

LAKESHORE HIGH SCHOOL

2026-2027

Program of Study

Administration

[Mrs. April Jarrell](#)

Principal

[Mr. Colton Ball](#)

Assistant Principal

[Mrs. Sydney Morise](#)

Assistant Principal

[Mr. Hunter Bonvillain](#)

Assistant Administrator

School Counselors

[Mrs. Michelle Canas](#)

10th Grade (A-F) and 12th Grade

[Ms. Lindsey Hernandez](#)

10th Grade (G-M) and 11th Grade

[Mrs. Allison Hnatyshyn](#)

9th Grade and 10th Grade (N-Z)

I Titan Trace

Mandeville, LA

70448

(985) 624-5046

www.lakeshorehigh.stpsb.org

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.

**LAKESHORE HIGH SCHOOL
PROGRAM OF STUDY
TABLE OF CONTENTS**

<u>Introduction and General Information</u>	3-4
<u>Advanced Level Course Requirement Rubric</u>	4
<u>Standardized Assessments</u>	5
<u>Diploma Explanations</u>	6
<u>Graduation Opportunities</u>	6
<u>List of Career Pathways</u>	6-8
<u>TOPS Scholarship</u>	9
<u>Career and Technical Education Compliance Notice</u>	10
<u>Course Offerings List</u>	11-12
<u>Course Descriptions</u>	13-27
<u>Clubs and Organizations</u>	28
<u>Sample Individual Graduation Plan</u>	29

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.

Lakeshore High School Program of Study

OUR MISSION

The mission of Lakeshore High School is to prepare all students to become successful young adults post high school.

OUR VISION

For all Lakeshore High School students to successfully complete their graduation requirements with their cohort. We believe the work accomplished in our Professional Learning Communities is the anchor to building teacher strengths, identifying student challenges, and analyzing data to make informed decisions regarding areas of growth. Lakeshore High School faculty, staff, and administration are committed to focusing on the ability of all students to become successful adults post high school.

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 VI 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 a Supervisor of Administration at 985-892-2276, St. Tammany Parish School Board.

INTRODUCTION

The purpose of this guide is to help you and your parents make better decisions about your course selections for the coming year. It is essential that you think seriously about a particular subject before scheduling. Each class that you choose should be a part of an overall plan. Read this guide carefully, pay close attention during the scheduling meeting, and encourage your parents to attend the parent meeting.

INDIVIDUAL GRADUATION PLAN (IGP)

The Louisiana Department of Education requires every student to develop, with the input of his/her parent/guardian, an IGP by the end of the eighth grade. The purposes of the IGP document are as follows: (1) explore educational and career opportunities, (2) make appropriate secondary/post-secondary decisions as part of an overall career plan, (3) outline a course of study based on the student's talents and interests, and (4) consider graduation requirements relevant to the student's chosen area of concentration and post-secondary requirements. The student, parent/guardian, and counselor will review the plan annually.

CAREER EXPLORATION

Designed by award-winning career guidance experts, Kuder Navigator® is an all-in-one online education and career planning system that helps students visualize their futures — and make the plans to get there. In 20 minutes or less, students can complete career assessments and uncover insights into their personal career interests, skills confidence, and work values. They can also explore occupations, create multi-year education plans, learn real-world skills, search and view scholarship and financial aid information, and more. To learn more, visit www.kuder.com or contact info@kuder.com. Students at Lakeshore High School have access to this platform and are highly encouraged throughout the school year to take the career assessment to determine their future plans.

FRESHMAN ACADEMY

The Freshman Academy is a transitional program to provide all incoming ninth grade students a foundation for success. The Academy specializes in preparing students for their high school career through a variety of concentrated efforts. The goals of the Freshman Academy are to increase student attendance, increase school spirit, and decrease discipline issues by providing a structured and prescribed school day specifically for our 9th graders.

SUMMER SCHOOL

Summer school for STPPS is an online platform, which is used to enable students to make up for failed subjects. There is a fee associated with completing summer school courses. Students may be required to provide their own technology to complete the course(s). No courses can be taken during summer school for new course credit.

SPECIAL EDUCATION COURSES

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.

GRADING SCALE

Beginning with the 2024-2025 school year, in accordance with Act 424 (2024), La. R.S. 17:184, and La. R.S. 3996(B)(82), public schools shall use the following 10-point grading scale:

2024-2025 and beyond		
4 quality points	A	100-90
3 quality points	B	80-89
2 quality points	C	70-79
1 quality point	D	60-69
0 quality points	F	0-59

For school years 2023-2024 and prior, as outlined in Bulletin 741 §2302 - Uniform Grading Policy and promulgated in accordance with La. R.S. 17:7(31), Louisiana public schools used the following grading scale:

2023-2024 and prior		
4 quality points	A	100-93
3 quality points	B	85-92
2 quality points	C	84-75
1 quality point	D	74-67
0 quality points	F	0-66

ADVANCED LEVEL COURSE REQUIREMENTS

Students wishing to enroll in advanced level courses such as Honors and/or Advanced Placement courses must earn at least 5 points on the honors rubric for each core content area to be considered for entrance into any advanced level course. The data components used on the honors rubric are course grades for each core content area and standardized test scores. Teacher recommendations will also be taken into consideration. A student receiving an extra quality point for an A, B, or C earned in an honors course listed in the local designated course list must meet the criteria outlined in Bulletin 742 §2323. Students shall complete an additional unit of instruction beyond the regular course.

