir
Small Vocal Ensemble*
Mixed Chorus*
Color Guard*

Foreign Language
French I
French II
French 101 (DE)
French 102 (DE)
French 201 (DE)
French 202 (DE)
Spanish I
Spanish II
Spanish 101 (DE)
Spanish 102 (DE)
Spanish 201 (DE)
Spanish 202 (DE)

Standardized Test Preparation
ACT Preparation

Senior Internship
Internship*

Physical Education
Physical Education I
Physical Education II
Physical Education III
Physical Education IV
Conditioning II (Football)
Conditioning III (Football)
Conditioning IV (Football)
Varsity Team PE I (Girls)
Varsity Team PE II (Girls)
Varsity Team PE III (Girls)
Health
Cheer or Dance Team

Industrial Technology Education
Basic Tech Drafting (DE)
Advanced Technical Drafting
Automotive Tech I*
Pre-Apprentice I (Carpentry)
Pre-Apprentice II (Carpentry)
Welding (DE)
HVAC (DE)

Talented Classes
Talented Theatre I (T)
Talented Theatre II (T)
Talented Theatre III (T)
Talented Theatre IV (T)
Talented Art I (T)
Talented Art II (T)
Talented Art III (T)
Talented Art IV (T)
Talented Music I (T)
Talented Music II (T)
Talented Music III (T)
Talented Music IV (T)

MCJROTC
JROTC I
JROTC II
JROTC III
JROTC IV

Leadership
Developmental Leadership Skills*

Special Education
These course numbers are used to place special education students in a classroom setting with direct, special education support services.
Algebra I Resource
Geometry Resource
Business Math Resource
Financial Literacy Resource
English I Resource
English II Resource
English III Resource
Biology Resource
Government Resource
U.S. History Resource
Study Skills I/II/III/IV

No Credit Courses

Short Day
1st Period
2nd Period
3rd Period
4th Period
*Students must be enrolled in two consecutive courses

***Requires teacher approval**

Mandeville High School Course Descriptions

ENGLISH

English I
Grade 9
Students will read and analyze selections from various literary genres in a thematic format. Vocabulary study and grammar review are integrated with the literature. Students will improve their writing skills using the writing process to develop various forms of paragraphs and essays. All students will take a LEAP 2025 test in this subject at the end of the course.

English I (Honors)
Grade 9
Prerequisite: **Advanced or Mastery score on the LEAP 2025 ELA test**
English I Honors is designed for the student with high reading ability and strong interest in developing writing skills. Students read and analyze nonfiction, short stories, epic drama, poetry, and selected novels of World and American Literature. Writing will focus on using the writing process to develop various types of essays and literary analyses. Vocabulary study will include new words from literary selections. Required summer reading will be tested the first two weeks of school. All students will take a LEAP 2025 test in this subject at the end of the course.

English I (Gifted)
Grade 9
Gifted classes require a current IEP identifying the student as "gifted". All students will take a LEAP 2025 test in this subject at the end of the course.

English I (Resource)
for students pursuing the TOPS TECH DIPLOMA curriculum
Grade 9
Special Education classes require a current IEP identifying the student as meeting special education criteria. Any student in this course will follow the TOPS TECH DIPLOMA curriculum. All students will take a LEAP 2025 test in this subject at the end of the course.

English II
Grade 10
English II is a survey of American and British Literature including poetry, drama, and selected novels. Students review grammar skills with an emphasis on usage and sentence structure. Students will study vocabulary through literary content and use the writing process to develop various types of essays. All students will take a LEAP 2025 test in this subject at the end of the course.

English II (Honors)
Grade 10
Prerequisite: **Credit in Eng I Honors or Gifted**
Honors English II is designed for the student with strong critical thinking skills, high reading ability, and an interest in developing good writing. Students read and analyze nonfiction, short stories, epic drama, poetry and selected novels of World and American literature. Writing will be focused on using the writing process to develop various types of essays and literary analysis. Vocabulary study will include new words from literary selections. Required summer reading will be tested the first two weeks of school. All students will take a LEAP 2025 test in this subject at the end of the course.

English II (Gifted)
Grade 10
Gifted classes require a current IEP identifying the student as "gifted." All students will take a LEAP 2025 test in this subject at the end of the course.

English II (Resource)
for students pursuing the TOPS TECH DIPLOMA curriculum
Grade 10
Special Education classes require a current IEP identifying the student as meeting special education criteria. Any student in this course will follow the TOPS TECH DIPLOMA curriculum. All students will take a LEAP 2025 test in this subject at the end of the course.

English III
Grade 11
English III is a chronological survey of American literature from the Colonial Period to contemporary times. Students will review historical background and analyze works of fiction, nonfiction and poetry. Novel study will be based on state and parish curriculum along with teacher recommended selections. Students will learn terminology to analyze complex literature and work to develop improved reading comprehension skills. Students will work to improve writing style and sentence structure through essay writing. They will utilize research and technology in a formal research paper assignment.

English III Composition I (Dual Enrollment)
Grade 11
Prerequisite: **Credit in Eng I & II Honors or Gifted**

This course requires students to be dual enrolled through SLU. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 18 and Math subscore of 19. (Subject to possible change,) Dual Enrollment may carry a cost if the student elects to pursue it.

English III Composition I DE focuses on instruction and practice in the basic principles of argumentative writing: the paragraph and the whole composition, the methods of development, the thesis, the outline and organization, the structure and style, and MLA format. Instruction in functional grammar, sentence structure, diction and spelling, punctuation and mechanics, and usage will be covered in direct relation to the student 's writing. The course will also be a survey of a variety of reading material including nonfiction pieces, poetry, short stories, etc. Literature will be dictated by Southeastern Louisiana University for study and analysis and will require analysis/argument essays. Some literature may be based on state and parish curriculum along with teacher-recommended selections. Various group and individual assignments will require research and presentation.

English III (AP)

Grade 11

Prerequisite: **Credit in Eng I & II Honors or Gifted**

This college-level course provides an in depth approach to the study of nonfiction and the terminology used to analyze it. Students will read to examine an author's purpose in articles, essays, and novels. They will further develop their own writing skills by studying the structure and devices used to develop various modes of writing with a particular focus on argument and persuasion. Advanced Placement credit is available to students who take the AP Language and Composition Exam in the spring, and some class time will be used for preparation. Students who schedule this class are responsible for completing a summer reading assignment that will be assessed during the first two weeks of school.

English III Resource

FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM

Grade 11

Special Education classes require a current IEP identifying the student as meeting special education criteria. Any student in this course will follow the TOPS TECH DIPLOMA curriculum.

Business English

FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM

Grade 12

Prerequisite: **Credit in Eng I, II & III**

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.

English IV

Grade 12

Prerequisite: **Credit in Eng I, II & III**

English IV is an introduction to British and world literature from the first story ever put in print to the work of contemporary British and international writers. Students will read and analyze novels from state and local curriculum and a teacher approved list. Writing and technology skills will be developed through composition in various modes. Students will also be required to complete several essays utilizing MLA format throughout the course.

English IV Composition I (Dual Enrollment)

Grade 12

Prerequisite: **Credit in Eng I, II & III**

This course requires students to be dual enrolled through SLU. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 18 and Math subscore of 19. (Subject to possible change,) Dual Enrollment may carry a cost if the student elects to pursue it.

English IV Composition I DE focuses on instruction and practice in the basic principles of argumentative writing: the paragraph and the whole composition, the methods of development, the thesis, the outline and organization, the structure and style, and MLA format. Instruction in functional grammar, sentence structure, diction and spelling, punctuation and mechanics, and usage will be covered in direct relation to the student 's writing. The course will also be a survey of a variety of reading material including nonfiction pieces, poetry, short stories, etc. Literature will be dictated by Southeastern Louisiana University for study and analysis and will require analysis/argument essays. Some literature may be based on state and parish curriculum along with teacher-recommended selections. Various group and individual assignments will require research and presentation.

English IV Composition II (Dual Enrollment)

Grade 12
Prerequisite: **Credit ENGLISH 1010 or an English ACT score of 29 or higher.**
This course requires students to be dual enrolled through SLU. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 18 and Math subscore of 19. (Subject to possible change,) Dual Enrollment may carry a cost if the student elects to pursue it.

English IV Composition II DE focuses on the 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. The course will also be a survey of British and world literature in translation. Students will read and analyze literature and write a variety of compositions including exposition and literary analysis. They will improve their use of research, technology, and presentation skills. Novel study will be based on state and local curriculum as well as teacher recommended selections. Some reading selections will be dictated by Southeastern Louisiana University for study and analysis and will require analysis/argument essays.

