

# MANDEVILLE HIGH SCHOOL

## 2025-2026 COURSE DESCRIPTION GUIDE



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<https://mandevillehigh.stpsb.org/our-school/academics>

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## **INTRODUCTION**

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

## **COUNSELORS**

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

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

## **LEAP 2025 ASSESSMENT**

The Louisiana Department of Education has initiated a LEAP 2025 assessment program to support consistent and rigorous standards in key high school courses. Beginning in 2017-2018, Louisiana transitioned to LEAP 2025 to replace the former EOC. Students who entered 9<sup>th</sup> 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**

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

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

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

## Notificación Pública

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

La coordinadora de las services de 504 es Candice Dozier, 321 N Theard Street Covington, La. 70433; teléfono (985) 898- 3309; correo electrónico 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 Mary Hart, 321 N Theard Street Covington, La. 70433; điện thoại (985) 892-2276; email Mary.Hart@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 subscores.

### LOUISIANA TOPS TECH CAREER CURRICULUM

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

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

## LOCAL REQUIREMENTS FOR GRADUATION

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

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

## INDIVIDUAL GRADUATION PLAN REQUIREMENTS

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

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

## LOUISIANA'S TAYLOR OPPORTUNITY PROGRAM FOR STUDENTS (TOPS)

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

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

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

## LOUISIANA PUBLIC UNIVERSITY ADMISSIONS

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

## WEIGHTED COURSES

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

## COMPLIANCE NOTICE

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

## SIDE-BY-SIDE COMPARISON OF GRADUATION REQUIREMENTS FOR GRADUATING CLASS OF 2026

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

## SIDE-BY-SIDE COMPARISON OF GRADUATION REQUIREMENTS FOR GRADUATING CLASSES OF 2029 AND BEYOND

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

## LOUISIANA TOPS UNIVERSITY SCHOLARSHIP REQUIREMENTS

Curriculum represents minimum graduation requirements for the class of 2026. It may not be the same as the core curriculum requirements for college admissions.

<b>TOPS UNIVERSITY SCHOLARSHIP REQUIREMENTS FOR GRADUATES OF 2026</b>		
<b>CREDITS EARNED</b>	<b>COURSES</b>	<b>CREDITS NEEDED</b>
	<b>ENGLISH</b>	<b>4</b>
	English I	1
	English II	1
	English III	1
	English IV	1
	<b>MATH</b>	<b>4</b>
	Algebra I	1
	Geometry	1
	Algebra II	1
	Advanced Math Functions, Algebra III, College Algebra, Trigonometry, Calculus, or Probability & Statistics	1
	<b>SCIENCE</b>	<b>4</b>
	Biology I	1
	Chemistry I	1
	Physical Science or Principles of Engineering Design, Environmental Science, Biology II, Chemistry II, or Physics	2
	<b>SOCIAL STUDIES</b>	<b>4</b>
	Government	1
	U.S. History	1
	World History, AP European History, World Geography, or AP Psychology	2
	<b>Fine Arts</b>	<b>1</b>
	Fine Arts Survey or substitute 1 unit of performance courses in music, dance, or theater; or 1 unit of studio or visual art, or 1 unit of Basic Tech Drafting	1
	<b>FOREIGN LANGUAGE</b>	<b>2</b>
	Foreign Language I	1
	Foreign Language II (2 units of the same language)	1
	<b>TOTAL CREDITS</b>	<b>19</b>

\*TOPS requirements should be checked for annual changes.

## LOUISIANA *TOPS TECH* SCHOLARSHIP REQUIREMENTS

Represents minimum graduation requirements for the class of 2026.

<b>TOPS TECH SCHOLARSHIP REQUIREMENTS FOR 2 YEAR TECHNICAL OR COMMUNITY COLLEGES FOR GRADUATES OF 2026</b>		
<b>CREDITS EARNED</b>	<b>COURSES</b>	<b>CREDITS NEEDED</b>
	<b>ENGLISH</b>	<b>4</b>
	English I	1
	English II	1
	English III, English IV, Technical Writing, or Business English	2
	<b>MATH</b>	<b>4</b>
	Algebra I	1
	Geometry, Financial Literacy, Business Math, Math Essentials, Algebra II, Advanced Math Functions, Algebra III, College Algebra, Trigonometry, Calculus, or Probability and Statistics	3
	<b>SCIENCE</b>	<b>2</b>
	Biology I	1
	Environmental Science, Physical Science, or Chemistry	1
	<b>SOCIAL STUDIES</b>	<b>2</b>
	U.S. History	1
	Government	1
	<b>TOPS TECH PATHWAY COURSES</b>	<b>9</b>
	Remaining courses must be selected from one of the TOPS Tech career pathways with a pathway certification(s).	9
	<b>TOTAL CREDITS</b>	<b>21</b>

# MANDEVILLE HIGH SCHOOL COURSE OFFERINGS

## ENGLISH

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

## SOCIAL STUDIES

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

## MATHEMATICS

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

## ALLIED HEALTH

Emergency Medical Responder  
Emergency Medical Technician (DE)\*  
Medical Assistant (DE)  
Pre-Practical Nursing (DE)\*  
Medical Terminology (DE)

## BUSINESS EDUCATION &

COMPUTER TECHNOLOGY  
Intro to Bus Computer Applications  
Fundamentals of Software Dev. Level 1  
Advanced Javascript Level 2  
Certified Internet Web Professional

## COMMUNICATION

Speech I  
Speech II  
Yearbook I\*  
Yearbook II  
Yearbook III  
Yearbook IV\*  
Digital Media I  
Digital Media II  
Digital Media III  
Digital Media IV

## SCIENCE

Physical Science  
Physical Science\* (H)  
Biology  
Biology\* (H)  
Biology (G)  
Biology II \*(DE)  
Biology II\* (AP)  
Environmental Science  
Environmental Science (AP)  
Chemistry  
Chemistry\* (H)  
Chemistry (DE)  
Chemistry (G)  
Chemistry II (AP)  
Physics  
Physics (Dual Enrollment)  
Astronomy  
Forensic Science  
Introduction to Engineering Design  
Principles of Engineering

## CAREER TRANSITION

J.A.G.  
Quest for Success

## FAMILY & CONSUMER

### SCIENCES/PRO START

Family and Consumer Science  
Child Development  
Clothing & Textiles Occupations  
Nutrition and Food  
Baking and Pastry  
ProStart

## EDUCATION AND TRAINING

STAR I (DE)  
STAR II (DE)