ENGLISH	MATH	SCIENCE	SOCIAL STUDIES
<u>Previous Course Grade</u> A=3 points B=2 points C=1 points D=0 points	<u>Previous Course Grade</u> A=3 points B=2 points C=1 points D=0 points	<u>Previous Course Grade</u> A=3 points B=2 points C=1 points D=0 points	<u>Previous Course Grade</u> A=3 points B=2 points C=1 points D=0 points
<u>Standardized Assessment</u> Advanced = 3 points Mastery = 2 points Basic = 1 point	<u>Standardized Assessment</u> Advanced = 3 points Mastery = 2 points Basic = 1 point	<u>Standardized Assessment</u> Advanced = 3 points Mastery = 2 points Basic = 1 point	<u>Standardized Assessment</u> Advanced = 3 points Mastery = 2 points Basic = 1 point
<u>Teacher Recommendation</u> Yes = 1 point No = 0 points	<u>Teacher Recommendation</u> Yes = 1 point No = 0 points	<u>Teacher Recommendation</u> Yes = 1 point No = 0 points	<u>Teacher Recommendation</u> Yes = 1 point No = 0 points

STANDARDIZED ASSESSMENTS

ACT #

The ACT is an entrance exam used by most colleges and universities to make admissions decisions. It is a multiple-choice, pencil-and-paper or computer test administered by ACT, Inc. The purpose of the ACT test is to measure a high school student's readiness for college, and provide colleges with one common data point that can be used to compare all applicants. Overall, the higher a student scores on the ACT, the more options for attending and paying for college will be available. Louisiana pays for every 11th grader to take the ACT during the school day in the Spring. All juniors are required to take the ACT regardless of post high school plans. Students **MUST** take the ACT for their WorkKeys scores to be considered.

PreACT #

The PreACT test empowers 9th and 10th graders with a unique ACT test practice experience. Scores provide valuable insights into students' predicted performance on the ACT and help inform important high school course decisions. PreACT reporting includes both academic and career indicators, which are designed to identify strengths and areas for improvement, providing a complete view of students' college and career readiness. This test is given in the Spring of a student's 9th and 10th grade years.

ACT WorkKeys #>

The ACT WorkKeys test measures a range of hard and soft skills relevant to any occupation, at any level, and across industries. Successful completion of WorkKeys core assessments can lead to earning an ACT WorkKeys® National Career Readiness Certificate™ (ACT WorkKeys NCRC®)—a credential that verifies the skills found to be most essential across industries and occupations. The NCRC is issued based on competencies on three assessments: Graphic Literacy, Workplace Documents, and Applied Math. The WorkKeys test is mandatory for TOPS Tech students in order to qualify for graduation.

AP/DUAL ENROLLMENT >\$

AP (Advanced Placement) classes are designed by College Board, allowing students to delve deeper into specific subject areas. At the end of the course, students will take the AP test for that subject area. Students who score a 3 or higher could potentially receive college credit for that course. In DE (Dual Enrollment) classes, LHS partners with a local college to deliver the course content with a high school facilitator. The grade a student receives throughout the course will be the grade they receive on their college transcript. Always contact the college advisor from your college of choice to check to see what Dual Enrollment and AP credits will transfer. Upon graduation, you must request a copy of your college transcript for your dual enrollment classes from the college. You will be required to submit that transcript to the college that you will be attending.

ASVAB >

ASVAB is a standardized test that measures a person's aptitude for military careers. It is administered by a partnering branch of the military. The test also provides tools to help students learn more about career exploration and planning, in both the civilian and military worlds of work.

CLEP >\$

The College Board's College-Level Examination Program (CLEP) has been the most widely trusted credit-by-exam program for over 50 years, accepted by 2,900 colleges and universities. This rigorous program allows students to demonstrate their mastery of introductory college-level material and earn college credit. Students can earn credit for what they already know by getting qualifying scores on any of the 34 exams. While CLEP is sponsored by the College Board, only colleges may grant credit toward a degree. A college often grants the same amount of credit to a student who earns satisfactory scores on a CLEP exam as it does for a student who successfully completes the related course.

In order to take a CLEP exam, a free test voucher can be procured from completing the *Modern States* online coursework. Otherwise, a fee may be associated with taking a CLEP test.

LEAP 2025 #

The Louisiana Department of Education has initiated a LEAP 2025 assessment program to support consistent and rigorous standards in key high school courses. All students 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/Government.