English IV (AP)
Grade 12
Prerequisite: **Credit in Eng III Honors, AP or Gifted**
This course is designed around the guidelines and suggestions published in the most recent AP Literature and Composition course description. Advanced Placement English IV emphasizes the development and use of critical thinking skills. Students will be reading at an accelerated pace and writing regularly. Students will study examples of prose, drama, and poetry from various periods. The class will also focus on preparation for college level research and writing. College credit is available to students who take the AP English Exam.

English as a Second Language (ESL)
ESL I, II, II
These courses develop proficiency skills in listening, speaking, reading, and writing from beginning to advanced levels and expand vocabulary, grammar, and reading comprehension through the content areas. Emphasis is placed on contextual understanding, linking to real-life experiences, interactive communication, and personal expression. The focus is on developing cognitive academic language proficiency and the vocabulary essential for acquiring classroom survival skills while at the same time expanding the basic interpersonal communicative skills required to function successfully in daily life.
Mythology
Grades 11 & 12
This course is recommended for college-bound students. This course emphasizes the importance of myth in the development of literature. The students will study important figures in Greek and Roman myths; they will also be acquainted with the Norse myths and the Arthurian legend. The study of the influence of the gods on the classical peoples will serve as a focal point for the course.

Film in U.S.
Grades 11-12
This course will cover the techniques and elements of filmmaking. Emphasis will be placed on narrative structure, including plot, characterization, setting, conflicts, and thematic development.

MATHEMATICS

Algebra I
Grade 9
This course includes understanding the use of the language of algebra, performing operations with real numbers, solving linear equations and inequalities, computations with polynomials, factoring polynomials, performing operations with algebraic fractions, solving quadratic equations and understanding the integration of algebra with other mathematics. A graphing calculator is strongly recommended for this class. All students will take a LEAP 2025 test in this subject at the end of the course.

Algebra I (Honors)
Grade 9
Prerequisite: **Advanced or Mastery on LEAP 2025 math test**
This course includes understanding the use of the language of algebra, performing operations with real numbers, solving linear equations and inequalities, solving systems of equations, computations with polynomials, factoring polynomials, performing operations with algebraic fractions, solving quadratic equations and understanding the integration of algebra with other mathematics. Emphasis is placed on real world applications. A graphing calculator is strongly recommended for this course. All students will take a LEAP 2025 test in this subject at the end of the course.

Algebra I (Resource)
FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM
Grade 9
A current IEP identifying the student as meeting Special Education criteria is required. Any student in this course will follow the TOPS TECH DIPLOMA curriculum. All students will take a LEAP 2025 test in this subject at the end of the course.

Geometry
Grade 10
Prerequisite: **Algebra I**
This course includes the structure of geometric relationships in a plane, properties of angles and perpendicular lines, methods of reasoning and types of simple proofs, recognition and application of an angle, the characteristics of a circle, perimeter, area, and volume of geometric figures. All students will take a LEAP 2025 test in this subject at the end of the course.

Geometry (Honors)
Grades 9-10
Prerequisite: **Alg I Honors or Gifted or Advanced or Mastery on LEAP 2025 math test; recommended that students have earned an A or B In Alg I Honors or Gifted**
This course covers all topics discussed in On Level Geometry, but more emphasis is placed on applications. Additional topics covered include trigonometry, polygons, similar triangles, and probability. Appropriate use of scientific and graphing calculators and manipulative and application software will be an integral part of the instruction and assessments. Emphasis is placed on independent modeling, practice, discovery, and problem-solving assignments and projects. Students will be expected to demonstrate transferring of geometric concepts to new and different situations. All students will take a LEAP 2025 test in this subject at the end of the course.

Geometry (Gifted)
Grade 10
A current IEP identifying the student as "gifted" is required. All students will take a LEAP 2025 test in this subject at the end of the course.

Geometry (Resource)
FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM
Grade 10
A current IEP identifying the student as meeting Special Education criteria is required. . Any student in this course will follow the Tops Tech Diploma curriculum. All students will take a LEAP 2025 test in this subject at the end of the course.

Algebra II
Grade 11
Prerequisite: **On level or higher Algebra I and Geometry**
This course includes working with properties of real numbers, sets and set notation, equations and inequalities, graphing systems of equations, relations and functions, rational expressions, radicals and quadratic functions, complex numbers and quadratic equations, conic sections and exponential and logarithmic functions. A graphing calculator is strongly recommended for this course.

Algebra II (Honors)
Grade 11
Prerequisite: **Alg I and/or enrollment in Geometry Honors; recommended that students have earned an A or B in Geom and Alg I Honors or Gifted**
This course covers all topics presented in Algebra II On Level but in greater depth. More emphasis is placed on theory, derivation, and real world applications. A graphing calculator is strongly recommended for this course.

Algebra II (Gifted)
Grade 11
Prerequisite: **Alg I Honors or Gifted and/or enrollment in Geometry Honors or Gifted**
A current IEP identifying the student as "gifted" is required prior to enrollment.

Advanced Math- Functions
Grades 11-12
Prerequisite: **Algebra I, Geometry, and Algebra II**
This advanced-level post-Algebra II math course includes the skills needed to succeed in a non-STEM pathway at a 2- or 4-year university. This course will focus on multiple representations of functions through authentic and relevant real-life applications building on skills gained in Algebra II. Students will continue building statistical knowledge by exploring data through analysis of graphs, distributions, and statistical measures. This course explores topics using authentic and relevant applications to derive information from data in a real-world context.

Algebra III
Grades 11-12
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.

Pre-Calculus (AP)
Grades 11-12
Prerequisite: **Algebra I, Geometry, and Algebra II**
This course will prepare students for college-level math and science courses, particularly calculus. It builds upon algebra and geometry concepts, focusing on functions and their various representations, including polynomial, rational, exponential, logarithmic, trigonometric, and polar functions. The course emphasizes modeling real-world scenarios with functions and developing strong analytical and problem-solving skills.

College Algebra (Dual Enrollment)
Grades 11-12

Prerequisite: **Algebra I, Geometry, and Algebra II**
This course requires students to be dual enrolled through SLU. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 18 and Math subscore of 19. (Subject to possible change) Dual Enrollment may carry a cost if the student elects to pursue it.

Students will pursue 3 hours of college credit. 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.

TRIGONOMETRY (DUAL ENROLLMENT)
Grades 11-12
Prerequisite: **Credit in College Algebra (DE)**
This course requires students to be dual enrolled through SLU. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 18 and Math subscore of 19. (Subject to possible change,) Dual Enrollment may carry a cost if the student elects to pursue it.

Topics include a review of Algebra II, the nature of graphs of polynomial and rational functions, trigonometry, exponential and logarithmic functions, sequences and series, and polar coordinates. A TI-30X IIS calculator (not multi view) is strongly recommended for this course.

PROBABILITY AND STATISTICS (DUAL ENROLLMENT)
Grade 12
Prerequisite: **College Algebra (DE) or Math ACT score of 28 or higher.**
This course requires students to be dual enrolled through SLU. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 18 and Math subscore of 19. (Subject to possible change) Dual Enrollment may carry a cost if the student elects to pursue it.

Fundamental and advanced topics including the counting principle, permutations, combinations and statistical analysis of data. Both descriptive and inferential statistics are covered. A TI-84 graphing calculator is required.

CALCULUS (DUAL ENROLLMENT)
Grade 12
Prerequisite: **Credit in Pre-Calc (DE) or Math ACT score of 28 or higher.**
This course requires students to be dual enrolled through SLU. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 18 and Math subscore of 19. (Subject to possible change,) Dual Enrollment may carry a cost if the student elects to pursue it.

Honors Calculus is the study of college algebra, differential and integral concepts needed for Business Calculus. It is designed for general business, finance, economics, accounting, management, and marketing students. Topics include differential and integral calculus of algebraic, logarithmic, and exponential functions with applications to business and economics.

CALCULUS (AP)
Grade 12
Prerequisite: **A "B" or better in Pre-Calculus Gifted or Honors**
This course is a study of the concepts of differential and integral calculus. It is designed for self-motivated, self-disciplined students who are interested in taking the advanced placement test for college credit. It will involve intense preparation for both multiple choice and free response sections of the Advanced Placement test. A graphing calculator (preferably TI-84 or TI Nspire) is required for this course.

FINANCIAL LITERACY
FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM
Grade 11
Prerequisite: **Algebra I and Geometry**
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.

BUSINESS MATH
FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM
Grade 12
Prerequisite: **Algebra I, Geometry, and Financial Literacy**
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.

SCIENCE

Physical Science
Grade 9
This course provides an introduction to chemistry and physics topics such as the study of matter, the structure of the atom and compounds, the periodic table of elements, chemical equations, and chemical reactions. In the physics semester, the study of motion, forces, simple machines, electricity, light, and sound will be undertaken. Lab activities and teacher demonstrations support individual learning.