## FINE ARTS

Art I  
Art II  
Digital Graphics  
Multimedia Productions  
Fine Arts Survey

**MUSIC AND PERFORMING ARTS**

Beginning Band  
 Intermediate Band  
 Advanced Band  
 Jazz Ensemble\*  
 Sectional Rehearsal  
 Wind Ensemble  
 Beginning Choir  
 Small Vocal Ensemble\*  
 Advanced Chorus\*  
 Music Theory  
 Applied Music (Color Guard)\*

**FOREIGN LANGUAGE**

French I  
 French II  
 French II (DE)  
 French III  
 French III (DE)  
 French IV  
 French IV (DE)  
 Spanish I  
 Spanish II  
 Spanish II (DE)  
 Spanish III  
 Spanish III (DE)  
 Spanish IV  
 Spanish IV (DE)

**STANDARDIZED TEST****PREPARATION**

ACT Preparation

**SENIOR INTERNSHIP**

Internship\*

**PHYSICAL EDUCATION**

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

**INDUSTRIAL TECHNOLOGY****EDUCATION**

Basic Tech Drafting I  
 Advanced Technical Drafting  
 Automotive Tech I\*  
 Pre-Apprentice I (Carpentry)  
 Pre-Apprentice II (Carpentry)  
 Welding  
 HVAC

**TALENTED CLASSES**

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

**MCJROTC**

JROTC I  
 JROTC II  
 JROTC III  
 JROTC IV

**LEADERSHIP**

Developmental Leadership Skills\*

**SPECIAL EDUCATION**

*These course numbers are used to place special education students in a classroom setting with direct, special education support services.*

Algebra I Resource  
 Geometry Resource  
 Business Math Resource  
 Financial Literacy Resource  
 English I Resource  
 English II Resource  
 English III Resource  
 Business English Resource  
 Biology Resource\$  
 Government Resource  
 U.S. History Resource  
 Study Skills I/II/III/IV

**NO CREDIT COURSES****SHORT DAY**

1st Period  
 4th Period

**\*REQUIRES TEACHER  
 APPROVAL**

# MANDEVILLE HIGH SCHOOL COURSE DESCRIPTIONS

## ENGLISH

### ENGLISH I

Grade 9

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

### ENGLISH I (HONORS)

Grade 9

Prerequisite: **Advanced or Mastery score on the LEAP 2025 ELA test**

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

### 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)

**FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM**

Grade 9

Special Education classes require a current IEP identifying the student as meeting special education criteria. Any student in this course will follow the TOPS TECH DIPLOMA curriculum. **All students will take a LEAP 2025 test in this subject.**

### ENGLISH II

Grade 10

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

### 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)

**FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM**

Grade 10

Special Education classes require a current IEP identifying the student as meeting special education criteria. Any student in this course will follow the TOPS TECH DIPLOMA curriculum. **All students will take a LEAP 2025 test in this subject.**

### ENGLISH III

Grade 11

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

### ENGLISH III COMPOSITION I (DUAL ENROLLMENT)

Grade 11

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

*This course requires students to be dual enrolled through SLU. At this time, a minimum GPA of 2.75 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 III Composition I DE focuses on instruction and practice in the basic principles of expository writing: the paragraph and the whole composition, the methods of development, the thesis, the outline and organization, the structure and style. Instruction in functional grammar, sentence structure, diction and spelling, punctuation and mechanics, in direct relation to the student's writing. The course will also be a survey of American literature focusing on historical background, biography, and literary analysis. Students will review sentence structure and usage through essay writing. Novel study will be based on state and parish curriculum along with teacher recommended selections. Some reading selections will be dictated by Southeastern Louisiana University for study and analysis and will require analysis/argument essays. Various group and individual assignments will require research and presentation.

### **ENGLISH III (AP)**

Grade 11

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

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

### **ENGLISH III RESOURCE**

**FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM**

Grade 11

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

### **BUSINESS ENGLISH**

**FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM**

Grade 12

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

Students will enhance written and verbal communication skills that are essential to success in

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

### **ENGLISH IV**

Grade 12

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

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

### **ENGLISH IV COMPOSITION I (DUAL ENROLLMENT)**

Grade 12

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

*This course requires students to be dual enrolled through SLU. At this time, a minimum GPA of 2.75 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 Composition I DE focuses on instruction and practice in the basic principles of expository writing: the paragraph and the whole composition, the methods of development, the thesis, the outline and organization, the structure and style. Instruction in functional grammar, sentence structure, diction and spelling, punctuation and mechanics, in direct relation to the student's writing. The course will also be a survey of American literature focusing on historical background, biography, and literary analysis. Students will review sentence structure and usage through essay writing. Novel study will be based on state and parish curriculum along with teacher recommended selections. Some reading selections will be dictated by Southeastern Louisiana University for study and analysis and will require analysis/argument essays. Various group and individual assignments will require research and presentation.

### **ENGLISH IV COMPOSITION II (DUAL ENROLLMENT)**

Grade 12

Prerequisite: **Credit ENGLISH 1010 or an English ACT score of 29 or higher.**

*This course requires students to be dual enrolled through SLU. At this time, a minimum GPA of 2.75 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 Composition II DE focuses on the development of skills in reading critically, analyzing models of good writing, and writing in response to a variety of texts, including imaginative literature. Writing the argumentative essay, the critical essay, the research paper, and the essay examination. The course will also be a survey of British and world literature in translation. Students will read and analyze literature and write a variety of compositions including exposition and literary analysis. They will improve their use of research, technology, and presentation skills. Novel study will be based on state and local curriculum as well as teacher recommended selections. Some reading selections will be dictated by Southeastern Louisiana University for study and analysis and will require analysis/argument essays.

#### **ENGLISH IV (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.

#### **INDEPENDENT RESEARCH (GIFTED)**

Grades 11-12

*Gifted classes require a current IEP identifying the student as “gifted”.* Students will explore their passions and develop advanced research skills. Throughout the course, they will be immersed in the research process from inception to completion of a self selected project for which they will gather, evaluate, document, and synthesize sources including scholarly articles from academic journals, data and information from credible sites and publications, authentic data through

self-designed methods, anecdotal evidence, and other mediums such as interviews. Finally, they will present their findings through various mediums that may include but are not limited to short films, works of art, speeches or performances, fictional or nonfictional creative writing, and video series. This course will enhance and encourage the development of critical and creative thinking skills, self-directed learning, and problem solving as well as prepare students for the rigor of college and career through organizational methods, accountability checks, and seminar discussions

#### **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.

#### **ADVANCED COMPOSITION**

Grade 12

Advanced Composition is designed to assist students with college applications and scholarship essays. We will learn what constitutes a well-written essay and read a variety of essay writers. There is time built into each class period for students to work on college application material and receive help if desired. Students will complete an essay for submission every two weeks.