PSAT >\$

The PSAT/NMSQT is a standardized assessment closely connected to the SAT and cosponsored by the College Board and the National Merit Scholarship Corporation. It's typically given to 9th-11th graders in school in October. 11th grade is the qualifying year for your student's score to determine his or her eligibility for the National Merit Scholarship.

Mandatory Testing
> Optional Testing
\$ Possible Fees

HIGH SCHOOL GRADUATION OPPORTUNITIES

During the first two years of high school, students should focus on building on the knowledge and skills they gained in previous grades. Every 9th and 10th grade student (beginning 2014-2015 and thereafter) will take core academic classes to work towards a diploma. Following the student's 10th grade year, a student may choose to work toward a Jump Start TOPS Tech Pathway or pursue the TOPS University Pathway. All students, regardless of pathway, can take advantage of Lakeshore High's CTE courses. Decisions are made with counseling and guidance, based on the student's interests, capabilities, and ambitions. For graduation requirements, see page 7 of the Program of Study or page 2 of [Graduation Requirements for Entering Freshmen 2014-2015 and Beyond](#). *Financial Literacy (beginning with Class of 2028) and Computer Science (beginning with Class of 2029) will be courses required to fulfill graduation requirements.*

TOPS UNIVERSITY PATHWAY

For Students Planning to Attend a Four-Year University Post Graduation

The successful completion of the TOPS University pathway diploma requires a minimum number of Carnegie units in specific courses. In addition, students may also take courses in the TOPS Tech Curriculum and earn Industry Based Certifications. 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 the [TOPS](#) scholarship 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. Students who select this option may also attend a community college or vocational school.

TOPS TECH CAREER PATHWAY

For Students Planning to Attend a Community/Technical College or Launch a Career or Enlist in the Military

Tops Tech career curriculum 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 students to continue their education after high school, and certifying them for career fields most likely to lead to high-wage jobs. A parent or guardian must sign the Louisiana TOPS Tech Career Diploma form to take advantage of the TOPS Tech Curriculum. While in high school, participating students will be provided opportunities to achieve industry-based certificates or college credentials in addition to their high school diplomas. These credentials will prepare graduates to continue their studies after high school at a Community or Technical College OR to launch a career upon graduating. Eligibility for the [TOPS Tech](#) scholarship relies on earning a minimum required GPA as well as minimum required ACT composite score or WorkKeys Silver score. 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. The curriculum requirements for each pathway offered are listed on page 7 of this booklet.

CAREER AND TECHNICAL EDUCATION

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 curriculum.

The Jumpstart 2.0 Career 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 Career Curriculum will be eligible for entry into a two-year technical or community college. Listed below are the TOPS Tech Career Pathways supported at Lakeshore High School:

Lakeshore High School TOPS Tech Pathways	
• Architecture and Construction: Carpentry • Arts, A/V Technology, & Communication: Digital Media • Business Management: Culinary • Business Management: Entrepreneur	• Health Science: EMT/CCMA • Information Technology: Programming • Manufacturing: Engineering • Manufacturing: Welding • Transportation, Distribution, & Logistics: AutoTech