Physical Science (Honors)
Grade 9
Prerequisite: **Advanced or Mastery on LEAP 2025 science test**
This course is designed to prepare students for high school chemistry and physics. It includes an in-depth study of the basic concepts, principles, laws, and theories of chemistry, such as matter, atomic theories, the structure of atoms and compounds, ionic and covalent compounds, and balancing equations and reactions. In the physics section, focus is made on the laws of motion, forces, energy, waves, sound, and light. Some labs will be done, along with teacher demonstrations. Math is involved in this course.

Biology
Grade 10
An anchor-phenomenon-based study of living things, including units on evolution, genetics, ecology, systems, and cycles. The course studies both plants and animals and does include an organism dissection. All students will take a LEAP 2025 test in this subject at the end of the course.

Biology (Honors)
Grades 9 & 10
Prerequisite: **Advanced or Mastery on LEAP 2025 science test and/or 1 credit in Physical Science Honors or Gifted**
A generalized study of living things. The course includes a study of cells, cellular chemistry, plant and animal structure and function, as well as studies of genetics and human systems. The course is based on anchor phenomena and includes dissection of various organisms. The pace of this course will be faster than other Biology classes. All students will take a LEAP 2025 test in this subject at the end of the course.

Biology (Gifted)
Grade 9-10
A current IEP identifying the student as "gifted" is required. All students will take a LEAP 2025 test in this subject at the end of the course.

Biology (Resource)
FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM
Grade 10
A current IEP identifying the student as meeting Special Education criteria is required. Any student in this course will follow the TOPS TECH DIPLOMA curriculum. All students will take a LEAP 2025 test in this subject at the end of the course.

Biology II (Honors)
Grade 11-12
Prerequisite: **Credit in Biology Honors or Gifted**
A laboratory-based study of comparative anatomy and physiology. The individual human systems will be discussed, and the discussion will be reinforced with regular dissection and study of the cat's anatomy.

Biology II (AP)
Grade 12
This class culminates with students taking the Advanced Placement Exam in the spring semester. There is a fee associated with the AP Test. The course is designed to allow students to test out of their freshman science classes in college. The course is divided into a number of units, including an in-depth study of molecular biology and cell biology, genetics, evolution, diversity, ecology, and study of the systems of both plants and animals. Any student enrolling in AP Biology II must be willing to devote 4-6 hours of outside study and preparation to the class each week.

Environmental Science (AP)
Grades 10-12
Prerequisite: **Credit in Biology I (with an A in on-level Biology or an A or B in Honors or Gifted). Students should also have completed Algebra I, which provides the math skills needed for analysis of laboratory data.**
RECOMMENDED PREREQUISITES: Credit in Physical Science and/or Chemistry is helpful but not required.

The AP Environmental Science course is designed to be the equivalent of an introductory college course in environmental science. In the course, students will study the scientific principles, concepts, and methodologies needed to understand the interrelationships between organisms and resources within the natural world. Students can receive college credit for the course if they choose to take the AP Environmental Science Exam in May and receive a score of 3, 4, or 5. In AP Environmental Science (APES), students will 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. AP Environmental Science is an interdisciplinary course, meaning that it examines topics from many diverse subjects, including geology, biology, ecology, chemistry, and geography. The course illustrates how these diverse disciplines work together to affect the natural world.

At least 25% of the course will be devoted to laboratory experimentation and field observations.

Environmental Science
Grades 11-12
Environmental science is the study of human interactions with the environment designed to provide students with a balanced approach to the diverse study of the environment. Emphasis in the course is the study of science and the development of thinking and decision making skills. The field of environmental science offers a rare occasion to apply many different sciences to extend our knowledge of both our world and its inhabitants. The course will provide students with the scientific background they need to analyze many of the issues concerning our environment for themselves. Students will improve their awareness of environmental problems we are facing now and will be facing in the future.

Earth Science
Grades 11-12
Earth science studies the planet's interconnected systems by covering topics in geology, meteorology, oceanography, and astronomy. In this class, we will explore Earth's history, the forces that shape the surface, and its position and role in the universe. Key topics include geologic time, plate tectonics, rock/mineral formation, weather and climate patterns, ocean currents, and Earth's place in the solar system, focusing on natural processes. Some basic understanding of chemistry is highly encouraged.

Chemistry
Grade 10
Prerequisite: **Enrolled in or completed Algebra II**
Topics covered will include measurement and quantitative analysis using the SI system, the language of Chemistry, the structure and properties of matter, atomic structure and theory, properties of elements and their periodicity, use of the periodic table, chemical bonding, the nature of chemical reactions and representing reactions, the mole concept, and stoichiometry, solutions, acids and bases, neutralization, and the gas laws.

Chemistry (Honors)
Prerequisite**: Biology Honors and Physical Science Honors**
To be scheduled concurrently with Algebra II, this course covers the same material as on-level Chemistry, but more in-depth and at an accelerated rate.

Chemistry (Dual Enrollment)
Grade 11
Teacher approval required.
Prerequisite: **A 'B' or better in Algebra I and Biology.**
To be scheduled concurrently with Algebra II.
Dual enrollment chemistry is a first-year Honors Chemistry course that will earn a Chemistry credit for high school and, at the same time, earn a 3-hour Chemistry credit from Southeastern Louisiana University. Much of the work for Southeastern will be completed online with the help of the instructor. Lectures will be given by the instructor here at Mandeville High. Labs will also be included. All work is completed here at Mandeville High with some outside study and problem solving done at home.

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 18 and Math subscore of 19. (Subject to possible change.) Dual Enrollment may carry a cost if the student elects to pursue it.

Chemistry (Gifted)
Grades 10-12
Prerequisite: **Enrolled in or completed Algebra II**
A current IEP identifying the student as "gifted" is required.

Chemistry II (AP)
Grade 12
AP Chemistry II is a second-year Chemistry course offered to students with a high aptitude in mathematics and science. Students must have credit in Algebra II. This class is a first-year survey of college chemistry with accompanying labs as required for the AP course. All students are required to take the AP Exam. AP Exam registration fee is not included in the lab fees.

Physics
Grade 12
Prerequisite: Biology, Chemistry, Algebra I and II.
This course consists of a study of one-dimensional kinematics, vectors, forces, projectile motion, momentum, energy, electricity and magnetism, waves, sound, and light. This is a math/laboratory-based course that incorporates the application of natural laws with problem solving.

Forensic Science
Grades 11 & 12
Prerequisite**: Grade of A or B in Biology**
Forensic Science is a hands-on laboratory and project-based learning course that will lead the student through a foundation of law and criminal justice, history of forensics, and modern scientific advances in the field. The scientific method, data analysis, and powers of observation and critical thinking to solve a problem are addressed in all aspects of the course. This course allows students to explore how science and inquiry can be applied to the criminal justice system. Topics include crime scene processing, collection and analysis of evidence, firearms, toxicology,

fingerprint analysis, anthropology, blood (serology) and DNA analysis.

Before taking Forensic Science, it is important that both the student and parent/guardian are aware of the topics covered as part of this course. In this course, students will study several controversial topics, such as homicide and other heinous criminal acts, case studies of infamous crimes and serial killers, and the analysis of weapons and methods for inflicting harm.

PLTW Engineering Design and Development
Grades 9-12
Prerequisite: **Enrollment or credit in geometry or credit in Gateway to Technology course (8th grade)**
Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and computer assisted design while learning strategies for design process documentation, collaboration, and presentation. This course is part of the Project Lead the Way to the Engineering sequence. All students will take an AutoDesk Inventor end of course certification test.

PLTW Principles of Engineering
Grades 9-12
Prerequisite: **Credit in Engineering Design & Development**
This course is an overview of the engineering fields, with a focus on the physics involved in engineering. Students will learn about mechanisms, electronics, statics, and more in this foundational course of the Project Lead the Way Pathway to the Engineering sequence.

SOCIAL STUDIES

Government
Grade 10
Government is the study of the rights, duties, and privileges of citizenship in American society with a focus on the structure and function of federal, state, and local government, taxation, and the American Free Enterprise system. All students will take a LEAP 2025 test in this subject at the end of the course.

Government (Honors)
Grade 10
Prerequisite: **Credit in World Geography Honors or Gifted**
This course is designed to cover the foundations of the U.S. political system; development, structures, and functions of the U.S. governmental system; and State and Local government, taxation, and the American Free Enterprise System. The students are provided with the opportunity to use analytical, decision making, and discussion skills that translate into good citizenship skills. All students will take a LEAP 2025 test in this subject at the end of the course.

Government (AP)
Grade 10
All students will take a LEAP 2025 test in this subject at the end of the course.

Government (G)
Grade 10
A current IEP identifying the student as "gifted" is required prior to enrollment. All students will take a LEAP 2025 test in this subject at the end of the course.