#### **MYTHOLOGY**

Grades 11 & 12

This course is recommended for college-bound students. This course emphasizes the importance of myth in the development of literature. The students will study important figures in Greek and Roman myths; they will also be acquainted with the Norse myths and the Arthurian legend. The study of the influence of the gods on the classical peoples will serve as a focal point for the course.

#### **FILM IN U.S.**

Grades 11-12

This course will cover the techniques and elements of filmmaking. Emphasis will be placed on narrative structure, including plot, characterization, setting, conflicts, and thematic development.

# MATHEMATICS

## ALGEBRA I

Grade 9

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

## 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)

FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM

Grade 9

A current IEP identifying the student as meeting Special Education criteria is required. Any student in this course will follow the TOPS TECH DIPLOMA curriculum. **All students will take a LEAP 2025 test in this subject.**

## GEOMETRY

Grade 10

Prerequisite: **Algebra I**

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

## GEOMETRY (HONORS)

Grades 9 & 10

Prerequisite: **Alg I Honors or Gifted or Advanced or Mastery on LEAP 2025 math test; recommended that students have earned an A or B In Alg I Honors or Gifted**

This course covers all topics discussed in On Level Geometry, but more emphasis is placed on applications. Additional topics covered include trigonometry, polygons, similar triangles, and probability. Appropriate use of scientific and graphing calculators and manipulative and application software will be an integral part of the instruction and assessments. Emphasis is placed on independent modeling, practice, discovery, and problem-solving assignments and projects. Students will be expected to demonstrate transferring of geometric concepts to new and different situations. **All students will take a LEAP 2025 test in this subject.**

## GEOMETRY (GIFTED)

Grade 10

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

## 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

Grade 11

Prerequisite: **On level or higher Algebra I and Geometry**

This course includes working with properties of real numbers, sets and set notation, equations and inequalities, graphing systems of equations, relations and functions, rational expressions, radicals and quadratic functions, complex numbers and quadratic equations, conic sections and exponential and logarithmic functions. A graphing calculator is strongly recommended for this course.

## ALGEBRA II (HONORS)

Grade 11

Prerequisite: **Alg I and/or enrollment in Geometry Honors; recommended that students have earned an A or B in Geom and Alg I Honors or Gifted**

This course covers all topics presented in Algebra II On Level but in greater depth. More emphasis is placed on theory, derivation, and real world applications. A graphing calculator is strongly recommended for this course.

## ALGEBRA II (GIFTED)

Grade 11

Prerequisite: **Alg I Honors or Gifted and/or enrollment in Geometry Honors or Gifted**

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

### **ADVANCED MATH- FUNCTIONS**

Grades 11-12

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

### **ALGEBRA III**

Grades 11-12

Prerequisite: **Algebra I, Geometry, and Algebra II**

Students will solidify topics learned in Algebra II, while focusing on work with many types of functions such as polynomial, rational, radical, exponential, and logarithmic. Modeling real-life problems and fitting data to those models will be an integral component of this course. This course will give students the work needed in preparation for College Algebra.

### **PRE-CALCULUS (GIFTED)**

Grade 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.

### **COLLEGE ALGEBRA (DUAL ENROLLMENT)**

Grades 11-12

Prerequisite: **Algebra I, Geometry, and Algebra II**

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

Students will pursue 3 hours of college credit. Students will solidify topics learned in Algebra II while focusing on work with many types of functions such as polynomial, rational, radical, exponential, and logarithmic. Modeling real-life problems and fitting data to those models will be an integral component of this course.

### **TRIGONOMETRY (DUAL ENROLLMENT)**

Grades 11-12

Prerequisite: **Credit in College Algebra (DE)**

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

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

### **PROBABILITY AND STATISTICS (DUAL ENROLLMENT)**

Grade 12

Prerequisite: **Algebra III (DE) or Pre-Calc (DE) or Math ACT score of 28 or higher.**

*This course requires students to be dual enrolled through SLU. At this time, a minimum GPA of 2.75 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.*

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

### **CALCULUS (DUAL ENROLLMENT)**

Grade 12

Prerequisite: **Credit in Pre-Calc (DE) or Math ACT score of 28 or higher.**

*This course requires students to be dual enrolled through SLU. At this time, a minimum GPA of 2.75 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.*

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

### **CALCULUS (AP)**

Grade 12

Prerequisite: **A “B” or better in Pre-Calculus Gifted or Honors**  
This course is a study of the concepts of differential and integral calculus. It is designed for self-motivated,

self-disciplined students who are interested in taking the advanced placement test for college credit. It will involve intense preparation for both multiple choice and free response sections of the Advanced Placement test. A graphing calculator (preferably TI-84 or TI Nspire) is required for this course.

### **FINANCIAL LITERACY**

FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA

CURRICULUM

Grade 11

Prerequisite: **Algebra I and Geometry**

This course focuses on personal finance. Students will explore important life skills through

mathematical applications. Topics address decision making and personal responsibilities such as understanding paychecks and income, budgeting, banking, credit, loans, buying a house, buying a car, insurance, and investments.

### **BUSINESS MATH**

FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA

CURRICULUM

Grade 12

Prerequisite: **Algebra I, Geometry, and Financial Literacy**

This course focuses on mathematics in business situations. Students will explore how businesses function through mathematical applications. Topics include all facets of managing a business, such as personnel, production, purchasing, sales, marketing, storage, distribution, services, accounting, and planning.

## **SCIENCE**

### **PHYSICAL SCIENCE**

Grade 9

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

### **PHYSICAL SCIENCE (HONORS)**

Grade 9

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

This course is designed to prepare students for high school chemistry and physics. It includes an in-depth

study of the basic concepts, principles, laws, and theories of chemistry, such as matter, atomic theories, the structure of atoms and compounds, ionic and covalent compounds, and balancing equations and reactions. In the physics section, focus is made on the laws of motion, forces, energy, waves, sound, and light. Some labs will be done, along with teacher demonstrations. Math is involved in this course.