Graduation Requirements for Entering Freshmen 2014–2015 and Beyond

SUBJECTS	TOPS UNIVERSITY DIPLOMA			JUMP START TOPS TECH CAREER DIPLOMA		
	# Units	Courses		# Units	Courses	
English	1	One of the following: English I, English Language Part I: Cambridge IGCSE, or English Literature Part I: Cambridge IGCSE		1	One of the following: English I, English Language Part I: Cambridge IGCSE, or English Literature Part I: Cambridge IGCSE	
	1	One of the following: English II, English Language Part 2: Cambridge IGCSE, or English Literature Part 2: Cambridge IGCSE		1	One of the following: English II, English Language Part 2: Cambridge IGCSE, or English Literature Part 2: Cambridge IGCSE	
	1	One of the following: English III, AP English Language and Composition, IB Literature, IB Language and Literature, IB Literature and Performance, English Language Part 1: Cambridge AICE—AS (Honors), or Literature in English Part 1: Cambridge AICE—AS (Honors)		2	The remaining units shall come from the following: Technical Writing, Business English, English III, English Language Part 1: Cambridge AICE—AS (Honors), Literature in English Part 1: Cambridge AICE—AS (Honors), English IV, any AP or IB English course, English Language Part 2: Cambridge AICE—AS (Honors), Literature in English Part 2: Cambridge AICE—AS (Honors), or comparable Louisiana technical college courses offered by Jump Start regional teams as approved by BESE	
	1	One of the following: English IV, AP English Literature and Composition, IB Literature, IB Language and Literature, IB Literature and Performance, English Language Part 2: Cambridge AICE—AS (Honors), or Literature in English Part 2: Cambridge AICE—AS (Honors)				
NOTE: If a student chooses to take the A level Cambridge course, the second unit will count as an elective credit.						
Mathematics	1	Algebra I		1	Algebra I, Applied Algebra I, or Algebra I-Part 2 (The elective course Algebra I-Part 1 is a prerequisite.)	
	1	Geometry		1	Geometry	
	1	Algebra II		1	Financial Literacy	
	1	One of the following: Algebra III, Advanced Math—Functions and Statistics, Advanced Math—Pre-Calculus, Pre-Calculus, IB Math Studies (Math Methods), Calculus, AP Calculus AB, IB Mathematics SL, AP Calculus BC, AP Statistics, IB Further Mathematics HL, IB Mathematics HL, Probability and Statistics, AP Computer Science A, Statistical Reasoning, Additional Math—Cambridge IGCSE, Math 1 (Probability and Statistics): Cambridge AICE (Honors), Math 1 (Pure Math): Cambridge AICE—AS (Honors), Math 2 (Part I): Cambridge AICE—A Level (Honors), or Math 2 (Part 2): Cambridge AICE—A Level (Honors)		1	The remaining units shall come from the following: Math Essentials, Algebra II, Advanced Math—Functions and Statistics, Advanced Math—Pre-Calculus, Algebra III, Pre-Calculus, Business Math, Probability and Statistics, Statistical Reasoning, Transition to College Math, or comparable Louisiana technical college courses offered by Jump Start regional teams as approved by BESE. Integrated mathematics I, II, and III may be substituted for algebra I, geometry, and algebra II and shall count as three math credits. Additional Math: Cambridge IGCSE, Math 1 (Pure Math): Cambridge AICE—AS (Honors), Math 1 (Pure Math): Cambridge AICE—AS (Honors)	
NOTE: The Integrated Mathematics I, II, and III sequence, including the Cambridge IGCSE Integrated Math sequence, may be substituted for the Algebra I, Geometry, and Algebra II sequence.						
Science	1	Biology I		1	Biology I	
	1	Chemistry I		1	One of the following: Chemistry I, Physical Science, Earth Science, Agriscience II*, Environmental Science, Principles of Engineering, any AP or IB science course, PLTW Principles of Engineering, Principles of Engineering (LSU Partnership), Physics I: Cambridge IGCSE, Biology II: Cambridge AICE—AS (Honors), Chemistry II: Cambridge AICE—AS (Honors), or Physics II: Cambridge AICE—AS (Honors)	
	2	Two units chosen from the following: (a) Earth Science; (b) one of Environmental Science, Environmental Awareness; (c) one of Physical Science, Principles of Engineering, PLTW Principles of Engineering, Principles of Engineering (LSU Partnership); (d) Agriscience II*; (e) one of Chemistry II, AP Chemistry, IB Chemistry I, IB Chemistry II, or Chemistry II: Cambridge AICE—AS (Honors); (f) one of AP Environmental Science, IB Environmental Systems; (g) one of Physics I, IB Physics I, AP Physics I, Physics I: Cambridge IGCSE, or (h) one of AP Physics C: Electricity and Magnetism, AP Physics C: Mechanics, IB Physics II, AP Physics II, or Physics II: Cambridge AICE—AS (Honors); (i) one of Biology II, AP Biology, IB Biology I, IB Biology II, Biology II: Cambridge AICE—AS (Honors), or Human Anatomy and Physiology				
	*The elective course Agriscience I is a prerequisite for Agriscience II.					
Social Studies	1	One of the following: U.S. History, AP U.S. History, or IB History of the Americas I		1	One of the following: U.S. History, AP U.S. History, or IB History of the Americas I	
	1	One of the following: Civics, American Government, AP U.S. Government and Politics: Comparative, or AP U.S. Government and Politics: United States		1	One of the following: Civics, American Government, AP U.S. Government and Politics: Comparative, or AP U.S. Government and Politics: United States	
	2	Two units chosen from the following: (a) one of European History, AP European History, Western Civilization, or History (European): Cambridge AICE—AS (Honors); (b) one of World Geography, AP Human Geography, IB Geography, Physical Geography, or Geography: Cambridge AICE—AS (Honors); (c) one of World History, AP World History, IB History of the Americas II, or History (International): Cambridge AICE—AS (Honors); (d) History of Religion; (e) one of IB Economics, Economics, AP Macroeconomics, AP Microeconomics, or Economics: Cambridge AICE—AS (Honors); (f) AP Psychology, History of Religion, or African American history*				
Health and Physical Education	0.5	Health Education		0.5	Health Education	
	1.5	Physical Education I and II; Adapted Physical Education I and II for eligible students in special education; JROTC I, II, III, or IV; or Physical Education I (1 unit) and 1/2 unit of Marching Band, extracurricular sports, Cheerleading, or Dance Team		1.5	Physical Education I and one half unit from among the following: Physical Education II, Marching Band, extracurricular sports, Cheerleading, Dance Team Adapted PE for eligible students or JROTC or may be substituted	
NOTE: JROTC I and II may be used to meet the health education requirement. Refer to §2347.						
World Language	2	Two units from the same language (§2345) ¹				
Art	1	Art (§2333), Music (§2355), Dance (§2337), Theatre (§2369), Speech III and IV (one unit combined), Fine Arts Survey, Drafting, Media Arts (§2354), Photography I/II, Digital Photography, or Digital Design (§2338)				
Electives/ Jump Start	2	Electives		9	Jump Start course sequence, workplace experiences, and approved credentials (a minimum of one industry-based credential is required for graduation)	
Financial Literacy	1	Financial Literacy				
Total Units	24			23		

Refer to Bulletin 741 and the [LDOE Graduation Requirements](#) page the most current information.

