

MANDEVILLE HIGH SCHOOL

2023-2024 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, and 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/guardian assume full responsibility for the course work 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 requirements for the college of their choice and schedule coursework accordingly.

LEAP 2025 ASSESSMENT

The Louisiana Department of Education has initiated an 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.

To be eligible for the Early Start/Dual Enrollment Program, a student must be 16 years old, classified as a junior or senior, and have taken the PreACT or ACT with a Composite score accepted at the respective post-secondary institutions.

Career and Technical Education Compliance Notice

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

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

Điều phối viên 504 là Candice Dozier, 321 N Theard Street Covington, La. 70433; điện thoại (985) 898-3309; email Candice.Dozier@stpsb.org.

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

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 sub-scores.

LA TOPS TECH CAREER CURRICULUM TOPS TECH is the state's *new* 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 seven-period day 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 five (5) 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. IGP's with original signatures will be kept on file at the school.

LOUISIANA'S TUITION 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.

LOUISIANA'S TUITION OPPORTUNITY PROGRAM FOR STUDENTS (TOPS) CONTINUED

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 form must be received by the final state deadline set by the TOPS office.*** A FAFSA form may be completed over the Internet at www.fafsa.ed.gov. **It is the student and parent's responsibility to fill out the FAFSA form 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.

DESIGNATED WEIGHTED COURSE LIST			
ENGLISH	MATH	SCIENCE	SOCIAL STUDIES
English I (H) (G)	Algebra I (H) (G)	Physical Science (H) (G)	World Geography (H) (G)
English II (H) (G)	Geometry (H) (G)	Biology (H) (G)	Government (H) (G)
English III (H) (G) (AP)	Algebra II (H) (G)	Chemistry (H)	U.S. History (H) (AP)
English IV (H) (G) (AP)	Pre-Calculus (H) (G)	Physics (H)	World History (H)
	Calculus (H)	Biology II (AP) (H)	European History (AP)
	AP Calculus AB	Chemistry II (AP)	Psychology (H) (AP)
	AP Calculus BC		Macroeconomics (AP)
	Prob & Stats (H)		

GRADE CLASSIFICATION

Students are classified by the number of Carnegie units earned. Students are not promoted mid-year. The units required for each grade are:

CLASSES	MINIMUM REQUIRED UNITS
Sophomores	5 Units
Juniors	11 Units
Seniors	17 Units
TOTAL UNITS FOR GRADUATION	24 UNITS-TOPS UNIVERSITY DIPLOMA 23 UNITS- TOPS TECH DIPLOMA

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 St. Tammany Parish School Board at 985-892-2276.

**LOUISIANA TOPS UNIVERSITY DIPLOMA CURRICULUM
FOR GRADUATING CLASS OF 2020 & BEYOND**

LA TOPS UNIVERSITY DIPLOMA CURRICULUM		
EARNED CREDIT	COURSES	CREDIT 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
	Pre-Calculus, Calculus, Prob & Stat, Algebra III	1
	Social Studies	4
	Government	1
	U.S. History	1
	World History, World Geography, Eur Hist, or AP Psychology	2
	Science	4
	Biology	1
	Chemistry	1
	Physics, AP Biology II or Biology II (not both), Chemistry II, Physics II, Environmental Science, Physical Science or Prin of Engineering (not both)	2
	Physical Education/Health	2
	Physical Education I or JROTC I	1
	Physical Education II or JROTC II	.5
	Health (JROTC I and II will substitute for .5 Health)	.5
	Fine Arts	3
	Foreign Language	2
	Fine Arts Survey, Art, Music, or Theater, Basic Tech Drafting, or Engineering Design & Dev	1
	Electives	3
	Electives (3 credits)	3
	TOTAL CREDITS	24

THE LOUISIANA TOPS UNIVERSITY DIPLOMA CURRICULUM REPRESENTS MINIMUM GRADUATION REQUIREMENTS. IT MAY NOT BE THE SAME AS THE CORE CURRICULUM REQUIREMENTS FOR COLLEGE ADMISSIONS.

**LOUISIANA TOPS TECH CAREER CURRICULUM
FOR GRADUATING CLASS OF 2020 & BEYOND**

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

TOPS SCHOLARSHIP REQUIREMENTS FOR GRADUATES OF 2020 AND BEYOND		
EARNED CREDIT	COURSES	CREDIT 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
	Algebra III, Pre-Calculus, Calculus , or Probability & Statistics	1
	Science	4
	Biology I	1
	Chemistry I	1
	Physical Science or Principles of Engineering Design, Environmental Science, Biology II, Chemistry II, Physics, Physics II	2
	Social Studies	4
	Government	1
	U.S. History	1
	World History , AP European History, World Geography, or AP Psychology	2
	Fine Arts	1
	Fine Arts Survey or substitute 1 unit performance courses in music, dance, or theater; or 1 unit of studio or visual art, or 1 unit 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.**

TOPS TECH SCHOLARSHIP REQUIREMENTS FOR 2 YEAR TECHNICAL OR COMMUNITY COLLEGES FOR GRADUATES OF 2020 AND BEYOND		
EARNED CREDIT	COURSES	CREDIT NEEDED
	English I	1
	English II	1
	English III , English IV, or Business English, Technical Writing	2
	Algebra I	1
	Geometry, Algebra II, Financial Literacy, Math Essentials, Pre-Calculus, Probability and Statistics, Algebra III, or Business Math	3
	Biology I	1
	Environmental Science , Physical Science, or Chemistry	1
	U.S. History	1
	Government	1
TOPS TECH PATHWAY REMAINING COURSES MUST BE SELECTED FROM ONE OF THE TOPS TECH PATHWAYS WITH A PATHWAY CERTIFICATION OR CERTIFICATIONS		9
	TOTAL CORE UNITS	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* (H)
 English III* (G)
 English III* (AP)
 English IV
 English IV* (H)
 English IV* (G)
 English IV* (AP)
 Business English
 ESL I
 ESL II
 ESL III
 Advanced Composition I S
 AP Seminar (new)
 Mythology S
 Film in U.S. S

MATHEMATICS

Algebra I
 Algebra I* (H)
 Algebra I* (G)
 Geometry
 Geometry* (H)
 Geometry* (G)
 Algebra II
 Algebra II* (H)
 Algebra II* (G)
 Financial Literacy
 Pre-Calculus*\$ (H)
 Pre-Calculus* (G)
 Algebra III \$
 Probability and Statistics (H)
 Business Math
 Calculus*\$ (H)
 Calculus*\$(AP)
 Calculus BC\$ (AP)

SCIENCE

Physical Science\$
 Physical Science*\$ (H)
 Physical Science\$ (G)
 Biology\$
 Biology*\$ (H)
 Biology\$ (G)
 Biology II *\$(H)
 Biology II*\$ (AP)

SCIENCE (Continued)

Environmental Science\$
 Chemistry\$
 Chemistry*\$ (H)
 Chemistry\$ (G)
 Chemistry II\$ (AP)
 Physics (H)\$
 Astronomy\$ S
 Forensic Science\$ S
 Principles of Engineering Design
 Engineering Design & Development

SOCIAL STUDIES

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

CAREER TRANSITION

Quest for Success

ALLIED HEALTH

Emergency Medical Responder (First Responder)
 Health Science I/Intro to Health Occupations
 Health Science II
 Emergency Medical Technician*
 Certified Nurse Assistant*S

BUSINESS EDUCATION & COMPUTER TECHNOLOGY

Intro to Bus Computer Applications
 CIW Internet Business Associate
 Fundamentals of HTML/Java Script

COMMUNICATION

Speech I
 Speech II\$
 Pub I (Yearbook I)*

COMMUNICATION (CONTINUED)

Pub II (Yearbook II) *

TV Production I \$

TV Production II \$

Broadcasting III \$

Broadcasting IV \$

Adv.TV Broadcasting I

FAMILY & CONSUMER SCIENCES/PRO START

Family and Consumer Science I

Child Development S

Food and Nutrition\$ S

Adv. Food and Nutrition\$ S

Clothing & Textiles Occupations\$

ProStart I

EDUCATION AND TRAINING

STAR I/Intro to Teaching*

FINE ARTS

Art I\$

Art II\$

Graphic Arts I

Fine Arts Survey\$

MUSIC AND PERFORMING ARTS

Intermediate Band

Advanced Band

Jazz Ensemble* S

Sectional Rehearsal

Wind Ensemble

Beginning Choir

Small Vocal Ensemble\$*

Advanced Chorus\$*

Music Theory S

Applied Music (Color Guard) * S

FOREIGN LANGUAGE

French I\$

French II\$

French III\$

French IV\$

Spanish I\$

Spanish II\$

Spanish III\$

INDUSTRIAL TECHNOLOGY EDUCATION

General Technology Education\$

Basic Metals Technology\$

Advanced Metals Technology\$

Basic Tech Drafting I\$

CMAD Drafting \$

Architectural Drafting\$

Automotive Tech I (ASE)

Basic Wood

HACR (Heating/AC/Refrigeration)

LEADERSHIP

Developmental Leadership Skills* S

PHYSICAL EDUCATION

Physical Education I

Physical Education II

Physical Education III

Physical Education IV

Conditioning I (Non-Football)

Conditioning II (Non-Football)

Conditioning III (Non-Football)

Conditioning II (Football)

Conditioning III (Football)

Conditioning IV (Football) S

Varsity Team PE I (Girls)

Varsity Team PE II (Girls)

Varsity Team PE III (Girls)

Health

Cheer or Dance Team

MCJROTC

JROTC I

JROTC II

JROTC III

JROTC IV

NOCCA COURSES**STANDARDIZED TEST PREPARATION**

ACT Preparation \$

SENIOR INTERNSHIP

Internship*

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

Business English Resource

Biology Resource\$

Government Resource

U.S. History Resource

Study Skills I/II/III/IV

TALENTED CLASSES

Talented Theatre I (T)

Talented Theatre II (T)

Talented Theatre III (T)

Talented Theatre IV (T)

Talented Art I (T)

TALENTED CLASSES (Continued)

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)

NON-CREDITED COURSES**SHORT DAY**

Sixth period
Seventh period

*** = Teacher Approval****\$ = Class Fee
Only****S = Semester**

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 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.

ENGLISH I (HONORS)

Grade 9

Prerequisite: Advanced or Mastery score on 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 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.

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.

ENGLISH I (RESOURCE)

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.

ENGLISH II

Grade 10

English II is a survey of world literature including poetry, drama, short stories, 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.