### **BIOLOGY**

Grade 10

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

### **BIOLOGY (HONORS)**

Grades 9 & 10

Prerequisite: **Advanced or Mastery on LEAP 2025 science test and/or 1 credit in Physical Science Honors or Gifted**

A generalized study of living things. The course includes a study of cells, cellular chemistry, plant and animal structure and function, as well as studies of genetics and human systems. The course is based on anchor phenomena and includes dissection of various organisms. The pace of this course will be faster than other Biology classes. **All students will take a LEAP 2025 test in this subject.**

### **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)**

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.**

### **BIOLOGY II (DUAL ENROLLMENT)**

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

### **ENVIRONMENTAL SCIENCE (AP)**

Grades 10-12

Prerequisite: Credit in Biology I (with an A in on-level Biology or an A or B in Honors or Gifted). Students should also have completed Algebra I, which provides the math skills needed for analysis of laboratory data.

RECOMMENDED PREREQUISITES: Credit in Physical Science and/or Chemistry is helpful but not required.

The AP Environmental Science course is designed to be the equivalent of an introductory college course in environmental science. In the course, students will study the scientific principles, concepts, and methodologies needed to understand the interrelationships between organisms and resources within the natural world. Students can receive college credit for the course if they choose to take the AP Environmental Science Exam in May and receive a score of 3, 4, or 5. In AP Environmental Science (APES), students will identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. AP Environmental Science is an interdisciplinary course, meaning that it examines topics from many diverse subjects, including geology, biology, ecology, chemistry, and geography. The course illustrates how these diverse disciplines work together to affect the natural world. At least 25% of the course will be devoted to laboratory experimentation and field observations.

### **ENVIRONMENTAL SCIENCE**

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 course will provide students with the

scientific background they need to analyze many of the issues concerning our environment for themselves. Students will improve their awareness of environmental problems we are facing now and will be facing in the future.

### **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 on-level Chemistry, but more in-depth and at an accelerated rate.

### **CHEMISTRY (DUAL ENROLLMENT)**

Grade 11

Teacher approval required.

Prerequisite: A 'B' or better in Algebra I and Biology.

To be scheduled concurrently with Algebra II.

Dual enrollment chemistry is a first-year Honors Chemistry course that will earn a Chemistry credit for high school and, at the same time, earn a 3-hour Chemistry credit from Southeastern Louisiana University. Much of the work for Southeastern will be completed online with the help of the instructor. Lectures will be given by the instructor here at Mandeville High. Labs will also be included. All work is completed here at Mandeville High with some outside study and problem solving done at home.

*Dual Enrollment credit is available for 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

Prerequisite: Enrolled in or completed Algebra II

A current IEP identifying the student as "gifted" is required.

### **CHEMISTRY II (AP)**

Grade 12

AP Chemistry II is a second-year Chemistry course offered to students with a high aptitude in mathematics

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

### **PHYSICS**

Grade 12

Prerequisite: Biology, Chemistry, Algebra I and II.

This course consists of a study of one-dimensional kinematics, vectors, forces, projectile motion, momentum, energy, electricity and magnetism, waves, sound, and light. This is a math/laboratory-based course that incorporates the application of natural laws with problem solving.

### **PHYSICS (DUAL ENROLLMENT)**

Grade 12

Prerequisite: **Must be concurrently enrolled in or have credit for Pre-Calculus (SLU Mathematics 1620), completed Algebra II with a "B" or better and completed Chemistry with a "C" or better.**

Dual enrollment physics is a first-year Physics course that will earn a student credit for high school and, at the same time, earn a 3-hour Physics 1910 credit from Southeastern Louisiana University. Much of the work for Southeastern will be completed online with the help of the instructor. Lectures will be given by the instructor here at Mandeville High and will include, but are not limited to, such topics as kinematics, dynamics, energy, momentum, electricity, and magnetism. Labs will also be included. All work is completed here at Mandeville High with some outside study and problem-solving done at home.

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

### **ASTRONOMY**

Grades 11 & 12

This is an elective course about the study of the composition and structure of the universe. Topics covered include historical astronomy, telescopes, the Sun/Earth/Moon system, the meteorological and geological aspects of Earth, the Sun and other stars, and history of space exploration. Laboratory and project-based activities, such as bottle rockets, will be included.

### **FORENSIC SCIENCE**

Grades 11 & 12

Forensic Science is a hands-on laboratory and project-based learning course that will lead the student through a foundation of law and criminal justice, history of forensics, and modern scientific advances in the field. The scientific method, data analysis, and powers of observation and critical thinking to solve a problem are addressed in all aspects of the course. This course allows students to explore

how science and inquiry can be applied to the criminal justice system. Topics include crime scene processing, collection and analysis of evidence, firearms, toxicology, fingerprint analysis, anthropology, blood (serology) and DNA analysis.

Biology is a heavy focus in Forensic Science, and it is recommended that students have taken the course prior to enrollment and have received an A or B due to its rigor and semester constraints. Before taking Forensic Science, it is important that both the student and parent/guardian are aware of the topics covered as part of this course. In this course, students will study several controversial topics, such as homicide and other heinous criminal acts, case studies of infamous crimes and serial killers, and the analysis of weapons and methods for inflicting harm.

### **INTRODUCTION TO ENGINEERING DESIGN**

Grades 9-12

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

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and computer assisted design while learning strategies for design process documentation, collaboration, and presentation. This course is part of the Project Lead the Way to the Engineering sequence. All students will take a PLTW End of Course test in this subject and the Autodesk Certified User Exam for Autodesk Inventor.

### **PRINCIPLES OF ENGINEERING**

Grades 10-12

Prerequisite: **Principles of Engineering Design or Instructor Approval**

This course is an overview of the engineering fields, with a focus on the physics involved in engineering. Students will learn about mechanisms, electronics, statics, and more in this 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. **All students will take a LEAP 2025 test in this subject.**

### GOVERNMENT (HONORS)

Grade 10

Prerequisite: **Credit in World Geography Honors or Gifted**

This course is designed to cover the foundations of the U.S. political system; development, structures, and functions of the U.S. governmental system; and State and Local government, taxation, and the American Free Enterprise System. The students are provided with the opportunity to use analytical, decision making, and discussion skills that translate into good citizenship skills. **All students will take a LEAP 2025 test in this subject.**

### GOVERNMENT (AP)

Grade 10

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

### GOVERNMENT (G)

Grade 10

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

### GOVERNMENT (RESOURCE)

FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM

Grade 10

A current IEP identifying the student as meeting Special Education criteria is required. Any student in this course will follow the TOPS TECH DIPLOMA curriculum. **All students will take a LEAP 2025 test in this subject.**

### WORLD GEOGRAPHY

Grade 9

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

### WORLD GEOGRAPHY (HONORS)

Grade 9

Prerequisite: **Advanced 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 HISTORY

Grade 12

This survey course is a chronological study of Renaissance through Modern World History. Using a multidisciplinary approach, World History is a balanced program that examines the world through a variety of perspectives. The first semester examines the Renaissance through European Imperialism. The second semester evaluates the world from WWI to modern history. The student will receive a broad overview of events around the world that helped develop today’s contemporary global society.