Government (Resource)
FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM
Grade 10
A current IEP identifying the student as meeting Special Education criteria is required. Any student in this course will follow the TOPS TECH DIPLOMA curriculum. All students will take a LEAP 2025 test in this subject at the end of the course.

World Geography
Grade 9
In today's highly mobile and interconnected world, it has become essential to deepen our understanding of different places. Countries and regions of the world possess various studies of world geography identifies each place in terms of its physical (climate, landforms, resources) and human (economics, political organization, culture) features.

World Geography (Honors)
Grade 9
Prerequisite: **Advanced/Mastery on LEAP 2025 Soc. St. test**
In today's highly mobile and interconnected world, it has become essential to deepen our understanding of different places. Countries and regions of the world possess various characteristics which make them unique. The study of world geography identifies each place in terms of its physical (climate, land forms, resources) and human (economics, political organization, culture) features.

World Geography (Gifted)
Grade 9
A current IEP identifying the student as "gifted" is required prior to enrollment.

World History
Grade 12
This survey course is a chronological study of Renaissance through Modern World History. Using a multidisciplinary approach, World History is a balanced

program that examines the world through a variety of perspectives. The first semester examines the Renaissance through European Imperialism. The second semester evaluates the world from WWI to modern history. The student will receive a broad overview of events around the world that helped develop today's contemporary global society.

World History (Dual Enrollment)
Grade 12
Prerequisite: **US History Honors or Gifted and Government Honors or Gifted**
This course requires students to be dual enrolled through SLU. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 18 and Math subscore of 19. (Subject to possible change) Dual Enrollment may carry a cost if the student elects to pursue it.

This survey course is a chronological study of the Renaissance through Modern World History. Using a multidisciplinary approach, World History is a balanced program that examines the world through a variety of perspectives. The student will receive a broad overview of events around the world that helped develop today's contemporary global society. It is an important course to develop intellectual skills, including analysis, synthesis, research, reading, and writing, that are essential for all academic courses.

U.S. History
Grade 11
U.S. History is a survey course that examines U.S. History from Reconstruction to the present. Emphasis is on the development of historical concepts through basic readings and historical research. All students will take a LEAP 2025 test in this subject at the end of the course.

U.S. History (Dual Enrollment)
Grade 11
Prerequisite: **Credit in Government Honors or Gifted**
This course requires students to be dual enrolled through SLU. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 18 and Math subscore of 19. (Subject to possible change) Dual Enrollment may carry a cost if the student elects to pursue it.

This college level course is designed to present important themes, ideas, and people in American History from the migration of native peoples to the present day.All students will take a LEAP 2025 test in this subject at the end of the course.

U.S. History (AP)
Grade 11
Prerequisite: **Credit in Government Honors or Gifted**
This course is an advanced-level course that examines U.S. History from the Age of Discovery to the present. This course utilizes a college text and outside projects. Students are required to master the information and to sharpen their writing skills to prepare for the Advanced Placement Exam.All students will take a LEAP 2025 test in this subject at the end of the course.

U.S. History (Resource)
FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM
Grade 11
Special Education classes require a current IEP identifying the student as meeting special education criteria.All students will take a LEAP 2025 test in this subject at the end of the course.

Sociology
Grades 10-12
This social science course deals with the study of groups, society, and human relationships. Emphasis is placed on the study of social institutions and current social problems.

Psychology
Grades 10-12
The study of human behavior enables the student to develop a better understanding of oneself and others. Areas of study include introduction to psychology, altered states of consciousness, the human lifespan, personality theory, psychological testing, stress and health, psychological disturbance, and psychotherapy.

Psychology (AP)
Grades 11-12
The study of human behavior enables the student to develop a better understanding of oneself and others. Areas of study include introduction to psychology, altered states of consciousness, the human lifespan, personality theory, psychological testing, stress and health, psychological disturbance, and psychotherapy.

European History (AP)
Grades 11-12
Prerequisite: **Credit in U.S. History Honors or Gifted**
The advanced placement program in European history covers the major events and trends from the High Renaissance (c. 1450) to the very recent past. In addition to providing a basic narrative of events and movements, the course is designed to develop an understanding of some of the principle themes in modern European history, the ability to analyze historical evidence, and an ability to analyze and express historical understanding in writing. Upon completion, students may elect to take the AP test.

Comparative Government (AP)
Grades 10-12
Advanced Placement Comparative Government and Politics introduces the study of the fundamental concepts of political science and international relations by analyzing and comparing the historical, political, social and economic development of six different countries: an industrialized democracy (United Kingdom), a former and current communist regime (People's Republic of China and Russia) and developing nations (Federal Republic of Nigeria, Mexico and Islamic Republic of Iran).

Macroeconomics (AP)
Grades 11-12
AP Macroeconomics is a college-level course that introduces students to the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination. It also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

Contemporary Issues
Grades 10-12
The purpose of this course is to research, study, and discuss issues that are currently of local, state, national, and international interest and concern. This course is designed to broaden the student's perception of his/her world and improve analytical thinking skills.

Law Studies
Grades 11-12
This course covers criminal and civil law. The purpose of this course is to broaden the student's knowledge of the American legal system.

CAREER TRANSITIONS

Quest for Success
Grades 9-12
This course is an innovative career exploration course designed to prepare Louisiana graduates for career and life success.

J.A.G. (Jobs For America's Graduates)
Grades 9-12
JAG is a national program designed to provide vital job skills, hands-on experience, and a year of follow-up to support the transition from graduation to employment, military service and/or post-secondary education. The course will require 17 community service hours as well as a 15 hour work-based program outside of school hours.

ALLIED HEALTH/HEALTH SCIENCE

Health Science
This course provides an introduction to careers in the field of health sciences.

Emergency Medical Responder (EMR)
Grades 11-12
This course prepares students with the knowledge and skills necessary to provide immediate lifesaving interventions. Students who pursue certification as an Emergency Medical Responder through the Louisiana Bureau of Emergency Services, a subsidiary of the Louisiana Department of Health, are eligible to take Emergency Medical Technician the following year. Students must be at least 16 years of age in order to take the required certification exam.

Emergency Medical Technician (Dual Enrollment)
Grade 12
Prerequisite: **Emergency Medical Responder Certification**
This course is taught by an Emergency Medical Services professional from Northshore Technical Community College. Instruction focuses on providing out-of-hospital emergency medical care and transportation for patients who access the EMS system. Students in this course are prepared for certification as an Emergency Medical Technician through the Louisiana Bureau of Emergency Services, a subsidiary of the Louisiana Department of Health. Please note that scholastic accommodations are not allowed per the certifying agency.

EMT students must provide the following:
1. Physical exam (use provided form)
2. Proof of immunization
3. Tuberculosis negative test results
4. Proof of flu shot
5.

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 15 and Math subscore of 15. (Subject to possible change,) Dual Enrollment may carry a cost if the student elects to pursue it.
The course is offered off campus.

Medical Terminology (Dual Enrollment)
Grades 11-12

Recommended Prerequisite: **Students should complete Physical Science and Biology with a "B" or better. Students must meet the academic DE Requirements.**
Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 15 and Math subscore of 15. (Subject to possible change,) Dual Enrollment may carry a cost if the student elects to pursue it.

This course covers basic medical terms and focuses on work analysis, spelling, and pronunciation with an explanation of medical terms used to describe health and disease. The body systems covered include the digestive, urinary, reproductive, nervous, and cardiovascular systems.

Pre-Practical Nursing
Grades 11 and 12 (2-year commitment)
By application only
Entrance Requirements: 2.0 unweighted GPA, PreACT/ACT Scores: Math 19, Reading 18, English 14, Guidance Counselor recommendation required
Interview Required
This course requires students to be dual enrolled through NTCC. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 18 and Math subscore of 19. (Subject to possible change) Dual Enrollment may carry a cost if the student elects to pursue it.

Students in Grade 11 begin the Practical Nursing program by taking online Anatomy and Physiology for Nursing and Medical Terminology classes. In Grade 12, students in the program exit campus to take Practical Nursing coursework on the campus of Northshore Technical Community College and practice nursing skills in a clinical setting. After graduation, students are expected to attend Northshore Technical Community College for three semesters to complete the program.

BUSINESS AND INFORMATION TECHNOLOGY

Intro to Business Computer Applications (IBCA)
Grades 9-12
This course is designed to provide students with basic computer application skills. Topics include basic keyboarding functions and a concentrated focus on the application and use of Google Docs and Google Slides.

Fundamentals of Javascript Level 1
Grades 10-12
Students learn the fundamentals of Web programming in JavaScript, HTML, and CSS through designing and completing websites, animation, and video game projects. Projects appear within a portfolio on the student's website project.