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.

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.

ENGLISH II (RESOURCE)

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.

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 (HONORS)

Grade 11

Prerequisite: Credit in Eng I & II Honors or Gifted

English III Honors is an intensive chronological survey of American literature focusing on historical background, biography, and literary analysis. Students will work to improve writing style with focus on exposition and persuasion. Students will review sentence structure and usage through essay writing. A formal research paper assignment will utilize research and technology skills. Novel study will be based on state and parish curriculum along with teacher recommended selections. Various group and individual assignments will require research and presentation. All students will

complete a summer reading assignment that will be tested at the beginning of the year.

ENGLISH III (GIFTED)

GRADE 11

Gifted classes require a current IEP identifying to student as “gifted.”

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.

BUSINESS ENGLISH (FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM & TEACHER RECOMMENDATION)

Grade 12

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 III RESOURCE (FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM & TEACHER RECOMMENDATION)

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.

ENGLISH IV

Grade 12

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 (HONORS)

Grade 12

Prerequisite: **Credit in Eng I, II & III Honors or Gifted**
English IV Honors is an intensive 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. All students will be responsible for a summer reading assignment that includes a test at the beginning of the first quarter.

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.75 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 (GIFTED)

Grade 12

Gifted classes require a current IEP identifying the student as “gifted” according to state criteria.

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 English 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 on a weekly basis. Students will study examples of prose, drama, and poetry from various fields and periods with an emphasis on British and World literature. Advanced Placement credit is available to students who take the AP English Exam. All students will be responsible for completing a summer reading assignment that will be tested at the beginning of the year.

ENGLISH AS A SECOND LANGUAGE (ESL)

ESL I

ESL II

ESL III

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.

AP SEMINAR

Grade 10

Prerequisite: Credit in Eng I Honors or Gifted
OR teacher recommendation from on level Eng I

AP Seminar is a foundational course that builds skills needed to excel in other courses, especially AP and college level courses. The course uses an inquiry framework where students ask questions about topics of their interest and then form answers through exploration of articles, research studies, literary, and philosophical texts, speeches, broadcasts, personal accounts, and artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in writing, and design visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with precision in order to communicate evidence-based claims.

MYTHOLOGY

Grades 11-12 (1semester elective)

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.

Grade 11-12 (1st semester elective)

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.**

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.**

ALGEBRA I (GIFTED)

Grade 9

A current IEP identifying the student as “gifted” is required prior to enrollment. **All students will take a LEAP 2025 test in this subject.**

ALGEBRA I (RESOURCE)

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.**

GEOMETRY

Grades 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.**

GEOMETRY (HONORS)

Grade 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, manipulative and applications software will be an integral part of the instruction and assessment. 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.**

GEOMETRY (GIFTED)

Grades 10

A current IEP identifying the student as “gifted” is required. **All students will take a LEAP 2025 test in this subject.**

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.**

ALGEBRA II

Grades 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.

ALGEBRA II (HONORS)

Grades 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 place on theory, derivation, and real world applications. A graphing calculator is strongly recommended for this course

ALGEBRA II (GIFTED)

Grades 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.

PRE-CALCULUS (HONORS)

Grades 11 &12

Prerequisite: **Credit in Alg I, Geometry & Alg II Honors or Gifted; recommended that students have earned an A or B in Alg II Honors or Gifted**

Fee Required \$20 per year

Pre-Calculus Honors 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.

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.75 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.

PRE-CALCULUS (GIFTED)

Grades 12

A current IEP identifying the student as “gifted” is required prior to enrollment. A graphing calculator (preferably TI-84 or TI Nspire) is required for this course.

ALGEBRA III (HONORS)

Grades 11-12

Prerequisite: Algebra I, Geometry, and Algebra II

Fee Required \$20 per year

Students will pursue 3 hours of college credit for CMAT 1213, College Algebra, over a full year. 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. *Students will not receive credit for both Algebra III and Pre-Calculus.*

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.75 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.

ALGEBRA III (ON-LEVEL)

Grades 11-12

Fee Required \$20 per year

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.

PROBABILITY AND STATISTICS (HONORS)

Grade 12

Prerequisite: Algebra III or **Pre-Calc**

Fee Required \$20 per year

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.

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.75 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.

CALCULUS (HONORS)

Grades 12

Prerequisite: **Credit in Pre-Calculus Honors or Gifted**

Fee Required \$20 per year

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.

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.75 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.

CALCULUS (AP)

Grades 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.

CALCULUS BC (AP)

Grades 11-12 (1 year)

Prerequisite: **Prior or concurrent enrollment in Calculus AP**

This course is a study of advanced integration techniques and the calculus of sequences and series, parametric equations, polar equations, slope fields, and vectors. 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 the multiple choice and free response sections of the AP test. Students must take both Calculus AB and BC classes but only take the BC 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**

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**

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 and the periodic table of elements as well as the study of forces, simple machines, electricity, light and sound. Lab activities and teacher demonstrations support individual learning.

PHYSICAL SCIENCE (HONORS)

Grade 9

Prerequisite: **Advanced or Mastery on LEAP 2025 science test**

This is a lab-based course 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 physical science.

PHYSICAL SCIENCE (GIFTED)

Grade 9

A current IEP identifying the student as “gifted” is required.

PHYSICAL SCIENCE (RESOURCE)

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.

BIOLOGY

Grade 10

A laboratory based study of living things beginning at the cellular level and advancing to a study of systems. The course studies both plants and animals and does include dissection of a number of organisms **All students will take a LEAP 2025 test in this subject.**

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 laboratory oriented 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.**

BIOLOGY (GIFTED)

Grade 10

A current IEP identifying the student as “gifted” is required. **All students will take a LEAP 2025 test in this subject.**

BIOLOGY (RESOURCE)

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.**

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.

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 18 with a minimum English subscore of 18 and

Math subscore of 19. Dual Enrollment may carry a cost if the student elects to pursue it.

BIOLOGY II (AP)

Grade 12

This class is a full year course culminating 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

Grade 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 study will provide students with the science background they need to analyze for themselves many of the issues concerning our environment. Students will improve their awareness of environmental problems we are facing now and will be facing in the future. Students will prepare for certification in Safety & Pollution Control (S/P2).

CHEMISTRY

Grades 11

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 Chemistry I, but more in-depth and at an accelerated rate.

CHEMISTRY (HONORS – DUAL ENROLLMENT)

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 which 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 on line 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 11th & 12th grade students only who meet the qualifying criteria. At this time, a minimum GPA of 2.75 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)

Grade 11

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 (HONORS)

Grade 12

Prerequisite: **Must be concurrently enrolled in or have credit for Pre-Calculus, completed Algebra II with “B” or better and completed Chemistry with a “C” or better**

Honors: Physics is planned for college preparatory students planning to major in a STEM curriculum. Through this program of study, students should develop knowledge of concepts, practical applications, and mathematical applications of important topics.

ASTRONOMY

Grades 11-12

This is a course that includes a study of the solar system, the sun, the moon and the stars. Meteorology and flight will be discussed. Laboratory and project-based activities will be included.

FORENSIC SCIENCE

Grades 11-12

This course covers the study of forensic techniques used in the collections and analysis of evidence in order to insure

admissibility in court. Emphasis will be placed on forensic techniques and guest speakers.

PRINCIPLES OF ENGINEERING DESIGN

Grade 9-12

Prerequisite: **Enrollment or credit in geometry or credit in Gateway to Technology course (8th grade)**

Lab Fee: \$15.00

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 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 a PLTW End of Course test in this subject.**

ENGINEERING DESIGN & DEVELOPMENT

Grade 10-12

Prerequisite: Principles of Engineering Design

Lab fee: \$15.00

This course is an overview of the engineering fields, design process, and techniques used by engineers. Students will learn the basics of computer assisted drafting and design software, collaboration and problem-solving in this foundation course of the Project Lead the Way Pathway to the Engineering sequence. **All students will take a PLTW End of Course test in this subject.**

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.

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.

GOVERNMENT (GIFTED)

GRADE 10

A current IEP identifying the student as “gifted” is required prior to enrollment.

GOVERNMENT (RESOURCE)

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.

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 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 (HONORS)

Grade 9

Prerequisite: **Advanced or Mastery on LEAP 2025 social studies 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 GEOGRAPHY (RESOURCE)

GRADE 9

A current IEP identifying the student as meeting Special Education criteria is required.

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 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 (HONORS)

Grade 12

Prerequisite: **1 credit in World Geography Honors or Gifted and 1 credit in Government Honors or Gifted**

This survey course is a chronological study of the Renaissance through the 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.

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.75 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.

U.S. HISTORY

Grades 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.**

U.S. HISTORY (HONORS)

Grades 11

Prerequisite: **Credit in World Geography and credit in Government Honors or Gifted**

This course is based up on the textbook issued by Southeastern University, as well additional materials drawn from a variety of sources. There are 40 online lectures from Southeastern professors that are also a required supplement to the course. Honors is an accelerated course which requires completion of frequent written homework assignments, independent reading of a college text on a weekly basis and numerous class projects. Southeastern assesses students through 8 quizzes and 4 exams. **All students will take a LEAP 2025 test in this subject.**

U.S. HISTORY (AP)

Grade 11

Prerequisite: **Credit in Government Honors or Gifted**

This course is an advanced level course which 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.**

U.S. HISTORY (RESOURCE)

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. All students will take a LEAP 2025 test in this subject.

SOCIOLOGY I

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 I

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. Hist 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 through 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.

PRINCIPLES OF BUSINESS

Grades 11-12

Prerequisite: Customer Service

This course is an introductory course that provides students with basic business operations skills that can be applied in both personal and professional situations. Emphasis is placed on the exploration and description of basic business concepts and applications. Through business application projects critical-thinking, oral and written communication skills are reinforced in this course.

CUSTOMER SERVICE

Grades 10-12

Using real-life applications, students will be guided step-by-step through the entire process of owning their own business including developing a business plan for a mock business. Students will develop skills in customer satisfaction and loyalty. The students will gain an understanding of the skills, attitudes, and thinking patterns needed to win customer satisfaction and loyalty. Upon completion, the student will be eligible to test for the National Retail Federation Customer Service Test. Students passing the exam will receive the National Customer Service Certification.

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. The students will also study the FEMA National Incident Management System and may become certified for the FEMA-NIMS credential.