### WORLD HISTORY (DUAL ENROLLMENT)

Grade 12

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

*This course requires students to be dual enrolled through SLU. 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.*

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

### U.S. HISTORY

Grade 11

U.S. History is a survey course that examines U.S. History from Reconstruction to the present. Emphasis is on the development of historical concepts through basic readings and historical research.

### U.S. HISTORY (DUAL ENROLLMENT)

Grade 11

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

*This course requires students to be dual enrolled through SLU. At this time, a minimum GPA of 2.75 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.*

This college level course is designed to present important themes, ideas, and people in American History from the migration of native peoples to the present day.

### **U.S. HISTORY (AP)**

Grade 11

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

This course is an advanced-level course that examines U.S. History from the Age of Discovery to the present. This course utilizes a college text and outside projects. Students are required to master the information and to sharpen their writing skills to prepare for the Advanced Placement Exam.

### **U.S. HISTORY (RESOURCE)**

**FOR STUDENTS PURSUING THE TOPS TECH DIPLOMA CURRICULUM**

Grade 11

Special Education classes require a current IEP identifying the student as meeting special education criteria.

### **SOCIOLOGY**

Grades 10-12

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

### **PSYCHOLOGY**

Grades 10-12

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

### **PSYCHOLOGY AP**

Grades 11-12

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

### **EUROPEAN HISTORY (AP)**

Grades 11-12

Prerequisite: **Credit in U.S. History Honors or Gifted**

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

### **COMPARATIVE GOVERNMENT (AP)**

Grades 10-12

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

### **MACROECONOMICS (AP)**

Grades 11-12

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

### **CONTEMPORARY ISSUES**

Grades 10-12

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

### **PRINCIPLES OF BUSINESS**

Grades 11-12

This course provides students with the skills necessary to succeed as a small business employee and/or owner. Students will learn the steps required to start a new business, participate in hands-on simulations, understand key financial concepts, and interact with industry professionals.

### **CUSTOMER SERVICE**

Grades 10-12

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

### **LAW STUDIES**

Grades 11-12

This course covers criminal and civil law. The purpose of this course is to broaden the student's knowledge of the American legal system.

## CAREER TRANSITIONS

### QUEST FOR SUCCESS

This course is an innovative career exploration course designed to prepare Louisiana graduates for career and life success.

### J.A.G. (JOBS FOR AMERICA'S GRADUATES)

JAG is a national program designed to provide vital job skills, hands-on experience, and a year of follow-up to support the transition from graduation to employment, military service and/or post-secondary education. The course will require 17 community service hours as well as a 15 hour work-based program outside of school hours.

## ALLIED HEALTH/HEALTH SCIENCE

### EMERGENCY MEDICAL RESPONDER (EMR)

This course prepares students with the knowledge and skills necessary to provide immediate lifesaving interventions. Students who pursue certification as an Emergency Medical Responder through the Louisiana Bureau of Emergency Services, a subsidiary of the Louisiana Department of Health, are eligible to take Emergency Medical Technician the following year.

### EMERGENCY MEDICAL TECHNICIAN (EMT)

Grade 12

Prerequisite: **Emergency Medical Responder Certification**

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

EMT students must provide the following:

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

### MEDICAL ASSISTANT (DUAL ENROLLMENT)

Grade 12

Prerequisite: **Emergency Medical Responder Certification**

*This course requires students to be dual enrolled through NTCC. 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.*

This course offers a comprehensive, student-centered education designed to prepare the graduate for entry-level employment in a multitude of healthcare settings, national certification and to obtain knowledge and skills that serves as the foundation to build a successful career. Preferential seating will be given to students on the Tops Tech diploma pathway.

### MEDICAL TERMINOLOGY (DUAL ENROLLMENT)

Grades 11-12

Recommended Prerequisite: **Students should complete Physical Science and Biology with a "B" or better. Students must meet the academic DE Requirements.**

*This course requires students to be dual enrolled through NTCC. 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.*

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

### PRE-PRACTICAL NURSING

Grade 11 and 12 (2-year commitment)

By application only

Entrance Requirements: 2.0 unweighted GPA,  
PreACT/ACT Scores: Math 19, Reading 18, English 14, Guidance Counselor recommendation required  
Interview Required

*This course requires students to be dual enrolled through NTCC. At this time, a minimum GPA of 2.75 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.*

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

## **BUSINESS AND INFORMATION TECHNOLOGY**

### **INTRO TO BUSINESS COMPUTER APPLICATIONS (IBCA)**

Grades 9-12

This course is designed to provide students with basic computer application skills. Topics include basic keyboarding functions and a concentrated focus on the application and use of Microsoft Word, PowerPoint, Google Docs, and Slides.

### **FUNDAMENTALS OF JAVASCRIPT LEVEL 1**

Grades 10-12

Students learn the fundamentals of Web programming in JavaScript, HTML, and CSS through designing and competing websites, animation, and video game projects. Projects appear within a portfolio on the student's website project.

### **ADVANCED JAVASCRIPT LEVEL 2**

Grades 10-12

Prerequisite: **Fundamentals of Javascript Level 1**

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

### **CIW INTERNET BUSINESS ASSOCIATE**

Grades 9-12

Internet Business Associate prepares students to work effectively in today's business environment. In this course, students will learn about the tasks involved in various Information Technology (IT) job roles, and they will learn the foundational skills and technologies used in business.

## **COMMUNICATIONS**

### **SPEECH I**

Grades 9-12

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

### **SPEECH II**

Grades 10-12

Prerequisite: **Speech I**

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

### **YEARBOOK I**

### **YEARBOOK II**

### **YEARBOOK III**

### **YEARBOOK IV**

Grades 10-12

Teacher approval required

This class produces the Mandeville High School yearbook, the Skipper's Log. After school work and sales are required. Any student interested in working on the yearbook staff must obtain an application form. The student must schedule the course for both the fall and spring semesters.

### **TELEVISION PRODUCTION I**

### **TELEVISION PRODUCTION II**

Grades 9-12

These courses offer the student experience in all phases of studio and field production including conception, scripting, camera operation, editing, graphics, lighting and audio. Students will learn to effectively utilize Adobe Premiere Pro in all aspects of the course.