REVISED JULY 1, 2024

¹ Geometry is now required for JumpStart TOPS Tech (Career Diplomal) students with a Fall grade 9 2023-2024 entry year and thereafter. For grade 9 entry prior to 2023-2024, students must take three additional Math courses of which Geometry is an option.

² Computer Science has been added to TOPS University students with a Fall grade 9 2023-2024 entry year graduating in 2024-2027 and thereafter.

LAKE SHORE HIGH SCHOOL

TOPS TECH PATHWAYS

ARCHITECTURE & CONSTRUCTION: CARPENTRY

ADVANCED CREDENTIAL:
CITF CARPENTRY LEVEL 2

TOPS Tech

Career Readiness Elective
Agriscience I, II, and/or III
Pre-Apprenticeship I
Pre-Apprenticeship II
Internship

TOPS University

Agriscience I
Agriscience II
Agriscience III
Pre-Apprenticeship I
Pre-Apprenticeship II
Internship

ARTS, A/V TECHNOLOGY, & COMMUNICATION: DIGITAL MEDIA

ADVANCED CREDENTIAL:
ADOBE SPECIALIST

TOPS Tech

Career Readiness Elective
Art I
Digital Media I
Broadcast I or Yearbook I
Broadcast II or Yearbook II
Broadcast III or Yearbook III
Broadcast IV or Yearbook IV
Internship

TOPS University

Digital Media I
Broadcast I or Yearbook I
Broadcast II or Yearbook II
Broadcast III or Yearbook III
Broadcast IV or Yearbook IV
Internship

BUSINESS MANAGEMENT: CULINARY

ADVANCED CREDENTIAL:
ADOBE SPECIALIST

TOPS Tech

Career Readiness Elective
Business Communications
Nutrition and Food
Baking
Prostart I
Prostart II
Digital Media I
Internship

TOPS University

Nutrition and Food
Baking
Prostart I
Prostart II
Digital Media I
Internship

BUSINESS MANAGEMENT: ENTREPRENEUR

ADVANCED CREDENTIAL:
ADOBE SPECIALIST

TOPS Tech

Career Readiness Elective
Business Communications
Customer Service
Digital Media I
Speech II
Internship

TOPS University

Customer Service
Digital Media I
Business Communications
Speech II
Fundamentals of HTML CSS JAVA
Advanced Java Programming
Internship

INFORMATION TECHNOLOGY: PROGRAMMING

ADVANCED CREDENTIAL:
ADOBE SPECIALIST

TOPS Tech

Career Readiness Elective
Digital Media I
Internship

TOPS University

Digital Media I
Fundamentals of HTML CSS JAVA
Advanced Java Programming
Internship

HEALTH SCIENCE: EMT/CCMA

ADVANCED CREDENTIAL:
EMT OR CCMA

TOPS Tech

Career Readiness Elective
Health Science I
Psychology
First Responder/EMR
Health Science II
CCMA
Internship

TOPS University

Health Science I
Health Science II
First Responder/EMR
Anatomy & Physiology OR
DE Biology II
EMT or CCMA
Internship

LAKESHORE HIGH SCHOOL TOPS TECH PATHWAYS

MANUFACTURING: ENGINEERING ADVANCED CREDENTIAL: AUTOCAD INVENTOR TOPS University Introduction to Engineering Basic Technical Drafting Advanced Drafting Principles of Engineering (PLTW) Internship	MANUFACTURING: WELDING ADVANCED CREDENTIAL: NCCER WELDING LEVEL II TOPS Tech Career Readiness Elective Agriscience I or II Pre-Apprenticeship I DE Welding I DE Welding II Internship TOPS University Basic Technical Drafting Advanced Drafting Pre-Apprenticeship I Welding I Welding II Internship	TRANSPORTATION, DISTRIBUTION, & LOGISTICS: AUTOTECH ADVANCED CREDENTIAL: AUTOCAD INVENTOR TOPS Tech Career Readiness Elective Agriscience I or Agriscience II Basic Technical Drafting Advanced Technical Drafting Auto Body I Auto Body II Internship TOPS University Basic Technical Drafting Advanced Technical Drafting Auto Body I Auto Body II Internship
---	---	---

Career Readiness Electives:

- *Quest for Success*
- *Agriscience I*
- *JAG I*
- *JROTC (Student must complete JROTC I-IV)*