CAREER TRANSITIONS

QUEST FOR SUCCESS (FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA)

GRADES 11-12

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

ALLIED HEALTH/HEALTH SCIENCE

EMERGENCY MEDICAL RESPONDER (EMR)

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

All students pursuing the Emergency Medical Responder certification must be a junior or senior in high school. Students must pass both a psychomotor exam and a cognitive exam in order to attain EMR certification. Per the Louisiana Bureau of Emergency Medical Services, students must meet the following criteria in order to enroll in the course:

- Be proficient in reading, writing, and speaking the English language.
- Must have a 1.85 cumulative GPA prior to entering the EMR program and maintain a 2.0 course GPA while in the program.
- Be a minimum of 16 years of age by the scheduled end date of the EMR course.
- If less than 18 years of age, the student must provide the course instructor with a parental permission form, with the signature of a parent or guardian, verifying approval for enrollment in the course.
- Have no physical or mental impairment that would render the student unable to perform all practical skills required for the level of licensure without accommodation.
- Currently possess or earn in the EMR course a current AHA BLS CPR (or equivalent) card.
- Not have an arrest/conviction record that has not been cleared by the EMS Certification Commission.
- Maintain a professional appearance in line with local EMS expectations and in accordance with the local school district policy.
- Not be under the influence of any drugs or intoxicating substances that impair the ability to provide patient care or operate a motor vehicle while in class or clinicals, while on

duty, when responding to, or assisting in the care of a patient.

- Review and attest in writing receipt of an agreement to adhere to the policies contained in the Dual Enrollment EMS Program Student Handbook.
- Documentation from a physician attesting to the students' ability to perform the duties of an Emergency Medical Technician Responder (physical exam.)

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

EMERGENCY MEDICAL TECHNICIAN (EMT)

All students in this course will be dually enrolled with Northshore Technical Community College and students must adhere to the college attendance policy. All EMT students are committed to one full year of class.

All students pursuing the Emergency Medical Responder certification must be a senior in high school and must already be a certified Emergency Medical Responder (EMR.) Students must pass both a psychomotor exam and a cognitive exam in order to attain EMT certification. Per the Louisiana Bureau of Emergency Medical Services, students must meet the following criteria in order to enroll in the course:

- Be proficient in reading, writing, and speaking the English language.
- Must have a 2.0 cumulative GPA prior to entering the EMT program and maintain a 2.0 course GPA while in the program.
- Be a minimum of 16 years of age at the conclusion date of the EMT course.
- If less than 18 years of age, the student must provide the course instructor with a parental permission form, with the signature of a parent or guardian, verifying approval for enrollment in the course.
- Have no physical or mental impairment that would render the student unable to perform all practical skills required for the level of licensure without accommodation.
- Must possess a current AHA BLS CPR (or equivalent) card.
- Not have an arrest/conviction record that has not been cleared by the EMS Certification Commission.

- Maintain a professional appearance in line with local EMS expectations and in accordance with the local school district policy.
- Not be under the influence of any drugs or intoxicating substances that impair the ability to provide patient care or operate a motor vehicle while in class or clinicals, while on duty, when responding to, or assisting in the care of a patient.
- Review and attest in writing their acceptance and understanding of the EMT Functional Position Statement.
- Review and attest in writing receipt of an agreement to adhere to the policies contained in the Dual Enrollment EMS Program Student Handbook.
- Documentation from a physician attesting to the students' ability to perform the duties of an Emergency Medical Technician Responder (physical exam.)

EMT students must provide the following:

1. Physical exam (use provided form)
2. Proof of immunization
3. Tuberculosis test results
4. Proof of flu shot
5. Non-skid black, ankle-support boots
6. Scrubs (school will provide more information)

HEALTH SCIENCE I/HEALTH OCCUPATIONS

Grades 10-12

This course provides an introduction to medical occupations and professions. Various health careers are investigated.

HEALTH SCIENCE II

Grades 11-12

Prerequisite: Health Science I

This course integrates chemistry, microbiology, chemical reactions, disease processes, growth and development, and genetics, with anatomy and physiology of the body systems.

CERTIFIED NURSE ASSISTANT(SEMESTER)/ (YEARLONG)

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

Prerequisite: EMR

All students pursuing the CNA certifications must be a senior in high school and at least 16 years of age.

Students must pass both a written content component and a demonstrated skills component in order to attain certification. Clinical training must be performed in a

nursing home or on a Skilled Nursing Unit. The following are required in order to take the course:

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

BUSINESS AND INFORMATION TECHNOLOGY

INTRO TO BUSINESS COMPUTER

APPLICATIONS (IBCA)

Grades 9-12

****Possible Dual Enrollment**

(MOS Certifications offered)

Introduction to Business Computer Applications is a course designed to assist students in mastering the touch method of typing. Emphasis is placed on developing speed and accuracy in keying and preparing for the MOS (Microsoft Office Specialist). Advanced topics in Microsoft Word, Excel and PowerPoint will be covered.

This course is a prerequisite for most business courses.

CIW INTERNET BUSINESS ASSOCIATE

Grades 10, 11, 12

This course prepares students to work effectively in today's business environment. Students learn about Internet connection methods, Internet protocols, the Domain Name System (DNS), cloud computing, mobile devices, the basic functions of Web browsers, the components of Web addresses, browser use in the business world, browser plug-ins and add-ons to improve Web-browsing experience, and use browsers to download and manage files. Students will prepare for certification in CIW Internet Business Associate.

FUNDAMENTALS OF HTML/JAVA SCRIPT

Students will learn how to build websites, video games, and mobile apps, explore high-wage career paths in software development, and have an opportunity to earn an Industry Based Certification (IBC) in Fundamentals of JavaScript, Functional Programming and Web Development.

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.

PUBLICATIONS I (YEARBOOK I)

PUBLICATIONS II (YEARBOOK II)

Grades 10-12 (1 year elective)

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.

TELEVISION PRODUCTION I

TELEVISION PRODUCTION II

Grades 9-12 (1 year elective)

Fee: \$25 per year

Students will learn basic broadcasting terminology, camera techniques, and operation of editing equipment, with an emphasis in the post-production environment. Topics on lighting, audio for video, script writing, and storyboards will also be introduced. Students will further explore the world of broadcasting including but not limited to operating a camera from a tripod and "off the shoulder", shot framing, how to use and follow a "shot list", and outdoor lighting techniques.

For Broadcasting II, students broadcast on MBC, the school's broadcasting network.

BROADCASTING III

BROADCASTING IV

Grades 10-12 (1 year elective)

Fee: \$25 per year

Teacher approval required

These courses are designed for sophomores, juniors, and seniors 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. It is preferred that students complete the course for the entire year to earn credit.

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum ACT score of 18 is required. Dual Enrollment may carry a cost if the student elects to pursue it.

ADV TV BROADCASTING I/INTERNSHIP

Prerequisite: **Broadcasting I & II**

COURSE TAUGHT AT TREEN INSTRUCTIONAL TECHNOLOGY CENTER

Teacher approval required.

The course offers the student experience in all phases of studio and field production including conception, scripting, camera operation, editing, graphics, lighting and audio. *The student is required to provide his/her own transportation to and from the Tech Center.*

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.75 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.

FAMILY & CONSUMER SCIENCE/PROSTART

FAMILY & CONSUMER SCIENCE I

Grades 9-12

Lab Fee Required

This is a full-year comprehensive home economics course that includes instruction in child development, clothing and textiles, consumer education, food and nutrition, housing, personal development and family relationships.

FOOD AND NUTRITION

Grades 10-12

This first semester course includes instruction in the study of the relationship of nutrition to health and well-being, calorie requirements, the USDA Food Guide Pyramid and food labeling. The emphasis is on nutrition and the preparation of healthy foods. Units are included on all major food groups and food preparation labs accompany each topic studied.

ADVANCED FOOD AND NUTRITION

Grades 10-12

Prerequisite: Food and Nutrition

This second semester course usually begins with a unit on yeast breads and continues with the study of using herbs, spices and garnishes wisely. A unit on entertaining is included. We either cover a unit on Food Combinations or Food and Fitness. There is always a unit on Foods of the World and Foods of the U.S. Appropriate labs accompany each topic studied.

CLOTHING & TEXTILES OCCUPATIONS

Grades 10-12

Fee: \$10

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.

PRO START I

Grades 11-12

Prerequisite: Food and Nutrition with Teacher approval

****Possible Dual Enrollment**

The ProStart program lets high school juniors and seniors take their first real steps toward promising hospitality careers both in school and in the workplace. This is a career preparation class offering an opportunity for an on-site work internship. At school, students learn the basics of the food service industry which include careers in the food industry, organization and management, professionalism, safety and sanitation, tools and equipment, basic cooking principles, structure of a recipe and menu, and preparation techniques. The students learn from a specially designed curriculum that emphasizes real, on the job skills. The text used is "Becoming a Food Service Professional" by the National Restaurant Association's Educational Foundation. The class provides catering for various school events. This course is recommended for anyone interested in the culinary field, hotel and restaurant management, or dietetics.

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum

PreACT/ACT score of 15 is required along with a minimum English subscore of 15 AND a minimum math subscore of 15 in order to qualify for state funding for the course. Dual Enrollment may carry a cost.

EDUCATION AND TRAINING

STAR I (INTRO TO TEACHING)

Grades: 11-12

Lab Fee: \$5.00

Prerequisite: **Application, 2.5 GPA and passing EOC**

STAR (Students Teaching and Reaching) is a course designed to attract students to the field of education, providing information and field experiences relevant to pursuing a degree in education, and to prepare them for the rigors of a career in education so they will remain long-term educators. The STAR curriculum includes four major units: Learning about the Self, Appreciating Diverse Learners, Reviewing our History and Foundations, and Examining Teachers and Teaching. 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. They will earn a certificate issued by the State Department of Education. Please see Mrs. Dietrich for permission to enroll.

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.75 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

Fee: \$10.00 per semester

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

Advanced Drawing & Design (1st semester)

Advanced Color (2nd semester)

Prerequisite: Art I

Fee: \$10.00 per semester

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.

GRAPHIC ARTS I

Grades 10-12

Introduction to Photography – 1st semester (\$25 fee)

Introduction to Graphic Design 2nd semester (\$25 fee)

Introduction to Photography concentrates on improving composition in photography. Students are expected to have a 35mm camera or digital camera (5.0 megapixel or higher). Adobe Photoshop will be used to remove scratches, crop, and add filters and other special techniques to enhance the photographs. Finished work will be exhibited in the spring *Evening of the Arts* exhibit.