### **DIGITAL MEDIA I**

### **DIGITAL MEDIA II**

### **DIGITAL MEDIA III**

### **DIGITAL MEDIA IV**

Grades 10-12

Prerequisite: **Teacher approval required**

These courses are designed for students interested in television production. The purpose is to provide instruction and practical experience in the field of television production. Students are given hands-on opportunities in filming, editing and film production as well as opportunities to study major components of film. The emphasis of this course is on performance and production. It is preferred that students complete the course for the entire year to earn two credits.

## **FAMILY & CONSUMER SCIENCE/PROSTART**

### **FAMILY & CONSUMER SCIENCE**

Grades 9-12

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

### **NUTRITION & FOOD**

Grades 10-12

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

### **CLOTHING & TEXTILES OCCUPATIONS**

Grades 10-12

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

### **CHILD DEVELOPMENT**

Grades 10-12

Growth and development of the child, care of the child from prenatal to 3 years of age, observation techniques, child care facilities, and child development careers are covered.

### **BAKING AND PASTRY**

Grades 10-12

Prerequisite: **Credit in Nutrition and Food**

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

### **PRO START**

Grades 11-12

Prerequisite: **Credit in Nutrition and Food with Teacher approval**

This course prepares students for careers in the restaurant/food service industry. Topics covered include customer service, food and kitchen safety, foodservice equipment, nutrition, business mathematics, control of foodservice costs and career preparation and development. Advanced food preparation techniques will be taught and students will be prepared to sit for the National Restaurant Association ServSafe Food Manager and ProStart Level 1 industry-based certifications.

*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.*

## **EDUCATION AND TRAINING**

### **STAR I (INTRO TO TEACHING)**

Grades 11-12

STAR (Students Teaching and Reaching) is a course designed to attract students to the field of education, to provide information and field experiences relevant to pursuing a degree in education, and to prepare future educators for the rigors of a career in education. The goal of the course is to cultivate long-term educators. The STAR curriculum includes three major units:

1. Learning about the self
2. Examining the practices used by educators.
3. Reviewing education history and foundations

The class is discussion based, with a focus on student participation and group work.

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

### **STAR II (INTRO TO DIVERSE LEARNERS)**

Grades 11-12

Prerequisite: **STAR I**

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

The course will also inform students of community resources and their organization. Additionally, legal aspects such as special education, inclusion classrooms, accommodations/modifications, and advocacy will be included. The class will continue to build upon the units covered in STAR I with a focus on lesson planning, behavior management, and student engagement in the classroom. The class is discussion based, with a focus on student participation and group work.

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

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

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

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

### ART II

Grades 10-12

Prerequisite: Art I

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

### DIGITAL GRAPHICS

Grades 10-12

This course allows students to express their creativity through the use of a variety of digital programs including Adobe Photoshop and Adobe Illustrator. Students will be prepared to sit for the Adobe Certified Associate industry-based certification exams in Photoshop. Illustrator.

### MULTIMEDIA PRODUCTION

Grades 10 - 12

This course allows students to express their creativity through the use of a variety of digital programs including Adobe Photoshop and Adobe Illustrator. Students will be prepared to sit for the Adobe Certified Associate industry-based certification exams in Illustrator.

### ART I, II, III, IV (TALENTED)

Grades 9 - 12

Talented classes require a current IEP identifying the student as "talented" according to state criteria.

### FINE ARTS SURVEY

Grades 9-12

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

## MUSIC AND THEATRE ARTS

### ADVANCED BAND

Grades 9-12

This course is composed 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 is 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

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

Students must be in at least the tenth grade and have knowledge of solfege, rhythm pitch and vocal techniques. Students are required to audition with the 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

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

Talented classes require a current IEP identifying the student as "talented" according to state criteria.

#### **THEATRE I (TALENTED)**

#### **THEATRE II (TALENTED)**

#### **THEATRE III (TALENTED)**

#### **THEATRE IV (TALENTED)**

Grades 9-12

Talented classes require a current IEP identifying the student as "talented" according to state criteria.

## FOREIGN LANGUAGE

### **FRENCH I**

Grades 9-11

Prerequisite: **Must be concurrently enrolled in Honors or Gifted English I**

This introductory course covers basic conversation, basic sentence structure, and the conjugation of regular and irregular verbs in the present, future, and past tenses. Speaking and listening skills are stressed throughout the course, but reading, writing, and translating are also included. The student is also introduced to the culture and peoples of the French-speaking world.

### **FRENCH II**

Grades 9-12

Prerequisite: **French I**

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

*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

Prerequisite: **French I and II**

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

Prerequisite: **French I, II and III**

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

Prerequisite: **Spanish I**

Spanish II is a continuation of listening, speaking, reading, writing, and culture with more advanced vocabulary and grammar. Focus is on the communicative aspect of language learning in a formal setting.

*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

Prerequisite: **Spanish I and II**

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.*

### **SPANISH IV**

Grades 11-12

Prerequisite: **Spanish I, II and III**

This is an upper intermediate level course with more emphasis on the use of language in culture, authentic

literature while using specific life topics, with a focus on the communicative aspects of the language, and in depth cultural experiences.

*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**

### **BASIC TECHNICAL DRAFTING**

Grades 9-12

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

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

### **ADVANCED TECHNICAL DRAFTING**

Grades 10-12

Prerequisite: **Basic Technical Drafting**

This course builds upon skills learned in Basic Technical Drafting and prepares students to sit for the AutoDesk AutoCAD industry-based certification.

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

### **AUTOMOTIVE TECHNOLOGY I (ASE)**

#### **COURSE IS TAUGHT OFF CAMPUS**

Grades 11-12

*This course requires students to be dual enrolled through NTCC. Dual Enrollment may carry a cost if the student elects to pursue it.*

Prerequisites: **Must be 16 years old**

This course offers specialized instruction and practical shop experience to prepare students with entry level skills in the servicing and maintaining of all types of automobiles. Students are prepared to sit for ASE Student Certifications in the following fields: Brake Systems, Electrical/Electronic Systems, and Suspension/Steering Systems. Preferential seating will be given to students on the TOPS Tech diploma pathway. Please see Mrs. Schulingkamp for permission to enroll. *Students are required to provide*

*his/her own transportation to/from Covington High School.*

### **PRE-APPRENTICE I (CARPENTRY)**

This course is designed to introduce students to the crafts and trade of carpentry. Units focus on careers in the field, construction mathematics, safety, and basic hand and cutting tools for cutting, shaping, fastening, and finishing. The class also provides hands-on experience for students as they complete step-by-step projects that require basic skills, including the tote box, step stool, bird house, and storage chest. Upon successful completion of the units, students will become certified in Career Connections Core industry-based certification. Preferential seating will be given to students on the Tops Tech diploma pathway.