LOUISIANA TUITION OPPORTUNITY PROGRAM FOR STUDENTS (TOPS)

This program awards college, university, or state technical college tuition to Louisiana high school graduates at a Louisiana college or university who meet specific academic standards. To receive the TOPS awards, students must meet minimum requirements as indicated by TOPS. TOPS offers four award programs: Opportunity, Performance, Honors, and Tops Tech. The TOPS scholarship GPA is weighted, but only according to the TOPS-specific weighted scale set by the Louisiana Office of Student Financial Assistance (LOSFA). The TOPS University Course Requirements outline the TOPS weight scale for each course. A student's GPA on their transcript will be different from a student's TOPS weighted GPA. For example, we assign weighted credit for English I and Algebra I, but in the TOPS GPA calculation, these courses are not weighted.

High School Weighted GPA – Schools often have their own weighting system, giving extra points for honors, AP, or dual enrollment courses. This GPA may not align with the TOPS calculation.

TOPS Weighted GPA – The Louisiana Office of Student Financial Assistance (LOSFA) has a specific formula for calculating the TOPS GPA, which may not include the same weight for certain courses as a high school does. For example:

- TOPS only considers core courses (like English, math, science, and social studies).
- Honors/AP/dual enrollment courses may be weighted differently than a school's system.

This means a student's GPA on their high school transcript may be different from the GPA used to determine TOPS eligibility. It's always a good idea for students to check their TOPS GPA on the LOSFA Student Hub to ensure they meet scholarship requirements.

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 to avoid penalties. A FAFSA form may be electronically completed at www.fafsa.ed.gov. It is the student's and parent's responsibility to fill out the FAFSA form and to meet the required deadlines. For more information, go to www.losfa.gov. **For initial eligibility requirements, see the [TOPS Guide](#). For TOPS Core Curriculum requirements, see the TOPS [brochure](#).**

CHANGES TO PUPIL PROGRESSION

Due to the impending changes to the pupil progression plan for STPPS, the following components of a traditional Program of Study are not included in the 2026-2027 Lakeshore High School Program of Study:

- Rank in Class
- Designated Course List
- Exam Exemptions
- Short Day Criteria
- Grade Level Classification

Career and Technical Education Compliance Notice

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

The 504 Coordinator is Candice Dozier, 224 Brakefield St. Slidell, La. 70458; phone (985) 898-3357; email Candice.Dozier@stpsb.org.

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

Notificación Pública

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

La coordinadora de las services de 504 es Candice Dozier, 224 Brakefield St. Slidell, La. 70458; teléfono (985) 898-3357; correo electronico Candice.Dozier@stpsb.org.

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

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

Lakeshore High School

Course Offerings

**Course offerings are subject to change
based on staffing and student interest.*

ENGLISH

English I*
 English I (H)*
 Technical Writing 9
 English II*
 English II (H)*
 English III
 AP English III \$
 English IV
 DE English IV (1010) +\$
 DE English IV (1020) ^\$
 Business English
 Technical Writing
 ESL I
 ESL II
 ESL III
 ESL IV



Enrichment Course for
 English as a Second
 Language Students

SOCIAL STUDIES

World Geography
 AP Human Geography \$
 Government*
 Government (H)*
 U.S History*
 U.S History (H)*
 World History
 World History (H)
 DE Psychology \$
 Psychology^
 Law Studies^
 Sociology^

MATHEMATICS

Algebra I*
 Math Essentials 9
 Geometry*
 Geometry (H)*
 Algebra II
 Algebra II (H)
 Algebra III
 DE College Algebra (1610) +\$
 DE Trigonometry (1620) ^\$
 AP Calculus AB \$
 AP Calculus BC \$
 DE Statistics (2410) ^\$
 Financial Literacy
 Business Math

**Course is assessed by LEAP 2025*
\$ Fees are required
+ Graduation Requirement
^ Elective Credit

SCIENCE

Biology*
 Biology (H)*
 Physical Science
 Physical Science (H)
 Chemistry
 DE Chemistry (1010) +\$
 DE Chemistry (1020) ^\$
 Environmental Science
 Biology II
 DE Biology II (1510) +\$
 DE Biology II (1530) ^\$
 Physics (H)
 Forensic Science
 Anatomy and Physiology
 Lab Assistant

CAREER COURSES

ACT Prep
 Adv Java, Fun Pro, & Web Dev
 Advanced Technical Drafting
 Agriscience I
 Agriscience II
 Agriscience III
 Agriscience IV
 Auto Tech I
 Auto Tech II
 Baking and Pastry Arts I
 Basic Technical Drafting
 Certified Clinical Med Asst (CCMA)
 CITF Pre-Apprenticeship I (Carpentry)
 CITF Pre-Apprenticeship II (Carpentry)
 Computer Science
 Customer Service
 Digital Media I
 Emergency Medical Responder
 DE Emergency Medical Technician
 Fundamentals of HTML, CSS, and Javascript
 Health Science I (Health Occupations)
 Health Science II (Medical Terminology)
 DE HVAC
 Internship
 Introduction to Engineering
 Introduction to Teaching (STAR)
 Jobs for America's Graduates (JAG)
 Leader in Me
 Nutrition and Food/Adv. Nutrition and Food
 DE Pre-Practical Nursing
 Principles of Engineering (PLTW)
 Pro Start I
 Pro Start II
 Publications I (Yearbook I)
 Publications II (Yearbook II)
 Quest for Success