Introduction to Graphic Design includes the creation of logos, posters, flyers, product advertising, cartooning, and 2D animation. Adobe Photoshop and Adobe Illustrator are used to finalize artwork for print production. Drawing skills are needed as they are the basis for beginning and designing projects. 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

Fee: \$5.00 per semester

A non-performance course for students to develop an understanding of the Fine Arts. Students are scheduled one semester with a music teacher for studying music and theatre and one semester with an art teacher for studying art and dance.

MUSIC AND THEATRE ARTS

ADVANCED BAND

Grades 9-12

The first semester of this course is comprised of instrumental students and color guard members. This group performs at athletic events, school assemblies, contests, parades and other activities during the fall and spring seasons. Areas of study include playing techniques, scales and arpeggios, tone production and rhythms. Participation in after school rehearsals and performances is required.

The second semester Concert Band includes woodwind and brass performers. Much emphasis will be placed on music reading, counting, tone production, ensemble playing listening, and intonation. Participation in after school rehearsals is required

INTERMEDIATE BAND

Grades 9-12

The percussion class includes all percussionists. Much emphasis will be placed on counting, rudiments, technique, ensemble playing, and listening. This group performs at athletic events, school assemblies, contests, parades and other activities during the fall and spring seasons. Literature includes marches, pop music, traditional and contemporary band selections. Participation in after school rehearsals and performances is required.

JAZZ ENSEMBLE

Grades 9-12

The Jazz Band open only to qualified performers on the following instruments: saxophone, trumpet, trombone, piano, bass guitar, and set drums. Advanced study of jazz classics, blues, swing, funk, ballad, Latin, pop, and contemporary jazz selections. The group will perform at concerts, festivals, clinics, and small combo settings. Participation in after school rehearsals and performances is required.

WIND ENSEMBLE

Grades 9-12

The Symphonic Band is open to selected students through audition only. Areas of study include advanced technique, scales and arpeggios, tone production and rhythm. Literature includes marches, pop music,

traditional and contemporary band selections. Participation in after school rehearsals and performances is required.

BEGINNING CHOIR

Grades 9-12

Fee: \$15

No audition is required for this basic course designed for those who have a desire to sing. This is a continuation of what students have already learned in junior high but more in depth. Students will learn theory, tone production, and other vocal techniques and will perform music from classical to contemporary. Students are required to purchase a uniform that costs approximately \$58. This uniform will last them throughout their four years of chorus. Students are required to attend all performances and after school rehearsals.

ADVANCED CHORUS

Grades 9-12

Fee: \$15

Students must be in at least the tenth grade and have knowledge of solfeg, rhythm pitch and vocal techniques. Students are required to audition with choral director and obtain special permission to schedule this class. Advanced Chorus performs for local, state, and district events. Students must attend all rehearsals and performances during and after school. Students receive vocal training as well as knowledge of theory. A uniform is required at a cost of \$58.00.

SMALL VOCAL ENSEMBLE

(SHOW CHOIR)

Grades 9-12

Fee: \$15

Students must audition by performing a solo, dance, and sight read and have been in chorus for at least one semester. Students are required to participate in weekly rehearsals after school and all performances. ENCORE! sings Broadway, Classical, Disney and Contemporary music. Students are required to learn the advanced chorus music and attend all rehearsals and performances. Uniform cost is approximately \$100.

MUSIC THEORY

Grades 11-12

This is a course for students who plan to pursue the study of music in college. Students will learn modes, scales, key signatures, intervals, chord structure, rhythms, form, harmony, chordal and numeric analysis of music. Students combine these elements to create computerized compositions. Successful completion of this course prepares students for college theory placement exams.

MUSIC I (TALENTED)

MUSIC II (TALENTED)

MUSIC III (TALENTED)

MUSIC IV (TALENTED)

Grades 9-12 (1 year elective)

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 (1 year elective)

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

Continued emphasis of the four foreign language skills: reading, writing, speaking and listening.

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.75 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.

FRENCH III

Grades 10-12

Continued treatment of the four foreign language skills. Study of all compound tenses and other topics of advanced grammar. Students begin reading authentic literature and do in-depth study of cultural topics.

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.75 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.

FRENCH IV

Grades 10-12

Continued treatment of the four foreign language skills. Study of all compound tenses and other topics of advanced grammar. Students begin reading authentic literature and do in-depth study of cultural topics.

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.75 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

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.

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.75 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 III

Grades 10-12

This is an intermediate level course with more emphasis on the use of language in culture, literature and specific life situations. Focus is on the communicative aspect of language learning in a formal setting.

Dual Enrollment credit is available for students who meet the qualifying criteria. At this time, a minimum GPA of 2.75 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

GENERAL TECHNOLOGY EDUCATION

Grades 9-12

This course is designed as an introductory course into the world of industry and technology. Students build “mini projects” by using a process of developing the product from the ideas through production including drafting and design, materials and cost calculation, safety, use of tools and production procedures.

This is a prerequisite course and must be taken by all students before entering into any other industrial arts course with the exception of the technical drafting courses.

BASIC METALS TECHNOLOGY

Grades 10-12

Fee required

Basic Metals Technology involves the use of tools, materials, processes and related information in the design, planning, construction, and finishing of metal products in metalworking areas such as bench metal, sheet metal, forging, metal casting, ornamental metalwork, and welding. Basic Metals is the first metals course in the Industrial Technology curriculum.

ADVANCED METALS TECHNOLOGY

Grades 10-12

Advanced Metal Technology is the second metals course in the Industrial Technology curriculum. It is designed for the student with a continuing interest in Metalworking. Advanced Metals involves the exploration of the areas of Sheet-metal, Metallurgy, Casting, Welding, Machining, Materials Testing, Finishing, Safety, and the use of tools, machines, and materials to plan, design, and construct metal products in the above areas. Students enrolled in this course assist the instructor with shop projects and other school projects that require little to no assistance to complete.

BASIC TECHNICAL DRAFTING I

Grades 9-12

This class is designed to give students a general overview of the basic concepts that are common to the broad field of technical drafting. Drafting is used by engineers, designers, architects and other individuals to describe the size, shape and other details of manufacturing that cannot be effectively described with the written words of a language. Drafting provides students the ability to read and understand drawings that are concerned with the assembly, installation, and operation of common household products. Students should be able to develop the ability to visualize

relationships between objects and working drawings. The study of drafting should also help develop the ability to express ideas graphically and to solve everyday problems through the use of drawings. Technical accuracy is necessary, and related mathematics, science and technical vocabulary are taught simultaneously with practical activities.

CMAD DRAFTING

Grades 10-12

Fee required

CMAD Drafting is a second class in Drafting Technology. This class is designed to allow students to improve and develop their drafting techniques and will provide information about various fields of engineering, industry, and manufacturing. Students will design and make projects related to as many different subjects as possible. Students will be encouraged to experiment and do further study to enhance their understanding of material processes, and products of engineering. Students are given the opportunity to expand the ability to express ideas in pictorial form, to describe the shape of objects through the use of drawings and to read and understand projection methods. Technical accuracy is necessary, and related mathematics, science, and technical vocabulary are taught simultaneously with practical activities.

ARCHITECTURAL DRAFTING

Grades 11-12

Prerequisite: **Basic Technical Drafting**

Fee required.

Architectural Drafting is designed to give the student an overview of the basic concepts that are common in the areas of residential planning and design. The steps in planning will enable students to design a residence to meet given specifications. The student will gain firsthand, practical experiences, in addition to theoretical knowledge.

AUTOMOTIVE TECHNOLOGY I (ASE)

COURSE TAUGHT OFF CAMPUS

Grades 11-12

Prerequisites: **Must be 16 years old**

This two hour block shop/classroom experience program covers the competencies and knowledge necessary for an individual to master basic automotive skills, select and safely use power tools, jacks, and hoisting equipment, and earn entry level certifications in steering and suspensions, brakes, electrical and engine performance. Please see Mrs. Dietrich for permission to enroll. *Student is required to provide his/her own transportation to/from Covington High School.*

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

BASIC WOOD

Grades 9-12

This is a basic woodworking course, It includes the basic use of hand tools, emphasizing construction procedures and processes through theory and application.

HACR 1150 INTRODUCTION (FALL)- (NEW)

COURSE TAUGHT OFF CAMPUS 11-12:30

Grades 12

This course is designed to provide information needed to prepare individuals to enter the Air Conditioning and Refrigeration Industry. Topics include: Basic safety, fire prevention and health, inventory control, stock management, licensing, certification requirements, and basic business management practices. Please see Mrs. Dietrich for permission to enroll. *Student is required to provide his/her own transportation to/from NTCC in Lacombe.*

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

HACR 1160 (FALL)- PRINCIPLES OF

REFRIGERATION (NEW)

COURSE TAUGHT OFF CAMPUS 11-12:30

Grade 12

This course teaches the proper and safe use of hand tools including power tools and materials in the HVAC Industry. This course also provides for a review of HVAC and refrigeration processes and applications. Topics include: identify various types of pipe, tubing, and fittings; swaging, flaring and cutting copper tubing; set-up and use of an oxyacetylene torch set and proper soldering and brazing techniques. requirements, and basic business management practices. Please see Mrs. Dietrich for permission to enroll. *Student is required to provide his/her own transportation to/from NTCC in Lacombe.*

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

HACR 1170 (SPRING)- PRINCIPLES OF

REFRIGERATION II (NEW)

COURSE TAUGHT OFF CAMPUS 11-12:30

This course teaches the student with the skills and knowledge to install, repair and service major components of a refrigeration system. Topics include: compressors; evaporators; condensers; metering devices; service procedures; refrigeration systems; and safety. Please see Mrs. Dietrich for

permission to enroll. Student is required to provide his/her own transportation to/from NTCC in Lacombe.

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

HACR 1180 (SPRING)- PRINCIPLES OF

REFRIGERATION III NEW)

COURSE TAUGHT OFF CAMPUS 11-12:30

This course teaches the skills and knowledge to evacuate, charge, and leak checking a sealed system according to EPA and Industry standards. Topics include: Triple Evacuation, Burn-out cleanup of system, weigh-in charging, Superheat settings and Sub-cool adjustments and safety. Please see Mrs. Dietrich for permission to enroll. Student is required to provide his/her own transportation to/from NTCC in Lacombe.

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

LEADERSHIP

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 I (NON-FOOTBALL)

CONDITIONING PE II (NON-FOOTBALL)

CONDITIONING PE III (NON-FOOTBALL)

Grades 10-12

This course is designed for any athlete interested in a variety of activities that will develop cardiovascular fitness, flexibility, muscular strength and endurance. This class will be offered only one period each semester.