### **PRE-APPRENTICE II (CARPENTRY)**

Prerequisite: **Career Connections Core Certification**

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

### **HVAC (HEATING, A/C, REFRIGERATION)**

Grades 11-12

*This course requires students to be dual enrolled through NTCC. Dual Enrollment may carry a cost if the student elects to pursue it.*

**Course is offered at NTCC. Transportation will be provided.**

This suite of college courses provides specialized classroom instruction and practical shop experience to prepare individuals for employment as entry-level air conditioning and refrigeration technicians. Preferential seating will be given to students on the TOPS Tech diploma pathway. Please see Mrs. Schulingkamp for permission to enroll.

### **WELDING**

Grades 11-12

*This course requires students to be dual enrolled through NTCC. Dual Enrollment may carry a cost if the student elects to pursue it.*

**Course is offered at NTCC. Transportation will be provided.**

This course is designed to introduce students to the crafts and trade of welding. Units focus on oxy fuel cutting and shielded metal arc welding. Upon successful completion of the units, students will become certified in Career Connections Core industry-based certification. Preferential seating will be given to students on the Tops Tech diploma pathway.

## LEADERSHIP

### DEVELOPING LEADERSHIP SKILLS

Grades 10-12

Teacher approval required

Students who are elected to an Executive Committee office in the Mandeville High School Student Council should schedule this first-semester course with Mr. Esker's permission.

## PHYSICAL EDUCATION

### PHYSICAL EDUCATION I (GRADE 9)

### PHYSICAL EDUCATION II GRADE 10)

These courses are designed to expose students to a variety of activities to help them in achieving and maintaining a healthy lifestyle. One full credit of PE I should be taken before a student enrolls in PE II. Units of four and one-half weeks in length will be taught during the year: conditioning and track and field; football, softball, badminton, golf, soccer, volleyball, tennis, and table tennis.

***Completion of 1.5 units of PE I and II satisfies the Physical Education requirement to receive a Louisiana High School diploma.***

### PHYSICAL EDUCATION III

### PHYSICAL EDUCATION IV

Grades 11-12

These courses are designed to expose students to a variety of activities to help them in achieving and maintaining a healthy lifestyle. Units of four and one-half weeks in length of the following activities will be taught: basketball, recreational games, softball, tennis, lacrosse, and volleyball.

***These courses DO NOT satisfy the Physical Education requirement to receive a Louisiana High School diploma.***

### CONDITIONING PE II (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 -12

This course covers the dimensions of total wellness. The physical, mental and emotional, and social dimensions

will be discussed to help guide the student to reduce health risks behavior and improve their lifestyle.

### DANCE OR CHEER TEAM

Prerequisite: Try out and selection required for team

Either of these courses satisfies one credit of P.E II.

## MARINE CORPS JROTC

### GENERAL REQUIREMENTS AND INFORMATION

There is no obligation to be involved with the military in any way after graduation. Freshmen will be encouraged to remain in the JROTC Leadership Program for two semesters. Opportunities for school community services, field trips, early leadership assignments and extracurricular activities are available. Completion of the course (3 or 4 years) makes a student eligible for advanced standing in any of the military services. Significant assistance is given to those students applying for competitive fully paid college ROTC scholarships or service academy appointments. Junior ROTC I and II may be substituted for PE I/II and Health Education to satisfy that graduation requirement. Courses may also be scheduled for elective credit.

Prerequisite: A student must be a U.S. citizen, physically able to participate in physical activity, present a satisfactory appearance, making progress toward a high school diploma, and receive a favorable recommendation from the Senior Marine Instructor or Marine Instructor to enroll in JROTC.

### MCJROTC I

### MCJROTC II

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

### MCJROTC III

MCJROTC III focuses on leadership, management, and life skills. Cadets in the class learn how to become better leaders by taking responsibility and leading peers. The course is focused on preparing students for life after graduation, while ensuring success in life now. Classroom instruction includes leadership discussions, resume writing, military lessons, physical fitness,

nutrition, finance management, conflict resolution, time management and many more life enhancing skills. Each student will compete in the final Super Squad event showing they have mastered the curriculum. Students may participate on the Drill Team, Color Guard, Marksmanship Team, Raider Team, and Physical Fitness Team during the year.

#### **MCJROTC IV**

MCJROTC IV focuses on advanced leadership, management, and life skills. Cadets in the class improve their ability to lead peers in and out of the classroom. The course is focused on preparing students for the next steps in life after graduation, by ensuring they are prepared for the “What’s Next.” Classroom instruction includes leadership discussions, advanced resume writing and college application submission, classroom instruction and briefing techniques, physical fitness, nutrition, financial management and investing, balance of competing priorities, scholarship opportunities, and many more life enhancing skills. Upon graduation, each Cadet will have created for themselves numerous opportunities to choose from as they move forward. Each student will compete in the final Super Squad event showing they have mastered the curriculum against peers. Students may participate on the Drill Team, Color Guard, Marksmanship Team, Raider Team, and Physical Fitness Team during the year.

*Completion of MCJROTC I or II not required.*

### **STANDARDIZED TEST PREPARATION**

#### **ACT PREPARATION**

Prerequisite: **Completion of or concurrent enrollment in Algebra II is a must.**

This course is designed to help students prepare for the ACT college entrance test. Students will learn test-taking strategies as well as take sample tests. Practice assignments are required on a daily basis.

### **SENIOR INTERNSHIP**

#### **INTERNSHIP I OFF-CAMPUS INTERNSHIP**

Grade 12

Please see Mrs. Schulingkamp 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 8.5 hours of work per week. The work sites are under the direction of the person engaged in the career field which the student is planning to pursue in the future. Students also have a regularly scheduled weekly class meeting via Google

*Meet. Students furnish their own transportation to the internship location.*

### **SHORT DAY**

#### **SHORT DAY**

Grade 12

Mandeville High School does not endorse early release. No one may schedule less than 3 credit courses per term. When a student becomes a graduating senior and needs fewer than eight units to graduate, he/she may be eligible for a short day. Eligibility requirements will be stated in the pupil progression plan and are subject to change. Students must have their own transportation to schedule a short day. **Short day status may negatively impact a student’s rank in class.** It is the policy of Mandeville High School to encourage students to participate in a wide range of electives once their graduation requirements are fulfilled.