Advanced Javascript Level 2
Grades 10-12
Prerequisite: **Fundamentals of Javascript Level 1**
Continuing from Fundamentals of HTML, CSS and Javascript, this course dives deeply into advanced programming concepts, including jQuery, functional programming, and higher order functions. Additional projects build out the student's website portfolio, including a study of widely used JavaScript functional programming libraries, basic data structures, and video games.

CIW I
Internet Business Associate & Network Technology Associate
Grades 9-12
CIW prepares students to work effectively in today's business environment. In this course, students will learn about the tasks involved in various Information Technology (IT) job roles, and they will learn the foundational skills and technologies used in business. Students will take two industry based certification exams at the end of the course in Internet Business Associate and Network Technology Associate.

CIW II
Website Development
Grades 9-12
Prerequisite: **CIW Internet Business Associate Certification**
The Website Development course teaches essential Web page development skills. Students will learn to develop Web sites using the newest version of Hypertext Markup Language, HTML5. They will learn to write code manually, as well as use graphical user interface (GUI) authoring tools. Students will take an industry based certification exam at the end of the course in Website Development.

Principles of Business
Grades 11-12
This course provides students with the skills necessary for success as a small business employee and/or owner. Students will learn the steps required to start a new business, participate in hands-on simulations, understand key financial concepts, and interact with industry professionals. Students are also given the opportunity to compete in the Trust Your Crazy Ideas Challenge for future entrepreneurs.

Customer Service
Grades 10-12

This course is designed to help entry-level sales and service associates learn skills related to frontline work in retail (or any industry that values customer service and sales skills). Students will be prepared to sit for the National Retail Federation Business of Retail industry-based certification exam and the Customer Service industry-based certification exam.

Principles of Marketing
Grades 10-12
This course introduces students to the foundational concepts and practices of marketing in today's dynamic business environment. Students will learn key concepts such as market segmentation, consumer behavior, product development, pricing strategies, distribution channels, and promotional tools. Through real-world examples, case studies, and interactive activities, students will learn how to develop effective marketing strategies that meet customer needs and drive business success.

COMMUNICATIONS

Speech I
Grades 9-12
The first semester of this course teaches the skills and techniques required of a confident public speaker. Students will learn the types of introductions and conclusions, organizational skills, and the types of speeches needed to carry them into any career field. The second semester develops choral reading and interpretational reading skills. This course also teaches the basic techniques for the beginning actor.

Speech II
Grades 10-12
Prerequisite: **Speech I**
Students will learn to do a director's book, produce 2 one act plays and complete an extensive theatrical make-up unit. They will be exposed to acting, directing, set design and construction, costuming and make-up. Students will perform a children's play that they will travel with to local schools.

Yearbook I, II, III, IV
Grades 10-12
Teacher approval required
This class produces the Mandeville High School yearbook, the Skipper's Log. After school work and sales are required. Any student interested in working on the yearbook staff must obtain an application form. The student must schedule the course for both the fall and spring semesters.

Digital Media I
Grades 9-12
This foundational course enables students to express their creativity through the use of a variety of digital programs including Adobe Photoshop. Students will be prepared to sit for the Adobe Certified Associate industry-based certification exam in Photoshop at the end of the course.

Digital Media II
Grades 9-12
Prerequisite: **Digital Media I**
This course offers the student experience in all phases of studio and field production including conception, scripting, camera operation, editing, graphics, lighting and audio. There will be an added focus on sports journalism. Students will learn to effectively utilize Adobe Premiere Pro in all aspects of the course.

Digital Media III and IV
Grades 10-11
Prerequisite: **Digital Media I and II**
These courses provide students the opportunity to prepare for Television Production I and II. Students will focus on sports journalism, jumbotron graphic design and production, as well as other marketing materials used to promote school events and activities.

Television Production I and II
Grades 11-12
Prerequisites: **Digital Media I, II. III, and IV**
These courses are designed for students interested in television production. The purpose is to provide instruction and practical experience in the field of television production. Students are given hands-on opportunities in filming, editing and film production as well as opportunities to study major components of film. The emphasis of this course is on performance and production of the MHS broadcast, social media coverage, and all digital signage throughout campus. It is preferred that students be enrolled for the entire school year, earning two credits.

FAMILY & CONSUMER SCIENCE/PROSTART

Family & Consumer Science
Grades 9-12
This survey course provides an introduction to the various areas of Family and Consumer Science, including clothing and textiles; housing, interiors, and furnishings; human development and family relationships; management of resources and nutrition and foods.

Nutrition & Food
Grades 10-12

This course explains the relationship between food and health and how nutrients and nutritious meals are important to healthy growth and development. Food safety is emphasized, and students are prepared for the ServSafe Food Handler industry-based certification. The course also introduces students to basic food preparation techniques, and introduces entry-level job opportunities in the food and nutrition related fields.

Clothing & Textiles Occupations
Grades 10-12
This course prepares students for occupations and higher education programs of study related to the entire spectrum of fashion, apparel, and other textiles management and production. Emphasis is placed on instruction and laboratory experiences that include commercial applications of principles of design, production, and selection of apparel and textile products, product research, demonstration and instruction of related tools and equipment. Students will be required to purchase materials and notions.

Child Development
Grades 10-12
Growth and development of the child, care of the child from prenatal to 3 years of age, observation techniques, child care facilities, and child development careers are covered.

Baking and Pastry
Grades 10-12
Prerequisite: **Nutrition and Food**
This is a career preparation class offering an opportunity for an in-depth look at baking and pastry. Students learn the basics of the food service industry which include careers in baking and pastry, professionalism, safety and sanitation, tools and equipment, basic baking principles, structure of a recipe and menu, and preparation techniques. The students learn from a specially designed curriculum that emphasizes work-based learning experiences that prepare students for careers in high-wage, high-skill fields. The class provides catering for various school events. This course is recommended for anyone interested in the culinary field, hotel and restaurant management.

Pro Start I and II
Grades 11-12
Prerequisite: **Nutrition and Food with Teacher approval**
These courses prepare students for careers in the restaurant/food service industry. Topics covered include customer service, food and kitchen safety, foodservice equipment, nutrition, business mathematics, control of foodservice costs and career preparation and development. Advanced food preparation techniques will be taught and students will be prepared to sit for the National Restaurant Association ServSafe Food Manager and ProStart Level I and II industry-based certifications.

EDUCATION AND TRAINING

Foundations in Education (Intro to Teaching)
Grades 11-12
Foundations in Education is a course designed to attract students to the field of education, to provide information and field experiences relevant to pursuing a degree in education, and to prepare future educators for the rigors of a career in education. The goal of the course is to cultivate long-term educators. The curriculum includes three major units:
1. Learning about the self
2. Examining the practices used by educators.
3. Reviewing education history and foundations

The class is discussion based, with a focus on student participation and group work.
Students must complete an application to be accepted into the program. They are required to work in the field a minimum of 20 hours during the school year at a local elementary or middle school where they will gain hands-on experience. Students may be required to provide his/her own transportation to/from their school sites. Please see Mrs. Schulingkamp for permission to enroll.

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 18 and Math subscore of 19. (Subject to possible change,) Dual Enrollment may carry a cost if the student elects to pursue it.

Learning Communities (Intro to Diverse Learners)
Grades 11-12
Prerequisite: **Foundations in Education**

Learning Communities is an introduction to working with children and young adults with exceptional learning attributes, including characteristics that qualify learners to receive special education services. Some barriers include limited proficiency in English (English Language Learners) and other internal and external factors that influence learning and social development.

The course will also inform students of community resources and their organization. Additionally, legal aspects such as special education, inclusion classrooms, accommodations/modifications, and advocacy will be included. The class will continue to build upon the units covered in Foundations in Education with a focus on

lesson planning, behavior management, and student engagement in the classroom The class is discussion based, with a focus on student participation and group work.

Students are required to work in the field a minimum of 20 hours during the school year at a local elementary or middle school where they will gain hands-on experience. Students may be required to provide his/her own transportation to/from their school sites. Please see Mrs. Schulingkamp for permission to enroll.

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 18 and Math subscore of 19. (Subject to possible change,) Dual Enrollment may carry a cost if the student elects to pursue it.

FINE ARTS

Art I
Grades 9-12
Introduction to Drawing & Design is an entry-level course that requires no prior knowledge of drawing. The student will learn the elements of design, how to compose a drawing, how to create the illusion of depth in drawing, basic drawing and shading techniques, how to create three-dimensional looking objects using value, and one point and two-point perspective. Students will become familiar with certain artist's tools and equipment and some art terminology. Most projects will be done in black and white using ink, charcoal and a variety of art pencils. Finished work will be exhibited in the spring *Evening of the Arts* exhibit.