Speech I
Speech II
Television Broadcasting I
Television Broadcasting II
Theatre
Virtual Workplace Experience
DE Welding I
DE Welding II

FINE ARTS

Art I \$
Art II \$
Band I \$
Band II \$
Band III \$
Band IV \$
Advanced Chorus \$
Jazz/Rock & Pop Ensemble I
Jazz/Rock & Pop Ensemble II
Jazz/Rock & Pop Ensemble III
Jazz/Rock & Pop Ensemble IV
Dance I
Dance II
Dance III
Dance IV
Fine Arts Survey
Piano I
Piano II
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)
Talented Theatre I (T)
Talented Theatre II (T)
Talented Theatre III (T)
Talented Theatre IV (T)

FOREIGN LANGUAGE

Spanish I
Spanish II

JROTC

JROTC I
JROTC II
JROTC III
JROTC IV

PHYSICAL EDUCATION / HEALTH

Physical Education I
Physical Education II
Physical Education III
Physical Education IV
Conditioning I
Conditioning II
Conditioning III
Conditioning IV
Health
Mind and Body Exercise

Note: A schedule change request to move out of an Advanced Placement, Dual Enrollment or Honors class may result in having to take additional course work to earn the Carnegie credit.

**Course is assessed by LEAP 2025*

\$ Fees are required

+ Graduation Requirement

^ Elective Credit

English

ENGLISH I*

Grade 9

Students will read and analyze selections from various literary genres in a thematic format. Novel selections, grammar and writing instruction will be based on the state and parish curriculum. Vocabulary study and grammar review are integrated with the literature. Students will improve writing skills using the writing process to develop various forms of paragraphs and essays, including literary analysis, narrative, and research. Research components will be incorporated throughout the year. District-provided summer reading is available to prepare for this course.

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

ENGLISH I (HONORS)*

Grade 9

Prerequisite: Score of 5 points or more on the Honors Rubric

English I Honors is designed for the high-achieving and/or qualifying Gifted student with high reading ability and strong interest in developing writing skills. Honors courses feature deeper exploration of subject matter, complex analysis, independent research, critical thinking, and active participation in discussions, fostering a deeper understanding through challenging assignments and projects.

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

TECHNICAL WRITING 9

Grade 9

Technical Writing 9 is a foundational English course designed to prepare ninth-grade students for the rigor of English I and the English I LEAP assessment. The course strengthens students' reading, writing, and language skills through focused instruction in grammar, sentence structure, vocabulary development, and clear, organized communication. Students learn to analyze informational and technical texts, write structured paragraphs and short essays, conduct basic research, and apply standard formatting and citation practices. Emphasis is placed on academic writing, revision, and test-taking strategies aligned to English I standards, building the confidence and skills students need for success in high school English and beyond.

ENGLISH II*

Grade 10

Students will read and analyze selections from various literary genres in a thematic format. Novel selections and grammar and writing instruction will be based on the state and parish curriculum. Vocabulary study and grammar review are integrated with the literature. Students will improve writing skills using the writing process to develop various forms of paragraphs and essays, including literary analysis, narrative, and research. Research components will be incorporated throughout the year. District-provided summer reading is available to prepare for this course.

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

ENGLISH II (HONORS)*

Grade 10

Prerequisite: Score of 5 points or more on the Honors Rubric

English II Honors is designed for the high-achieving and/or qualifying Gifted student with high reading ability and strong interest in developing writing skills. Honors courses feature deeper exploration of subject matter, complex analysis, independent research, critical thinking, and active participation in discussions, fostering a deeper understanding through challenging assignments and projects.

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

ENGLISH III

Grade 11

English III is a survey of American literature. Students will review historical background and analyze works of fiction, nonfiction, and poetry. Novel selections and grammar and writing instruction will be based on the state and parish curriculum. Students will learn terminology to analyze complex literature and work to develop improved reading comprehension skills. Students will work to improve grammar, writing style, and sentence structure through essay writing. Research components will be incorporated throughout the year. District-provided summer reading is available to prepare for this course.

ENGLISH III (AP) \$

Grade 11

Prerequisite: Score of 5 points or more on the Honors rubric.

This college-level course, designed for the high-achieving and/or qualifying Gifted student, 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 grammar, argument, and persuasion. Advanced Placement credit is available to students who take the AP Language and Composition exam in the spring, and class time will be used for preparation. Research components will be incorporated throughout the year.

All students will be required to take the AP Test in the Spring. Fees are associated with this course. Possible college credit earned if 3 or higher scored on AP test.