### **SPECIAL EDUCATION**

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

# CAREER AND TECHNICAL EDUCATION

## TOPS TECH DIPLOMA

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

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

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

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

## TOPS TECH CAREER DIPLOMA PATHWAYS FOR JUMPSTART 2.0

### **Agriculture, Food and Natural Resources**

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

### **Architecture and Construction**

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

### **Arts, A/V Technology and Communication**

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

### **Business Management**

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

### **Health Sciences**

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

### **Hospitality and Tourism**

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

### **Information Technology**

The Information Technology Pathway prepares students for the design, development, installation, implementation, and maintenance of computer systems, software, hardware, networks, and cloud computing.

Students will work with cutting-edge technology to develop tomorrow's products for use by business and consumers.

**Law, Public Safety, Corrections and Security**

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

**Manufacturing**

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

**Transportation, Distribution and Logistics**

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

# DUAL ENROLLMENT COURSES FOR COLLEGE CREDIT

## LOUISIANA TECH UNIVERSITY (RUSTON, LA)

French II, III, IV  
Spanish II, III, IV

## SOUTHEASTERN LOUISIANA UNIVERSITY

Biology II Honors  
Calculus Honors  
Chemistry Honors  
College Algebra Honors  
Trigonometry Honors  
Probability and Statistics Honors  
English III Honors  
English IV Honors  
World History Honors  
STAR I  
STAR II  
US History Honors

## NORTHSHORE TECHNICAL COMMUNITY COLLEGE

Automotive Technology I  
Basic Technical Drafting  
Emergency Medical Technician  
HVAC  
Medical Assistant  
Medical Terminology  
Pre-Practical Nursing  
Welding

## NUNEZ COMMUNITY COLLEGE

ProStart I

# **INDUSTRY-BASED CERTIFICATIONS**

## **HEALTH SCIENCE**

Emergency Medical Technician  
Emergency Medical Responder (First Responder)  
CPR & First Aid

## **BUSINESS AND INFORMATION TECHNOLOGY**

Fundamentals of HTML Java Script Level I  
Fundamentals of HTML Java Script Level II  
CIW

## **AUTOMOTIVE TECHNOLOGY**

ASE Certification

## **FAMILY AND CONSUMER SCIENCE/PROSTART**

ServSafe Food Manager  
ServSafe Food Handler

## **ENGINEERING**

Autodesk Certified User- Inventor

## **GRAPHIC ARTS**

Adobe Photoshop  
Adobe Illustrator  
Adobe Premier Pro  
Adobe Visual Design  
Adobe Video Design

## **INDUSTRIAL ARTS**

CITF (Carpenter International Training Fund) Pre-Apprentice Core Skills  
NCCER Level 1  
NCCER Level 2  
Autodesk Certified User- AutoCAD

## **SOCIAL STUDIES**

Business of Retail

# CAREER SPECIALTIES ELECTIVE COURSES

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

## ARCHITECTURE AND CONSTRUCTION

### **ARCHITECTURE**

Basic Technical Drafting I\*  
Adv. Tech. Drafting\*  
Internship

### **CARPENTRY AND CONSTRUCTION**

Basic Technical Drafting I\*  
Adv. Tech Drafting\*  
Pre-Apprentice I\*  
Pre-Apprentice II\*  
Engineering Design & Development  
Internship

### **DRAFTING**

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

## ARTS, A/V TECHNOLOGY & COMMUNICATIONS

### **ENTERTAINMENT PRODUCTION**

Speech I, II  
TV Production I\*  
Talented Theater I\*  
Internship

### **GRAPHIC ARTS**

Art I\* or Talented Art I\*  
Art II\* or Talented Art II\*  
Art III\* or Talented Art III\*  
Art IV\* or Talented Art IV\*  
Internship

### **JOURNALISM**

Publication I, II (Yearbook)\*  
Speech I, II  
Internship

### **MASS COMMUNICATION**

Publication I, II (Yearbook)

Speech I, II\*

TV Production I, II

Multimedia Production I, II

Internship

### **PERFORMING ARTS**

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

## BUSINESS, MANAGEMENT, & ADMINISTRATION

### **BUSINESS ADMINISTRATION OR ENTREPRENEURSHIP**

IBCA

Speech I, II

Principles of Business\*

CIW Internet Business Associate\*

Internship

## EDUCATION & TRAINING

### **EDUCATION**

Psychology

Sociology

STAR I, II

Speech I, II

Internship

## GOVERNMENT & PUBLIC ADMINISTRATION

### **JROTC**

Jr. ROTC I\*

Jr. ROTC II\*

Jr. ROTC III\*

Jr. ROTC IV\*

Law Studies

World Geography  
Internship

## **HEALTH SCIENCES**

### **EMERGENCY HEALTH CARE**

First Responder\*  
EMT  
Health Science  
Psychology  
Nurse Assistant  
Internship

### **FOOD & NUTRITION**

Food & Nutrition\*  
Chemistry I  
Family & Consumer Science  
Internship

### **NURSING**

Biology II  
Pre Practical Nursing  
EMT  
First Responder  
Health Science  
Internship

## **HOSPITALITY & TOURISM**

### **CULINARY ARTS**

Food and Nutrition  
Pro Start I\*  
Internship

## **HUMAN SERVICES**

### **SOCIAL SERVICES**

Psychology

Sociology\*  
Speech I, II  
Internship

## **LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY**

### **LEGAL SERVICES**

American Government AP  
Law Studies\*  
Speech I, II  
Psychology  
Sociology  
Internship

## **SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS**

### **ENGINEERING**

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

## **TRANSPORTATION, DISTRIBUTION & LOGISTICS**

### **AUTOMOTIVE TECHNOLOGY**

Auto Tech. I, II\*  
Pre-Apprentice I  
Customer Service  
Internship

\*Course required for pathway completion

# TRIAL SCHEDULE

Print Name \_\_\_\_\_ Grade Next Year \_\_\_\_\_

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

**Alternates**

**1<sup>st</sup> Choice** \_\_\_\_\_  
**2<sup>nd</sup> Choice** \_\_\_\_\_  
**3<sup>rd</sup> Choice** \_\_\_\_\_

*Please secure teacher signatures for **Honors or DE** placement in English, Mathematics, Science, and Social Studies.  
Signatures are also required in classes requiring special permission to enroll.*