Introduction to color is a beginning course that will explore basic color theory, color schemes and color relationships. Students will work in a variety of mediums such as color pencils, oil and soft pastels, tempera and watercolor paint. Students will experiment with a variety of techniques unique to each medium in the creation of finished pieces of art. Drawing, composition, and shading skills will be used and drawn upon from Introduction to Drawing. Finished work will be exhibited in the spring *Evening of the Arts* exhibit.

Art II
Grades 10-12
Prerequisite: **Art I**
Advanced Drawing & Design is designed to allow interested art students to improve and develop their techniques and approaches to drawing. Several different subjects are addressed as themes for the various mediums that will be explored. Finished work will be exhibited in the spring *Evening of the Arts* exhibit. Advanced Color is a continued study of different techniques and approaches using color. Skills in composition and design are further explored along with exploration into color mixing, values, intensities and color schemes. Students will work in mediums such as acrylic and tempera paint, pastels and mixed media. Students will be expected to work in a larger format. Finished work will be exhibited in the spring *Evening of the Arts* exhibit.

Art I, II, III, IV (Talented)
Grades 9 - 12
Talented classes require a current IEP identifying the student as "talented" according to state criteria.

Fine Arts Survey
Grades 9-12
A non-performance course for students to develop an understanding of the Fine Arts.

MUSIC AND THEATRE ARTS

Advanced Band
Grades 9-12
This is our second level performing ensemble on campus. All upperclassmen that are not selected for Wind Ensemble must sign up for this class. Auditions will be held in May for the following school year.

Color Guard
Grades 9-12
This is our Color Guard (flag team) class. If you are interested in dancing, tumbling, or spinning a flag contact Mr. Dibenedetto for audition information. No experience is required to try-out. Auditions will be held April 11th-13.

Intermediate Band
Grades 9-12
This is our freshmen band class. ALL freshmen wind players that were in band in junior high must sign up for this class for fall and spring. If we determine that a student needs to be moved to a higher ensemble their freshman year we will move them for the 2nd semester.

Jazz Ensemble
Grades 9-12
All jazz band students will also be part of the Wind Ensemble. This is typically reserved for advanced players that can handle balancing both concert and jazz responsibilities. Students interested in auditioning should reach out to Mr. DiBenedetto. Auditions will be scheduled in May. Please see your current band director for more information.

Sectional Rehearsal
Grades 10-12
This is our percussion ensemble class. All percussion students must sign up for this class for the fall and spring semester.

Wind Ensemble
Grades 10-12
This is our top performing ensemble on campus. Auditions will be held in May for the following school year.

Beginning Piano Lab
Grades 9-12
Fee: $5
This hands-on introductory course is designed for absolute beginners of all ages, offering an effective way to learn basic piano and fundamental musical concepts in a group setting. Each student is provided with an individual digital keyboard for hands-on practice, using headphones for individual work. Topics and skills covered generally include: Keyboard Knowledge: Identifying piano key names (musical alphabet) and the geography of the keyboard. Proper technique: Learning correct posture and hand positioning to establish efficient and comfortable playing habits. Music literacy: Understanding basic music notation, rhythms, time signatures, and intervals. Basic theory: Exploring fundamental music theory concepts such as major and minor triads, scales, and simple chord progressions. Performance skills: Playing simple melodies and pieces with appropriate fingering, dynamics, and rhythm. Creative skills: Opportunities for improvisation and playing by ear may also be included. The concepts learned in this class will transfer into any other area of music. Headphones are provided, and they are a part of students' required equipment. By the end of the course, students will be well-prepared with the necessary basics for beginner piano playing and equipped for further private study or a next-level group class. Access to a keyboard outside of class is a plus, but not a requirement to take the class.

Beginning Choir
Grades 9-12
No audition is required for this basic course designed for those who have a desire to sing. This course will expand on skills learned in previous instruction. Students will practice music theory, beginning and intermediate vocal technique and perform music written in a wide range of styles. Students are required to purchase a uniform that costs approximately $60. This uniform will last throughout the four years of chorus. Students are required to attend all dress rehearsals, performances, and after school events

Mixed Chorus
Grades 9-12
This is designed for a mixed-ability class, welcoming students from beginning to advanced levels, and focuses on the development of foundational and advanced vocal techniques, music literacy, and ensemble performance skills. Students will develop their vocal abilities and musical understanding through ensemble singing. The choir will perform a variety of music genres, including classical, contemporary, and multicultural pieces. Instruction will accommodate all ability levels by focusing on core concepts while providing opportunities for advanced students to take leadership roles (e.g., section leaders) and tackle more complex musical challenges. Differentiated activities, including sectional rehearsals and varied repertoire, will ensure all students are challenged appropriately and can grow as musicians at their own pace. This Choir performs for City, District, and State events. Students are required to purchase a uniform that costs approximately $60, and are required to attend all dress rehearsals, performances, and after school events (3 per year)

Small Vocal Ensemble
(Show Choir)
Grades 9-12
This auditioned Show Choir is held after school, two days per week. Students must be enrolled in either Intermediate or Advanced Chorus (Chorale) to participate in Show Choir. The audition includes a choreographed dance routine, and demonstration of sight reading skills. Students are required to purchase a uniform that costs approximately $115. Attendance at all dress rehearsals, performances, and after school events is mandatory.

Music I (Talented)
Music II (Talented)
Music III (Talented)
Music IV (Talented)
Grades 9-12
Talented classes require a current IEP identifying the student as "talented" according to state criteria.

Theatre I (Talented)
Theatre II (Talented)
Theatre III (Talented)
Theatre IV (Talented)
Grades 9-12
Talented classes require a current IEP identifying the student as "talented" according to state criteria.

FOREIGN LANGUAGE

French I
Grades 9-11

Prerequisite: **Must be concurrently enrolled in Honors or Gifted English I**
This introductory course covers basic conversation, basic sentence structure, and the conjugation of regular and irregular verbs in the present, future, and past tenses. Speaking and listening skills are stressed throughout the course, but reading, writing, and translating are also included. The student is also introduced to the culture and peoples of the French-speaking world.

French II
Grades 9-12
Prerequisite: **French I**
Continued emphasis of the four foreign language skills: reading, writing, speaking and listening.

French 101, 102, 201, 202 (Dual Enrollment)
Grades 10-12

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 18 and Math subscore of 19. (Subject to possible change,) Dual Enrollment may carry a cost if the student elects to pursue it.

Spanish I
Grades 9-12
Prerequisite: **Concurrent enrollment in English I Honors or Gifted**
This is a beginning level course for students with little or no knowledge of Spanish. All appropriate elements of basic language learning are utilized for providing a foundation in the language and culture of Spanish-speaking people. Focus is on the communicative aspect of language learning in a formal setting.

Spanish II
Grades 9-12
Prerequisite: **Spanish I**
Spanish II is a continuation of listening, speaking, reading, writing, and culture with more advanced vocabulary and grammar. Focus is on the communicative aspect of language learning in a formal setting.

Spanish 101, 102, 201, 202 (Dual Enrollment)
Grades 10-12

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 18 and Math subscore of 19. (Subject to possible change,) Dual Enrollment may carry a cost if the student elects to pursue it.

INDUSTRIAL TECHNOLOGY

Basic Technical Drafting
Grades 9-12
This course introduces students to the technical elements of drafting, which include instruments, lettering, sketching, applied geometry, projections, pictorial representation, dimensioning, sectioning, symbols and auxiliaries. Students will use AutoDesk AutoCAD software as they become proficient in drafting skills.

Dual Enrollment credit is available for students who meet the qualifying criteria. Dual Enrollment may carry a cost if the student purses it.

Advanced Technical Drafting
Grades 10-12
Prerequisite: **Basic Technical Drafting**
This course builds upon skills learned in Basic Technical Drafting and prepares students to sit for the Autodesk Inventor industry-based certification.

Dual Enrollment credit is available for students who meet the qualifying criteria. Dual Enrollment may carry a cost if the student purses it.

Automotive Technology I (ASE)
Grade 12
The course is offered off campus.
Prerequisites: **Must be 16 years old**
This course offers specialized instruction and practical shop experience to prepare students with entry level skills in the servicing and maintaining of all types of automobiles. Students are prepared to sit for ASE Student Certifications in the following fields: Brake Systems, Electrical/Electronic Systems, and Suspension/Steering Systems. Preferential seating will be given to students on the TOPS Tech diploma pathway. Please see Mrs. Schulingkamp for permission to enroll. *Students are required to provide his/her own transportation to/from Lakeshore High School.*

Pre-Apprentice I (Carpentry)
This course is designed to introduce students to the crafts and trade of carpentry. Units focus on careers in the field, construction mathematics, safety, and basic hand and cutting tools for cutting, shaping, fastening, and finishing. The class also provides hands-on experience for students as they complete step-by-step projects that require basic skills, including the tote box, step stool, bird house, and storage chest. Upon successful completion of the units, students will become

certified in Career Connections Core industry-based certification. Preferential seating will be given to students on the Tops Tech diploma pathway.