CONDITIONING PE II (FOOTBALL)

CONDITIONING PE III (FOOTBALL)

CONDITIONING PE IV (FOOTBALL)

Grades 10-12

Prerequisite: Football players only

This course is designed to develop the four health components of physical fitness: cardiovascular fitness, flexibility, body composition, and muscular strength and endurance.

HEALTH EDUCATION

Grades 10 -1 2

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 semester 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.

Pre-requisite: **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, receive a favorable recommendation from the Senior Marine Instructor or Marine Instructor to enroll in JROTC.**

JROTC I **JROTC 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, Marine Band, and Air Rifle Teams. Teams are led and organized by the students under the supervision of the instructors. Each summer includes a six-day field trip for 40-50 students to a major military installation. Personal expenses are required for food and miscellaneous needs. Transportation and rooms are made available by the supporting military installation. All expenses associated with Drill competitions and other matches are defrayed by JROTC fund-raising events. *Successful completion of JROTC I & II satisfies the PE and Health requirements for graduation.*

JROTC III **JROTC IV**

JROTC III includes advanced leadership and management training with students in the course charged with leadership and administrative assignments at the company and extracurricular team level. Classroom instruction includes, but is not limited to, leadership management, military history, survival training, and marksmanship. Additional field trips are scheduled where possible and students remain eligible for all extracurricular activities mentioned in JROTC I.

JROTC IV includes advanced leadership and management training. Students will receive billet assignments at the Battalion and Company levels. Where feasible, students will be scheduled during the same periods as JROTC I students and function in leadership positions to assist in training and Drill. Advanced Leadership education will include custom and courtesy, military justice, military history and advance motivational skills required in leadership positions beyond graduation. Self-study on chosen topics related to the military may be required depending on time or scheduling.

NOCCA

NOCCA CHORUS
NOCCA CREATIVE WRITING I
NOCCA CREATIVE WRITING II
NOCCA DANCE
NOCCA MUSIC
NOCCA THEATER
NOCCA VISUAL ARTS I
NOCCA VISUAL ARTS II

ADDITIONAL INFORMATION ON NOCCA MAY BE FOUND AT WWW.NOCCA.COM.

STANDARDIZED TEST PREPARATION

ACT PREPARATION

Fee required \$5.00

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. The students will learn test-taking strategies as well as take sample tests. Practice assignments are required on a daily basis.

SENIOR INTERNSHIP

Internship I **OFF-CAMPUS INTERNSHIP**

Grade 12

Please see Mrs. Dietrich to enroll. This course provides opportunities to study a particular field in-depth and to serve as an intern in an area of the public or private sector. Students are placed at on-site work internships for a minimum of six hours of work per week. The work sites are under the direction of the person engaged in the career field which the student has selected. Students also have regularly scheduled weekly class at school. This is a full-year, two-credit course with no half credit available. Students furnish their own transportation to the internship.

SHORT DAY

Short Day 6 **Short Day 7**

Mandeville High School does not endorse early release. No one may schedule less than five credit courses.

When a student becomes a graduating senior and needs less than seven units to graduate, he/she may request to schedule a short day. No student is to allowed short day status if they do not have transportation each 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.

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.

Listed below are the supported TOPS TECH CAREER DIPLOMA Pathways.

Pathways: Jumpstart 1.0

- Business Management
- Digital Media and Entertainment Technology
- Health Science, Patient Care, and Management
- Hospitality, Tourism, Culinary and Retail
- Information Technology
- Manufacturing, Construction, Crafts, and Logistics
- Technology Specialist

Pathways: Jumpstart 2.0

- Architecture/Construction
- Arts/AV/Communication
- Business
- Health Sciences
- Hospitality
- IT
- Manufacturing
- Transportation

DUAL ENROLLMENT COURSES

LOUISIANA TECH UNIVERSITY (RUSTON, LA)

Biology II Honors
French II, III, IV
Spanish II, III

SOUTHEASTERN LOUISIANA UNIVERSITY

Calculus Honors
Chemistry Honors
Algebra III Honors
Pre-Calculus Honors
Probability and Statistics Honors
English IV Honors
World History Honors
STAR

NORTHSHORE TECHNICAL COMMUNITY COLLEGE

Automotive Technology I & II
Patient Care Technician (C.N.A.)
Emergency Medical Technician
Emergency Medical Responder (First Responder)

NUNEZ COMMUNITY COLLEGE

ProStart I

INDUSTRY-BASED CERTIFICATIONS

HEALTH SCIENCE

Certified Nursing Assistant
Emergency Medical Technician
Emergency Medical Responder (First Responder)
CPR & First Aid

BUSINESS AND INFORMATION TECHNOLOGY

MOS Word (Microsoft Office Specialist)/MOS Excel/MOS Power Point
CIW Internet Business Associate
Fundamentals of HTML Java Script I/II

AUTOMOTIVE TECHNOLOGY

ASE Certification

COMMUNICATION

Adobe Premiere

FAMILY AND CONSUMER SCIENCE/PROSTART

ServSafe Food Manager
Serv Safe Food Handler

GRAPHIC ARTS

Adobe Photoshop & InDesign

MJROTC

FEMA National Incident Management System


SOCIAL STUDIES

Business of Retail
Customer Service and Sales
Certified Guest Professional
Micro-Enterprise
OSHA 10 Workplace Safety Certification


SCIENCE

Automobile Safety and Pollution Control (S/P 2)

TOPS TECH PATHWAYS FOR CAREER AND TECHNICAL EDUCATION

Pathway Name	Business Management		 Regional																															
High-Demand Careers Related to this Pathway	<u>Retail Management</u> 5 Star: Sales Managers; 4 Star: First Line Supervisors of Retail Workers. Also: Store Managers, Assistant Store Managers																																	
	<u>Business Administration</u> 5 Star: Administrative Services Manager, Supervisor of Office Workers, Financial Managers. Also: Customer Service Representative, Office Supervisor, Operations Manager, Management Analyst																																	
	<u>Hospitality Management</u> 5 Star General and Operations Managers; 4 Star Food Service and Lodging Managers																																	
MHS Sample Schedule																																		
Pathway Course Progression (9 units, including a Career Readiness class)	9th Grade Sample Schedule		10th Grade Sample Schedule	11th Grade Sample Schedule	12th Grade Sample Schedule																													
Chemistry* CIW Internet Business Associate Clothing & Textiles Occupations CTE Internship I Customer Service Quest for Success/Journey to Careers Financial Literacy* First Responder General Tech Education Geometry* Graphic Arts I Intro to Business Computer Apps JROTC III/IV Keyboarding/Keyboarding Applications Law Studies Pre-Apprenticeship Core Principles of Business Speech I, II Television Production I, II Study Skills I, II, III, IV *Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.	Algebra 1 English I Physical Science World Geography <i>Speech I</i> Physical Education I <i>Elective Course</i>		Geometry English II Biology Government <i>Speech II</i> Physical Ed. II/Health <i>Principles of Business</i>	Math Essentials English III Environmental Science U.S. History <i>Graphic Arts I</i> <i>IBCA</i> <i>Customer Service</i>	Financial Literacy English IV <i>Quest for Success</i> <i>Customer Service</i> <i>Law Studies</i> Elective Course																													
	Credential Earned by this Student	<table><tr><th colspan="5">Must Earn 1</th></tr><tr><td></td><td colspan="2">Customer Service</td><td colspan="2">Regional Micro-Enterprise</td></tr><tr><th colspan="5">AND Must Earn 2</th></tr><tr><td></td><td>Microsoft Word</td><td></td><td>First Aid + CPR and AED</td><td>WorkKeys Silver</td></tr><tr><td></td><td>Microsoft Excel</td><td></td><td>Microsoft PowerPoint</td><td>OSHA 10</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>				Must Earn 1						Customer Service		Regional Micro-Enterprise		AND Must Earn 2						Microsoft Word		First Aid + CPR and AED	WorkKeys Silver		Microsoft Excel		Microsoft PowerPoint	OSHA 10				
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	Customer Service		Regional Micro-Enterprise																															
AND Must Earn 2																																		
	Microsoft Word		First Aid + CPR and AED	WorkKeys Silver																														
	Microsoft Excel		Microsoft PowerPoint	OSHA 10																														
Bold italicized courses count as one of the required <u>9 Carnegie Pathway credits</u> for graduating via this CTE pathway.																																		

TOPS TECH PATHWAYS FOR CAREER AND TECHNICAL EDUCATION

Pathway Name	Digital Media & Entertainment Technology		Integrated			
High-Demand Careers Related to this Pathway	5 Star: Marketing Specialists, Marketing Managers, Public Relations Specialists 4 Star: Multimedia Artists and Animators, Graphic Designers, Advertising and Promotions Managers					
MHS Sample Schedule						
Pathway Course Progression (9 units, including a Career Readiness class)	9th Grade Sample Schedule	10th Grade Sample Schedule	11th Grade Sample Schedule	12th Grade Sample Schedule		
Art I, II Chemistry* CIW Internet Business Assoc CTE Internship I Customer Service Quest for Success/Journey to Careers Financial Literacy* First Responder Geometry* Graphic Arts I Intro to Business Computer Apps Engineering Design & Development JROTC III/IV Keyboarding/Keyboarding Applications Law Studies Television Production I Television Production II Talented Theatre I,II Principles of Business Principles of Engineering Design Psychology Speech I, II Study Skills I, II, III, IV *Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.	Algebra 1 English I Physical Science World Geography Speech I Physical Education I <i>Elective Course</i>	Geometry English II Biology Government Speech II Physical Ed. II/Health Principles of Business	Math Essentials English III Environmental Science U.S. History Television Production I CIW Internet Business Assoc IBCA	Financial Literacy English IV Television Production II Quest for Success Graphic Arts I		
	Credential Earned by this Student	Adobe Certified Associate (Basic) or CIW Business Internet Associate OR				
		Must Earn 1				
			Regional Micro-Enterprise Certification			
		AND Must Earn 2				
			Microsoft Word		First Aid (CPR and AED)	WorkKeys Silver
			Microsoft Excel		Microsoft PowerPoint	OSHA 10
			NCCER Core		Customer Service	
	Bold italicized courses count as one of the required 9 Carnegie Pathway credits for graduating via this CTE pathway.					