Pre-Apprentice II (Carpentry)
Prerequisite: **Career Connections Core Certification**
This course provides hands-on experience for students as they complete step-by-step projects that require intermediate skills, including a saw horse, picnic table, and shed. Upon successful completion of the units, students will become certified in Career Connections, Level 1 industry-based certification. Preferential seating will be given to students on the Tops Tech diploma pathway.

HVAC (Heating, A/C, Refrigeration)
Grade 12
This course requires students to be dual enrolled through NTCC. Dual Enrollment may carry a cost if the student elects to pursue it.
The course is offered at NTCC.
This suite of college courses provides specialized classroom instruction and practical shop experience to prepare individuals for employment as entry-level air conditioning and refrigeration technicians. Preferential seating will be given to students on the TOPS Tech diploma pathway. Please see Mrs. Schulingkamp for permission to enroll.

Welding
Grade 12
Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.5 or above is required and a PreAct/ACT score of 19 with a minimum English subscore of 15 and Math subscore of 15. (Subject to possible change,) Dual Enrollment may carry a cost if the student elects to pursue it.
The course is offered off campus. Transportation will be provided.
This course is designed to introduce students to the crafts and trade of welding. Units focus on oxy fuel cutting and shielded metal arc welding. Upon successful completion of the units, students will become certified in Career Connections Core industry-based certification. Preferential seating will be given to students on the Tops Tech diploma pathway.

LEADERSHIP

Developing Leadership Skills
Grades 10-12
Teacher approval required
Students who are elected to an Executive Committee office in the Mandeville High School Student Council should schedule this first-semester course with Mr. Esker's permission.

PHYSICAL EDUCATION

Physical Education I (Grade 9)
Physical Education II Grade 10)
These courses are designed to expose students to a variety of activities to help them in achieving and maintaining a healthy lifestyle. One full credit of PE I should be taken before a student enrolls in PE II. Units of four and one-half weeks in length will be taught during the year: conditioning and track and field; football, softball, badminton, golf, soccer, volleyball, tennis, and table tennis.
Completion of 1.5 units of PE I and II satisfies the Physical Education requirement to receive a Louisiana High School diploma.

Physical Education III
Physical Education IV
Grades 11-12
These courses are designed to expose students to a variety of activities to help them in achieving and maintaining a healthy lifestyle. Units of four and one-half weeks in length of the following activities will be taught: basketball, recreational games, softball, tennis, lacrosse, and volleyball.
These courses DO NOT satisfy the Physical Education requirement to receive a Louisiana High School diploma.

Conditioning PE II, III, IV
Grades 10-12
Prerequisite: **Team members only. Coach's approval required.**
These courses are designed to develop the four health components of physical fitness: cardiovascular fitness, flexibility, body composition, and muscular strength and endurance.

Health Education
Grades 10 -12
This course covers the dimensions of total wellness. The physical, mental and emotional, and social dimensions will be discussed to help guide the student to reduce health risks behavior and improve their lifestyle.

Dance or Cheer Team
Prerequisite: **Try out and selection required for team**
Either of these courses satisfies one credit of P.E II.

MARINE CORPS JROTC

General Requirements and Information

There is no obligation to be involved with the military in any way after graduation. Freshmen will be encouraged to remain in the JROTC Leadership Program for two semesters. Opportunities for school community services, field trips, early leadership assignments and extracurricular activities are available. Completion of the course (3 or 4 years) makes a student eligible for advanced standing in any of the military services. Significant assistance is given to those students applying for competitive fully paid college ROTC scholarships or service academy appointments. Junior ROTC I and II may be substituted for PE I/II and Health Education to satisfy that graduation requirement. Courses may also be scheduled for elective credit.
Prerequisite: A student must be a U.S. citizen, physically able to participate in physical activity, present a satisfactory appearance, making progress toward a high school diploma, and receive a favorable recommendation from the Senior Marine Instructor or Marine Instructor to enroll in JROTC.

MCJROTC I and II
JROTC is an introductory course in leadership education, which stresses leadership skills, citizenship, history, military customs, physical development and self-discipline. Uniforms are worn once a week on Wednesdays. PT gear is required at times on Tuesday and Thursday. A uniform is provided for the students at no charge. Extracurricular activities are normally available to those who wish to participate. Competitive teams include drill team, Color Guard, Physical Fitness, and Air Rifle Teams. Teams are led and organized by the students under the supervision of the instructors. All expenses associated with Drill competitions and other matches are defrayed by JROTC fund-raising events. S*uccessful completion of JROTC I & II satisfies the PE and Health requirements for graduation.*

MCJROTC III
MCJROTC III focuses on leadership, management, and life skills. Cadets in the class learn how to become better leaders by taking responsibility and leading peers. The course is focused on preparing students for life after graduation, while ensuring success in life now. Classroom instruction includes leadership discussions, resume writing, military lessons, physical fitness, nutrition, finance management, conflict resolution, time management and many more life enhancing skills. Each student will compete in the final Super Squad event showing they have mastered the curriculum. Students may participate on the Drill Team, Color Guard, Marksmanship Team, Raider Team, and Physical Fitness Team during the year.

MCJROTC IV
MCJROTC IV focuses on advanced leadership, management, and life skills. Cadets in the class improve their ability to lead peers in and out of the classroom. The course is focused on preparing students for the next steps in life after graduation, by ensuring they are prepared for the "What's Next." Classroom instruction includes leadership discussions, advanced resume writing and college application submission, classroom instruction and briefing techniques, physical fitness, nutrition, financial management and investing, balance of competing priorities, scholarship opportunities, and many more life enhancing skills. Upon graduation, each Cadet will have created for themselves numerous opportunities to choose from as they move forward. Each student will compete in the final Super Squad event showing they have mastered the curriculum against peers. Students may participate on the Drill Team, Color Guard, Marksmanship Team, Raider Team, and Physical Fitness Team during the year.
Completion of MCJROTC I or II not required.

STANDARDIZED TEST PREPARATION

ACT Preparation
Prerequisite: **Completion of or concurrent enrollment in Algebra II is a must.**
This course is designed to help students prepare for the ACT college entrance test. Students will learn test-taking strategies as well as take sample tests. Practice assignments are required on a daily basis.

SENIOR INTERNSHIP

Internship I and II Off-Campus Internship
Grade 12
Please see Mrs. Schulingkamp to enroll. This course provides opportunities to study a particular field and to serve as an intern in an area of the public or private sector. Students must log a minimum of 106.2 hours per credit for a minimum of 8.5 hours of work per week. The work sites are under the direction of the mentor. Students also have regularly scheduled assignments via Google Classroom. *Students are responsible for their own transportation to the internship location.*

SHORT DAY

Short Day
Grade 12
Prerequisite: **In order to be eligible, students must earn an 18 or greater on the ACT or a silver or greater on the Work Keys test (subject to change based on updates to the district's pupil progression plan)**
Mandeville High School does not endorse early release/short day No one may schedule fewer than 2 credit courses per term. When a student becomes a graduating senior and needs fewer than eight credits to graduate, he/she may be eligible for a short day. Students

must have their own transportation to schedule a short day. **Short day status may negatively impact a student's rank in class**. It is the policy of Mandeville High School to encourage students to participate in a wide range of electives once their graduation requirements are fulfilled.

SPECIAL EDUCATION

In accordance with P.L. 94-142 and State Bulletin 754, special education courses are offered which are designed to meet individual needs of exceptional students through age twenty-two or when their course of study is completed. A determination of the course of study will be made on the student's Individualized Education Plan (IEP). If the student is pursuing a high school diploma, he/she will have to meet the same criteria for graduation as outlined for regular students in State Bulletin 741. If the student is placed in Alternative Programming, he/she will have to complete coursework as outlined on the IEP. The goal of the Alternative Program is employability upon exit from the program.