TOPS TECH PATHWAYS FOR CAREER AND TECHNICAL EDUCATION

Pathway Name	Health Sciences- Patient Care, & Management	Integrated						
High-Demand Careers Related to this Pathway	5 Star: Licensed Practical and Vocational Nurses; Medical Services Managers; Physical Therapists; Registered Nurses 4 Star: Environmental Science and Protection Technicians; Health and Safety Engineers; Healthcare Social Workers; Occupational Health and Safety Specialists 3 Star: Medical Records and Health Information Technicians; Occupational Health and Safety Technicians							
MHS Sample Schedule								
Pathway Course Progression (9 units, including a Career Readiness class)	9th Grade Sample Schedule		10th Grade Sample Schedule	11th Grade Sample Schedule	12th Grade Sample Schedule			
Certified Nursing Assistant Chemistry* CTE Internship I Customer Service Quest for Success/Journey to Careers Financial Literacy* First Responder Food & Nutrition/Advanced Food Geometry* Health Science I & II Intro to Business Computer Apps JROTC III/IV Keyboarding/Keyboarding Applications Law Studies Principles of Business Psychology Speech I, II Study Skills I, II, III, IV *Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.	Algebra 1 English I Physical Science World Geography Speech I Physical Education I <i>Elective Course</i>		Geometry English II Biology Government Speech II Physical Ed. II/Health Principles of Business	Math Essentials English III Environmental Science U.S. History Food & Nutrition (1/2 Unit) Advanced Food (1/2 Unit) Health Science I IBCA	Financial Literacy English IV Customer Service First Responder or C.N.A ProStart I Quest for Success			
	Credential Earned by this Student		C.N.A. or EMT or EMR					
			OR					
			Must Earn 1					
				ServSafe Manager		Regional Micro-Enterprise Credential		
			AND Must Earn 2					
				Microsoft Word		First Aid + CPR and AED		WorkKeys Silver
				Microsoft Excel		Microsoft PowerPoint		OSHA 10
				Customer Service				
			Bold italicized courses count as one of the required 9 Carnegie Pathway credits for graduating via this CTE pathway.					


TOPS TECH PATHWAYS FOR CAREER AND TECHNICAL EDUCATION

Pathway Name	Hospitality, Tourism, Culinary, and Retail		Integrated																																					
High-Demand Careers Related to this Pathway	Hospitality: 5 Star – General and Operations Manager; 4 Star – Food Service Manager; Lodging Manager; 3 Star – Customer Service Representative; First-Line Supervisor of Food Prep and Serving Workers, Housekeeping and Janitorial Workers, Personal Service Workers Tourism: 4 Star– Lodging Manager; 2 Star – Hotel Desk Clerk; Tour Guide and Escort; Travel Agent Culinary: 4 Star – Food Service Manager; Chefs and Head Cook; 3 Star – First Line Supervisor of Food Prep and Serving Workers Retail: 5 Star: Sales Manager; 4 Star: First-Line Supervisor of Retail Workers. Also: Store Manager, Assistant Store Manager																																							
MHS Sample Schedule																																								
Pathway Course Progression (9 units, including a Career Readiness class)	9th Grade Sample Schedule	10th Grade Sample Schedule	11th Grade Sample Schedule		12th Grade Sample Schedule																																			
Chemistry* CTE Internship I Customer Service Quest for Success/Journey to Careers Family and Consumer Science Financial Literacy* First Responder Food & Nutrition/Advanced Food Foreign Language (2 years) Geometry* Health Science I, II Intro to Business Computer Apps JROTC III/IV Keyboarding/Keyboarding Applications Law Studies Principles of Business ProStart I Psychology Speech I, II Study Skills I, II, III, IV *Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.	Algebra 1 English I Physical Science World Geography Speech I Physical Education I <i>Elective Course</i>	Geometry English II Biology Government Speech II Physical Ed. II/Health Principles of Business	Math Essentials English III Environmental Science U.S. History Health Science I IBCA Food & Nutrition(1/2 unit) Adv Food & Nutrition (1/2 unit)		Financial Literacy English IV Quest for Success Customer Service ProStart I <i>Elective Course</i>																																			
	Credential Earned by this Student	<table><tr><td colspan="6">Must Earn 1</td></tr><tr><td></td><td colspan="2">Customer Service</td><td colspan="2">ServSafe Manager</td><td>Regional Micro-Enterprise Credential</td></tr><tr><td colspan="6">AND Must Earn 2</td></tr><tr><td></td><td colspan="2">Microsoft Word</td><td></td><td>First Aid + CPR and AED</td><td>WorkKeys Silver</td></tr><tr><td></td><td colspan="2">Microsoft Excel</td><td></td><td>Microsoft PowerPoint</td><td>OSHA 10</td></tr><tr><td></td><td colspan="2">Customer Service</td><td></td><td></td><td></td></tr></table>				Must Earn 1							Customer Service		ServSafe Manager		Regional Micro-Enterprise Credential	AND Must Earn 2							Microsoft Word			First Aid + CPR and AED	WorkKeys Silver		Microsoft Excel			Microsoft PowerPoint	OSHA 10		Customer Service			
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	Customer Service		ServSafe Manager		Regional Micro-Enterprise Credential																																			
AND Must Earn 2																																								
	Microsoft Word			First Aid + CPR and AED	WorkKeys Silver																																			
	Microsoft Excel			Microsoft PowerPoint	OSHA 10																																			
	Customer Service																																							
Bold italicized courses count as one of the required <u>9 Carnegie Pathway credits</u> for graduating via this CTE pathway.																																								

TOPS TECH PATHWAYS FOR CAREER AND TECHNICAL EDUCATION

Pathway Name	Information Technology	Integrated																																							
High-Demand Careers Related to this Pathway	5 Star Jobs: Computer Systems Manager, Computer Programmer, Computer Systems Analyst, User Support Specialist, Industrial Engineer, Network Systems Administrator, Sales Rep – Technical and Scientific Products, Software Developer 4 Star Jobs: Computer Network Architect, Computer Network Support Specialist, Database Administrator																																								
MHS Sample Schedule																																									
Pathway Course Progression (9 units, including a Career Readiness class)	9th Grade Sample Schedule	10th Grade Sample Schedule	11th Grade Sample Schedule	12th Grade Sample Schedule																																					
Chemistry* CIW Internet Business Assoc CTE Internship I Customer Service Quest for Success/Journey to Careers Financial Literacy* First Responder Geometry* Graphic Arts I Health Science I & II Intro to Business Computer Apps Engineering Design & Development JROTC III/IV Keyboarding/Keyboarding Applications Law Studies Pre-Apprenticeship Core Principles of Business Principles of Engineering Design Speech I, II Talented Art I, II Talented Theater I, II, III, IV Television Production I, II Study Skills I, II, III, IV *Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.	Algebra 1 English I Physical Science World Geography Speech I Physical Education I <i>Elective Course</i>	Geometry English II Biology Government Speech II Physical Ed. II/Health Principles of Business	Math Essentials English III Environmental Science U.S. History Graphic Arts I IBCA Television Production I	Financial Literacy English IV Quest for Success CIW Internet Business Assoc Television Production II Customer Service																																					
	Credential Earned by this Student	<div>Adobe Certified Associate (Basic)</div> <div>OR</div> <table><tr><td colspan="6">Must Earn 1</td></tr><tr><td></td><td colspan="5">Regional Micro-Enterprise</td></tr><tr><td colspan="6">AND Must Earn 2</td></tr><tr><td></td><td>Microsoft Word</td><td></td><td>First Aid + CPR and AED</td><td></td><td>WorkKeys Silver</td></tr><tr><td></td><td>Microsoft Excel</td><td></td><td>Microsoft PowerPoint</td><td></td><td>OSHA 10</td></tr><tr><td></td><td>Customer Service</td><td></td><td></td><td></td><td></td></tr></table>				Must Earn 1							Regional Micro-Enterprise					AND Must Earn 2							Microsoft Word		First Aid + CPR and AED		WorkKeys Silver		Microsoft Excel		Microsoft PowerPoint		OSHA 10		Customer Service				
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	Microsoft Word		First Aid + CPR and AED		WorkKeys Silver																																				
	Microsoft Excel		Microsoft PowerPoint		OSHA 10																																				
	Customer Service																																								
Bold italicized courses count as one of the required 9 Carnegie Pathway credits for graduating via this CTE pathway.																																									

TOPS TECH PATHWAYS FOR CAREER AND TECHNICAL EDUCATION

Pathway Name	Manufacturing, Construction Crafts and Logistics		 Integrated				
High-Demand Careers Related to this Pathway	5 Star – Service Unit Operator; Heating, Air Conditioning & Refrigeration Mechanic & Installer,; Cost Estimator; Inspector 4 Star – Derrick Operators; Rotary Drill Operator; Roustabouts; Bus & Truck Mechanic; Diesel Engine Specialist 3 Star – Engine & Other Machine Assembler Also: Industrial Engineer Technicians, Petroleum Pump Systems Operators, Refinery Operators, Maintenance Workers, Electricians, Construction Managers						
MHS Sample Schedule							
Pathway Course Progression (9 units, including a Career Readiness class)	9th Grade Sample Schedule		10th Grade Sample Schedule	11th Grade Sample Schedule	12th Grade Sample Schedule		
Architectural Drafting Basic Technical Drafting Chemistry* CMAD Drafting Customer Service CTE Internship I Quest for Success/Journeys to Careers Environmental Science* Financial Literacy* First Responder General Technology Education Geometry* Intro to Business Computer Apps Engineering Design & Development JROTC III/IV Law Studies Pre-Apprenticeship Core Pre-Apprenticeship Carpentry 1 Outdoor Power Equipment Technician Principles of Business Principles of Engineering Design Speech I, II Study Skills I, II, III, IV *Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.	Algebra I English I Physical Science World Geography Speech I General Tech Ed. Physical Education I		Geometry English II Biology Government Speech II Pre-Apprenticeship I Core Physical Ed. II /Health	Math Essentials English III Environmental Science U.S. History IBCA Pre-Apprenticeship II Carpentry	Financial Literacy English IV Outdoor Power Eqpt. Customer Service Quest for Success <i>Elective Course</i>		
	Credential Earned by this Student	CITF Pre-Apprentice I or S/P2 or ASE(Auto Tech)					
		OR					
		Must Earn 1					
		Regional Micro-Enterprise	Emergency Medical Responder	FEMA-NIMS	Pre-Apprenticeship Core & Carpentry Helper Modules		
		AND Must Earn 2					
			Microsoft Word		First Aid + CPR and AED		WorkKeys Silver
			Microsoft Excel		Microsoft PowerPoint		OSHA 10
			Customer Service		Pre-Apprenticeship Core		
	Bold italicized courses count as one of the required <u>9 Carnegie Pathway credits</u> for graduating via this CTE pathway.						

TOPS TECH PATHWAYS FOR CAREER AND TECHNICAL EDUCATION

Pathway Name	Technology Specialist	Integrated																																						
High-Demand Careers Related to this Pathway	5 Star: Network & Computer Systems Administrators; Computer & Information Systems Managers; Computer Programmer; General & Operations Managers; Software Developers																																							
	4 Star: Computer Network Support Specialist; Graphic Designers; Web Designer																																							
MHS Sample Schedule																																								
Pathway Course Progression (9 units, including a Career Readiness class)	9th Grade Sample Schedule	10th Grade Sample Schedule	11th Grade Sample Schedule	12th Grade Sample Schedule																																				
Chemistry* Basic Technical Drafting I CMAD Drafting CIW Internet Business Assoc CTE Internship I Customer Service Quest for Success/Journey to Careers Financial Literacy* First Responder Geometry* Graphic Arts I Intro to Business Computer Apps Engineering Design & Development JROTC III/IV Keyboarding/Keyboarding Applications Fund of Java Script HTML Advanced HTML Pre-Apprenticeship Core Principles of Business Principles of Engineering Design Speech I, II Television Production I, II Study Skills I, II, III, IV Gen Tech Ed	Algebra 1 English I Physical Science World Geography Speech I Physical Education I <i>Elective Course</i>	Geometry English II Biology Government Speech II Physical Ed. II/Health Principles of Business	Math Essentials English III Environmental Science U.S. History Graphic Arts I IBCA Television Production I	Financial Literacy English IV Quest for Success CIW Internet Business Assoc Television Production II Customer Service																																				
	Credential Earned by this Student	<div>Adobe Certified Associate (Basic) or CIW Business Internet Assoc or Fund of HTML OR</div> <table><tr><td colspan="6">Must Earn 1</td></tr><tr><td></td><td colspan="5">Regional Micro-Enterprise</td></tr><tr><td colspan="6">AND Must Earn 2</td></tr><tr><td></td><td>Microsoft Word</td><td></td><td>First Aid + CPR and AED</td><td></td><td>WorkKeys Silver</td></tr><tr><td></td><td>Microsoft Excel</td><td></td><td>Microsoft PowerPoint</td><td></td><td>OSHA 10</td></tr><tr><td></td><td>Customer Service</td><td></td><td></td><td></td><td></td></tr></table>				Must Earn 1							Regional Micro-Enterprise					AND Must Earn 2							Microsoft Word		First Aid + CPR and AED		WorkKeys Silver		Microsoft Excel		Microsoft PowerPoint		OSHA 10		Customer Service			
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	Microsoft Word		First Aid + CPR and AED		WorkKeys Silver																																			
	Microsoft Excel		Microsoft PowerPoint		OSHA 10																																			
	Customer Service																																							
*Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.																																								
Bold italicized courses count as one of the required 9 Carnegie Pathway credits for graduating via this CTE pathway.																																								

TOPS TECH PATHWAYS BEGINNING 2020-2021 for INCOMING FRESHMEN & BEYOND

Pathways	Arch/const	Arts/AV/Comm	Business	Health Science
	Only 1 certification needed for pathway	Only 1 certification needed for pathway	Only 1 certification needed for pathway	Only 1 certification needed for pathway
Students will only need	CTIF I	Photoshop	Customer Service	Cert Nursing Asst
1 certification for the	OSHA 10	Illustrator	MicroEnter -Regional	EMR
chosen pathway		CIW Internet Bus Assoc	Photoshop	EMT
pathway:		Premier Pro	Illustrator	
			CIW Internet Bus Assoc	
			Word, PPT & Excel	
UNIVERSAL COURSES (BELOW) USED FOR ANY PATHWAY	SPECIFIC PATHWAY COURSES	SPECIFIC PATHWAY COURSES	SPECIFIC PATHWAY COURSES	SPECIFIC PATHWAY COURSES
Business Law	General Tech Ed	Advanced Band	Adv Food & Nut	Biology II
CDF internship	Env Science	Art I	Ag II	Business Math
CTIF Core (Pre-Apprentice I)	Graphic Arts I	Art II	Ag III	Chemistry
Customer Service	Geometry	Art III	Bus Computer Apps	Graphic Arts I
EMR	Principles of Eng	Art IV	Bus English	EMT Basic
Financial Literacy	Chemistry	Beginning Band	Business Law	Env science
Foreign language I & II	Business Math	Beginning Choir	Business Math	Health Science I
General Tech Ed	Pre-Apprentice II	CIW Internet Bus Assoc	CIW Internet Bus Assoc	Health Science II
IBCA	Basic Wood	Graphic Arts I	Graphic Arts I	Nursing Assistant
General Tech Ed	HVAC (Heating/AC/Refr) 2 crd	Fine Art Survey	Pro Start I	Nut&Food/Adv Nut
IBCA		Geometry	ProStart II	Family & Consumer Science
Prin of Business		G & T Theater I-IV	Publications I	
Quest for Success		G & T Music I-IV	Publications II	
ROTC III, IV		Publications I		
Speech II		Publications II		
STAR		Small vocal ensemble		
		TV Production I		
		TV Production II		
	Must have 9 pathway credits & certification to graduate	Must have 9 pathway credits & certification to graduate	Must have 9 pathway credits & certification to graduate	Must have 9 pathway credits & certification to graduate

TOPS TECH PATHWAYS (CONTINUED) FOR INCOMING FRESHMEN BEGINNING 2020-2021 & BEYOND

Pathways	Hospitality	IT	Manufacturing	Transportation
	Only 1 certification needed for pathway	Only 1 certification needed for pathway	Only 1 certification needed for pathway	Only 1 certification needed for pathway
Students will only need 1 certification from the chosen pathway.	Guest Service	Photoshop	OSHA 10	OSHA 10
	Customer Service	Illustrator		SP/2
	ServSafe Food Handler	CIW Internet Bus Assoc		ASE (Auto Tech)
	ProStart & Servsafe	Word, PPT, & Excel		
	Servsafe Manager			
UNIVERSAL COURSES (BELOW) USED FOR ANY PATHWAY	SPECIFIC PATHWAY COURSES	SPECIFIC PATHWAY COURSES	SPECIFIC PATHWAY COURSES	SPECIFIC PATHWAY COURSES
Business Law	Business Math	CIW Internet Bus Assoc	Pre-Apprentice II	Auto Tech I (2 credits)
CDF internship	Chemistry	Digital Media I	Chemistry	Auto Tech II (2 credits)
CTIF Core (Pre-Apprentice I)	Chem II	TV Production I	Env science	Digital Media I
Customer Service	CIW Internet Bus Assoc	TV Production II	Geometry	Intro Engr Design
EMR	Desktop pub		Intro to Engr Design	
Financial Literacy	Digital Media I		Physics	
Foreign language I & II	Env science			
General Tech Ed	Nut&Food/Adv Nut			
IBCA	ProStart I			
General Tech Ed	ProStart II			
IBCA	Publications I			
Prin of Business	Publications II			
Quest for Success				
ROTC III, IV				
Speech II				
STAR				
	Must have 9 pathway credits & certification to graduate	Must have 9 pathway credits & certification to graduate	Must have 9 pathway credits & certification to graduate	Must have 9 pathway credits & certification to graduate

CAREER SPECIALTIES/INTERNSHIP

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 courses available for career specialties and/or preparation for internship.

Career Cluster # & Name		Career Areas
02	Architecture and Construction	Architecture /Carpentry and Construction/Drafting
03	Arts, A/V Technology, & Communications	Graphic Arts
		Journalism
		Performing Arts (music /theatre /dance)
		Mass Communications/Entertainment TV Production
04	Business & Administration	Administrative Support
05	Education and Training	Advanced Studies
		Education
06	Finance	Banking and Finance
07	Government and Public Administration	JROTC
08	Health Science	Health Care Professionals/ Emergency Health Care/ Nursing / Nutrition & Food (Dietician)
09	Hospitality and Tourism	Culinary
10	Human Services	Social Services
11	Information Technology	Information Systems
12	Law, Public Safety, Corrections, & Security	Legal Services
14	Marketing, Sales and Service	Entrepreneurship
15	Science, Technology, Engineering, & Math	Engineering
16	Transportation, Distribution,& Logistics	Automotive Technology

SUGGESTED ELECTIVES FOR CAREER SPECIALITIES/INTERNSHIP

Cluster 02 – Architecture and Construction – Architecture	
Suggested Courses	Suggested Scheduling
Basic Technical Drafting I* CMAD Drafting* General Technology Ed Internship One *course required for completion	9 th Grade – Gen Tech Ed
	10 th Grade – Basic Tech Drafting I
	11 th Grade – CMAD Drafting II
	12 th Grade – Architectural Drafting Internship
Cluster 2 – Architecture and Construction – Carpentry and Construction	
Suggested Courses	Suggested Scheduling
Basic Technical Drafting I* CMAD Drafting* Architectural Drafting* Engineering Design & Development Internship One * course required for completion	9 th Grade – General Tech Ed
	10 th Grade – CITF Pre-Apprentice I
	11 th Grade – CITF Pre-Apprentice II
	12 th Grade – Basic Tech Drafting/Internship
Cluster 02 – Architecture and Construction – Drafting	
Suggested Courses	Suggested Scheduling
Basic Technical Drafting I* CMAD Drafting* Architectural Drafting* Engineering Design & Development Principles of Engineering Design Internship One *course Required for completion	9 th Grade – General Tech Ed
	10 th Grade – Basic Tech Drafting I
	11 th Grade – CMAD Drafting
	12 th Grade – Architectural Drafting/Internship

SUGGESTED ELECTIVES FOR CAREER SPECIALITIES/INTERNSHIP

Cluster 03 – Arts, A/V Technology, & Communications – Graphic Arts

Suggested Courses	Suggested Scheduling
Art I* or Talented Art 1* Art II* or Talented Art II* Art III* or Talented Art III* Art IV* or Talented Art IV* Career & Technical Internship One *course required for completion	9 th Grade – Art I* or Talented Art I*
	10 th Grade – Art II* or Talented Art II*
	11 th Grade – Graphic Arts I or Talented Art III*
	12 th Grade – Talented Art IV*/Internship