Dual Enrollment Courses for College Credit

Southeastern Louisiana University

Calculus Honors (MATH 1630)
Chemistry Honors (CHEM 1010)
College Algebra Honors (MATH 1610)
English III Honors (ENGL 1010)
English IV Honors (ENGL 1010 and/or ENGL 1020)
Probability and Statistics Honors (MATH 2410)
STAR I (Intro to teaching) (EDCI 1010)
STAR II (Intro to teaching) (EDES 1500)
Trigonometry Honors (MATH 1620)
US History Honors (HIST 2020)
World History Honors (HIST 1020)

Northshore Technical Community College

Basic Technical Drafting (DRFT 1102)
Emergency Medical Technician (HEMS 1200 & HEMS 1300)
French 101, 102, 201, 202 (FREN 1010, FREN 1020, FREN 2010, FREN 2020)
HVAC (HACR 1150, HACR 1160, HACR 1170, HACR 1180)
Medical Terminology (HSOM 1020)
Pre-Practical Nursing
Spanish 101, 102, 201, 202 (SPAN 1010, SPAN 1020, SPAN 2010, SPAN 2020)
Welding (WELD 1110, WELD 1410, WELD 1210)

Career and Technical Education

TOPS Tech Diploma

Louisiana's dynamic economy will increasingly demand young adults who are literate and problem solvers capable of lifelong learning. To effectively prepare Louisiana public school students to graduate high school with the knowledge and skills required for employment in this economy, the students will enroll in a comprehensive career and technical education (CTE) program known as the TOPS TECH Diploma curriculum.

The TOPS TECH Diploma Curriculum provides both academic preparation as well as CTE courses with hands-on training experiences by which students will meet the requirements to attain a high school diploma and earn industry credentials certifying their readiness to participate in key job sectors.

TOPS TECH programs shall prepare students to earn statewide industry-based certifications (IBCs) aligned with high-growth, high-wage job sectors as approved by Louisiana's Workforce Investment Council (WIC). Pathways preparing students to earn statewide IBCs shall be augmented by CTE programs.

Students following the TOPS TECH Diploma Curriculum will be eligible for entry into a two year technical or community college.

TOPS Tech Career Diploma Pathways for Jumpstart 2.0

Agriculture, Food and Natural Resources
The Agriculture, Food and Natural Resources Pathway immerses students in the fields of agriculture and related sciences. This pathway equips students with the knowledge of basic animal, plant, and soil science; plant cultivation and soil conservation; and agricultural operations such as farming, ranching, and logging.

Architecture and Construction
The Architecture and Construction Jump Pathway encompasses a vast array of careers all focused on the construction, design/pre-construction, and maintenance/operations of structures. Pathway coursework will allow students to go directly into skilled trades or to continue their education to become professional architects, drafters, engineers, operators, and project managers.

Arts, A/V Technology and Communication
The Arts, A/V Technology, and Communication Pathway prepares students to organize and manage various visual aspects of data, visual arts, performing arts, and entertainment media industries.

Business Management
The Business Management and Administration Pathway focuses on careers that plan, organize, direct, and evaluate all or part of a business organization. Students will learn fiscal responsibility when allocating and using financial, human, and material resources.

Health Sciences
The Health Science Pathway prepares students to recognize, assess, diagnose, treat, and manage patient and medical needs in pre-hospital, disaster, hospital, medical office, and/or home health care settings.

Hospitality and Tourism
The Hospitality and Tourism Pathway prepares students for a variety of jobs within the food and lodging service industries. Pathway coursework includes instruction in food preparation, cooking techniques, equipment operation and maintenance, sanitation and safety, and communication skills.

Information Technology
The Information Technology Pathway prepares students for the design, development, installation, implementation, and maintenance of computer systems, software, hardware, networks, and cloud computing. Students will work with cutting-edge technology to develop tomorrow's products for use by business and consumers.

Law, Public Safety, Corrections and Security
The Law, Public Safety, Corrections and Security Pathway includes instruction in criminal justice and other protective services. Students will be exposed to the theories and principles of justice and the judiciary and emergency management services.

Manufacturing
The Manufacturing Pathway prepares students to work in the process and production fields. Pathway coursework equips students to design, create, assemble, install, and repair electrical and mechanical systems. Manufacturing workers will be able to move into advanced manufacturing careers to use innovative technology to improve current products or processes to assist companies in producing their products more efficiently.

Transportation, Distribution and Logistics
The Transportation, Distribution, and Logistics Pathway focuses on the planning, managing, and moving of people, materials, and goods by road, pipeline, air, rail, and water. Pathway coursework will equip students to provide professional and technical support services for transportation infrastructure planning and management, logistics, mobile equipment and facility maintenance.

Industry-Based Certifications

Health Science
CPR & First Aid
Emergency Medical Responder
Emergency Medical Technician (Advanced Certification)

Business and Information Technology
CIW Internet Business Associate
CIW Network Technology Associate
CIW Website Development (Advanced Certification)
Fundamentals of HTML Java Script Level I
Fundamentals of HTML Java Script Level II (Advanced Certification)

Automotive Technology
ASE Certification

Family and Consumer Science/ProStart
ServSafe Food Handler
ServSafe Food Manager
ProStart II (Advanced Certification)

Engineering
Autodesk Certified User- Inventor (Advanced Certification)

Graphic Arts
Adobe Photoshop
Adobe Illustrator
Adobe Premier Pro
Adobe InDesign
Adobe Visual Design (Advanced Certification)
Adobe Video Design (Advanced Certification)

Industrial Arts
CITF (Carpenter International Training Fund) Pre-Apprentice Core Skills
CITF Level 1 Carpentry
CITF Level 2 Carpentry (Advanced Certification)
Autodesk Certified User- AutoCAD

Social Studies
Business of Retail
Customer Service
(Business of Retail + Customer Service = Advanced Certification)

Career Specialties Elective Courses

Career Specialties/Internship elective courses are a broad, comprehensive curriculum that prepares students to become productive citizens and lifelong learners in a global economy, providing students with meaningful instruction that is flexible and adaptable to the needs of industry and society. Below are the areas and courses available for career specialties and/or preparation for internship.

Architecture and Construction

Architecture
Basic Technical Drafting
Adv. Tech. Drafting
Internship

Carpentry and Construction
Basic Technical Drafting
Adv. Tech Drafting
Pre-Apprentice I Carpentry
Pre-Apprentice II Carpentry
Engineering Design & Development
Internship

Drafting
Basic Technical Drafting
Adv. Tech Drafting
Engineering Design & Development
Principles of Engineering Design
Internship

Arts, A/V Technology & Communications

Entertainment Production
Speech I, II
TV Production I
Talented Theater I
Internship

Graphic Arts
Art I* or Talented Art I
Art II* or Talented Art II
Talented Art III
Talented Art IV
Internship

Journalism
Publication I, II, III, IV (Yearbook)
Speech I, II
Internship

Mass Communication
Publication I, II (Yearbook)
Speech I, II
TV Production I, II
Digital Media I, II, III, and IV
Internship

Performing Arts
Intermediate/Adv Band
Beg/Adv Choir
Beginning Piano Lab
Talented Theater I, II, III, IV
Talented Music I, II, III, IV
Jazz Band
Wind Ensemble
Small Vocal Ensemble
Speech I, II
Internship

Business, Management, & Administration

Business Administration or Entrepreneurship
IBCA
Speech I, II
Principles of Business
CIW I, II
Accounting
Marketing
Internship

Education & Training

Education
Psychology
Sociology
STAR I, II
Speech I, II
Internship

Government & Public Administration

JROTC
Jr. ROTC I, II, III, IV

Law Studies
World Geography
Internship

Health Sciences

Emergency Health Care
Health Science
Medical Terminology
Psychology
Emergency Medical Responder
EMT
Internship

Food & Nutrition
Food & Nutrition
Chemistry
Family & Consumer Science
Baking and Pastry
ProStart I, II
Internship

Nursing
Biology II
Pre Practical Nursing
First Responder
Medical Terminology
Health Science
EMT
Internship

Hospitality & Tourism

Culinary Arts
Nutrition and Food
Pro Start I, II
Baking and Pastry
Internship

Human Services

Social Services
Psychology
Sociology
Speech I, II
Internship

Law, Public Safety, Corrections & Security

Legal Services
US Government AP
Law Studies
Speech I, II
Psychology
Sociology
Internship

Science, Technology, Engineering & Mathematics

Engineering
Basic Technical Drafting
Advanced Technical Drafting
College Algebra/Trigonometry/Calculus
Engineering Design & Development
Principles Engineering
Biology II
Chemistry II
Physics
Internship

Transportation, Distribution & Logistics

Automotive Technology
Auto Tech.
Pre-Apprentice I Carpentry
Customer Service
Internship

TRIAL SCHEDULE

Print Name_____ Grade Next Year _____

	FALL		Course Name and Level	SPRING		Course Name and Level
	Course Name	**Teacher Initials**	**(Gifted, AP, DE, Honors, OL, R)**	**Course Name**	**Teacher Initials**	**(Gifted, AP, DE, Honors, OL, R)**
1	English or Social Studies			English or Social Studies		
2	Mathematics or Science			Mathematics or Science		
3	Elective			Elective		
4	Elective			Elective		

Alternates

1st Choice _____

2nd Choice _____

3rd Choice _____

Please secure teacher signatures for <u>Honors or DE</u> placement in English, Mathematics, Science, and Social Studies.

Signatures are also required in classes requiring special permission to enroll.