Cluster 03 – Arts, A/V Technology, & Communications - Journalism

Suggested Courses	Suggested Scheduling
Publication I, II (Yearbook/Newspaper)* Speech I Speech II Art IV Internship One *course required for completion	9 th Grade – None
	10 th Grade – Publications I* or Yearbook
	11 th Grade Publications I or II*
	12 th Grade – Internship

Cluster 03 – Arts, A/V Technology, & Communications – Mass Communication

Suggested Courses	Suggested Scheduling
Publication I(Newspaper/Yearbook) Speech I, II* TV Production I, II Broadcasting I, II, III, IV Internship One *course required for completion	9 th Grade - None
	10 th Grade – TV Production I or Speech I
	11 th Grade – TV Production II or Speech II
	12 th Grade – Broadcasting III/Internship

SUGGESTED ELECTIVES FOR CAREER SPECIALITIES/INTERNSHIP

Cluster 03 – Arts, A/V Technology, & Communications – Performing Arts	
Suggested Courses	Suggested Scheduling
Beg/Intermediate/Adv Band* Beg/Intermediate/Adv Choir* Piano* Talented Theater I, II, III, IV* Talented Music I, II, III, IV* Jazz/Wind/Small Vocal Ensemble* Speech I, II Internship One * course required for completion	9 th Grade – Performing Art I*
	10 th Grade – Performing Art II*
	11 th Grade – Performing Art III*
	12 th Grade – Performing Art IV*
Cluster 03 – Arts, A/V Technology, & Communications – Entertainment Production	
Suggested Courses	Suggested Scheduling
Speech I, II TV Production I* Talented Theater I* Internship One * course required for completion	9 th Grade – None
	10 th Grade – TV Production I
	11 th Grade – TV Production II
	12 th Grade – Broadcasting III/IV*/Internship
Cluster 04 – Business, Management, & Administration-Business Administration	
Suggested Courses	Suggested Scheduling
CIW Internet Business Associate IBCA Speech I, II Principles of Business* Internship One * course required for completion	9 th Grade – IBCA
	10 th Grade – Principles of Business
	11 th Grade – CIW Internet Business Associate
	12 th Grade - Internship

SUGGESTED ELECTIVES FOR CAREER SPECIALITIES/INTERNSHIP

Cluster 05 – Education & Training – TOPS University Diploma	
TOPS University Diploma	
Cluster 05 – Education & Training – Education	
Suggested Courses	Suggested Scheduling
Psychology Sociology STAR I , Speech I, II Internship One * Course required for completion	9 th Grade - None
	10 th Grade –
	11 th Grade – STAR I*
	12 th Grade - Internship
Cluster 07- Government and Public Administration – JROTC	
Suggested Courses	Suggested Scheduling
Jr. ROTC I* Jr. ROTC II* Jr. ROTC III* Jr. ROTC IV* Law Studies World Geography Internship One * Course required for completion	9 th Grade – Jr. ROTC I
	10 th Grade – Jr. ROTC II
	11 th Grade – Jr. ROTC III
	12 th Grade – Jr. ROTC IV/Law Studies/Internship

SUGGESTED ELECTIVES FOR CAREER SPECIALITIES/INTERNSHIP

Cluster 08 – Health Sciences- Health Care Professionals	
Suggested Courses	Suggested Scheduling
Health Science I*/II First Responder Biology II Chemistry II EMT-Basic Nurse Assistant Medical Terminology* Internship One *course required for completion	9th Grade- None
	10th Grade- Health Science I*
	11th Grade- First Responder
	12th Grade- Internship
Cluster 08 – Health Sciences- Emergency Health Care	
Suggested Courses	Suggested Scheduling
First Responder * EMT-Basic * Health Science I Psychology Nurse Assistant Internship One *course required for completion	9th Grade-None
	10th Grade-Health Science I*
	11th Grade-First Responder
	12th Grade-EMT
Cluster 08 – Health Sciences- Nursing	
Suggested Courses	Suggested Scheduling
CNA Nurse Assistant*/EKG Phlebotomy* Biology II Chemistry I EMT Basic First Responder Health Science I Internship One *course required for completion	10 th Grade- Food & Nutrition/Adv. Food & Nutrition
	11th Grade-Chemistry I
	12 th Grade-Internship
	12th Grade-CNA

SUGGESTED ELECTIVES FOR CAREER SPECIALITIES/INTERNSHIP

Cluster 08 – Health Sciences- Food and Nutrition (Dietician)	
Suggested Courses	Suggested Scheduling
Food & Nutrition* Adv Food & Nutrition* Chemistry I Family & Consumer Science Internship One *course required for completion	9th Grade- Family & Consumer Science
	10th Grade- Food & Nutrition/Adv. Food & Nutrition
	11th Grade-Chemistry I
	12th Grade-Internship
Cluster 09 Hospitality and Tourism- Culinary Arts	
Suggested Courses	Suggested Scheduling
Food and Nutrition Advanced Food and Nutrition Pro Start I * Internship One *course required for completion	9th Grade-None
	10th Grade- Food & Nutrition/Adv. Food & Nutrition
	11th Grade- ProStart I*
	12th Grade- /Internship
Cluster 10 – Human Services-Social Services	
Suggested Courses	Suggested Scheduling
Psychology Sociology * Speech I, II Internship One *course required for completion	9th Grade- Speech I
	10th Grade-
	11th Grade- Sociology*
	12th Grade- Internship
Cluster 12 – Law, Public Safety, Corrections, and Security – Legal Services	

Suggested Courses	Suggested Scheduling
American Government AP CIW Internet Business Associate * Law Studies * Speech I, II Psychology Sociology Internship One *course required for completion	9th Grade –None
	10th Grade – Psychology or Sociology
	11th Grade – Law Studies*or CIW Internet Business Associate*
	12th Grade – Internship
Cluster 14 – Marketing, Sales, and Service – Entrepreneurship	
Suggested Courses	Suggested Scheduling
Financial Literacy CIW Internet Business Associate IBCA Principles of Business* Internship One *course required for completion	9th Grade –IBCA*
	10th Grade – Principles of Business*
	11th Grade – CIW Internet Business Associate
	12th Grade – Internship
Cluster 15 – Science, Technology, Engineering, and Mathematics – Engineering	
Suggested Courses	Suggested Scheduling
Basic Technical Drafting Architectural Drafting Advanced Technical Drafting Pre-Calculus/Calculus Engineering Design & Development* Principles of Design & Development * Biology II * Chemistry II * Physics * Internship One *course required for completion	9th Grade – Basic Technical Drafting
	10th Grade – Engineering Design & Development*
	11th Grade – Principles of Design & Development*
	12th Grade – Internship

Cluster 16 – Transportation, Distribution, and Logistics – Automotive Technology

Suggested Courses	Suggested Scheduling
Auto Tech. I, II* Outdoor Power Equipment Technician General Technology Ed Entrepreneurship Internship One *course required for completion	9th Grade – General Technology Ed
	10th Grade – Outdoor Power Equipment Technician
	11th Grade – Auto Tech I*
	12th Grade – Internship

TRIAL SCHEDULE

Print Name _____ Grade Next Year _____

	SEMESTER 1		Course Level	SEMESTER 2		Course Level
	Course Name	Teacher Initials	(Gifted, AP, Honors, OL, R)	Course Name	Teacher Initials	(Gifted, AP, Honors, OL, R)
1	English			English		
2	Mathematics			Mathematics		
3	Science			Science		
4	Social Studies			Social Studies		
5						
6						
7						

Alternates

1st Choice _____

2nd Choice _____

3rd Choice _____

*Please secure signatures indicating correct placement in English, Mathematics, Science, and Social Studies.
Signatures are also required in classes requiring special permission to enroll.*

Individual Graduation Plan

Name: _____ Homeroom Teacher: _____
 Grade: _____ School: Mandeville High 9th Grade Entry Date: 2015-2016; 2016-2017; 2017-18; 2018-2019 (circle one)

EDUCATION GOALS	
Diploma Type	<input type="radio"/> Tops University (4 year college) or <input type="radio"/> TOPS TECH (2 year Technical or Community College)
Post-Secondary Plans	<input type="radio"/> Technical College <input type="radio"/> Community College <input type="radio"/> 4 Year College or University (choose one)
Potential TOPS Scholarship	<input type="radio"/> TOPS Honors <input type="radio"/> TOPS Performance <input type="radio"/> TOPS Opportunity <input type="radio"/> TOPS Tech <input type="radio"/> <input type="radio"/>

CAREER GOALS	
Career Specialty for TOPS University or Internship	(pages 47- 55 in course guide)
TOPS TECH Career Graduation Pathway:	(pages 37-46 in course guide)
Post-High School Work Force Plans	<input type="radio"/> On-the-Job Training <input type="radio"/> Military <input type="radio"/> Employment

COURSE SELECTIONS FOR YOUR CHOSEN PATHWAY								
Subjects	6th-8th/T9	9th Grade	10th Grade	11th Grade	12th Grade	Graduation Tracker		
						Earned	Enrolled	MustComplete
English		English I	English II	English III or Bus English	English IV			
Mathematics		Alg I or Geometry	Geometry or Alg II	Alg II or Math Ess or Pre-Calc	Alg III or Pre-Calc or Prob Stat			
Science		Phy Sc or Biology	Biol. or Chemistry	Chemistry or Physics	Physics Biol/Chem II Env Sci			
Social Science		World Geog	Civics or Government	US History	Wld History or Eur Hist			
Health			Health					
Physical Education		PE I or JROTC I	PE II or JROTC II					
Foreign Languages								
Arts								
Electives/CTE								
Electives								
Credit Totals								

ASSESSMENTS								
Academic						Personal		
College and Career Readiness Testing					ACT- 11th	ACT-12th	Instrument ASVAB for Military	Scores
					PSAT	SAT		
					Work Keys	Work Keys		
					U.S. History LEAP2025			
End-of-Course/ LEAP 2025 Tests	Alg I or Geom LEAP 2025		English II LEAP2025					
	Biology LEAP 2025		Geometry LEAP2025					
			Biology LEAP2025					

Gifted & Talented Courses		AP & IB Courses		CLEP Exams		Articulated Credit/Dual Enrollment Courses			
Course	Credit	Course	Score	Course	Credit	Course	Credit	Course	Credit

SIGNATURE APPROVAL											
	8th/T9	Date	9th	Date	10th	Date	11th	Date	12th	Date	
Student											
Parent											