ENGLISH IV

Grade 12

This course is an introduction to British literature. Students will review historical background and analyze works of fiction, nonfiction, and poetry. Novel selections and grammar and writing instruction will be based on the state and parish curriculum. Students will learn terminology to analyze complex literature and work to develop improved reading comprehension skills. Students will work to improve grammar, writing style, and sentence structure through essay writing. Research components will be incorporated throughout the year. District-provided summer reading is available to prepare for this course.

DE ENGLISH IV (1010) +\$

3 Hrs College Credit

Grade 12

Prerequisite: Score of 5 points or more on the Honors rubric or SELU eligibility requirements. A minimum ACT score and GPA are required to take this course. 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 and the structure and style. Instruction in functional grammar, sentence structure, diction and spelling, punctuation and mechanics, in direct relation to the student's writing. *Fees are associated with this course. Possible college credit earned.*

DE ENGLISH IV (1020) ^\$

3 Hrs College Credit

Grade 12

Prerequisite: ENGL 1010; Score of 5 points or more on the Honors rubric or SELU eligibility requirements. A minimum ACT score and GPA are required to take this course. 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. *Fees are associated with this course. Possible college*

credit earned.

BUSINESS ENGLISH

Grades 11 and 12

Prerequisite: English I, English II

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

TECHNICAL WRITING

Grades 10-12

This course includes the skills in verbal and written communication that students will need to be successful in the workplace. Students will know and use the terminology in their chosen field of work. They will understand, summarize, interpret, and compare information from simple and complex graphics to identify trends and to make informed decisions. They will also demonstrate proficiency in writing and presentation skills by producing different technical writing products, including formal research reports, formal presentations, and workplace writing.

ENGLISH AS A SECOND LANGUAGE (ESL)

Grades 9-12

ESL I, II, III, IV are available for qualifying students through the ESL Program. 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.

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

functions, solving quadratic equations and understanding the integration of algebra with other mathematics. **A TI-30 Multiview calculator is recommended for this course.**

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

MATH ESSENTIALS 9

Grade 9

Math Essentials 9 is a foundational mathematics course designed to prepare ninth-grade students for success in Algebra I and the Algebra I LEAP assessment. The course reinforces essential mathematical skills, including number sense, operations with rational numbers, ratios and proportional reasoning, introductory expressions and equations, and problem-solving strategies. Students develop mathematical reasoning through real-world applications, guided practice, and targeted review of prerequisite skills. Emphasis is placed on mathematical vocabulary, procedural fluency, and test-taking strategies aligned to Algebra I standards, helping students build confidence and readiness for high school mathematics.

GEOMETRY*

Grades 9 and 10

Prerequisite: Algebra I

This course includes the study of points, lines, planes, angles, triangles, and parallel and perpendicular lines. Students will also learn the basics of writing proofs. Additional topics covered include trigonometry, polygons, similar triangles, circles, and probability. Appropriate use of scientific and graphing calculators, manipulative and applications software will be an integral part of the instruction and assessment. Students will be expected to demonstrate transferring of geometric concepts to new and different situations. **A scientific calculator is recommended for this course.**

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

GEOMETRY (HONORS)*

Grades 9 and 10

Prerequisite: Score of 5 points or more on the Honors rubric

Geometry Honors is designed for the high-achieving and/or Gifted student with proficiency in mathematical reasoning and computational fluency. Honors courses feature deeper exploration of subject matter, complex analysis, independent research, critical thinking, and active participation in discussions, fostering a deeper understanding through challenging assignments and projects. Additional topics in Geometry Honors may include: Logic, Laws of Sines and Cosines, and Special Right Triangles. **A scientific calculator is recommended for this**

course.

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

ALGEBRA II

Grades 10 and 11

Prerequisite: 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 recommended for this course.**

ALGEBRA II (HONORS)

Grades 10 and 11

Prerequisite: Score of 5 points or more on the Honors rubric

Algebra II Honors is designed for the high-achieving and/or Gifted student with proficiency in mathematical reasoning, computational fluency, and Algebra I topics. Honors courses feature deeper exploration of subject matter, complex analysis, independent research, critical thinking, and active participation in discussions, fostering a deeper understanding through challenging assignments and projects.

A graphing calculator is recommended for this course.

ALGEBRA III

Grades 11 and 12

Prerequisite: Credit in Algebra I, Geometry, and Algebra II

In this course, 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 is designed to prepare students for College Algebra.

DE COLLEGE ALGEBRA (1610) +\$

3 Hrs College Credit

Grades 11 and 12

Prerequisite: Score of 5 points or more on the Honors rubric or SELU eligibility requirements. A minimum ACT score and GPA are required to take this course.

A study of families of functions and their graphs. Topics include linear, polynomial, rational, exponential and logarithmic functions, and systems of equations. **A TI-30XIIS scientific calculator is recommended for this course.**

Fees are associated with this course. Possible college credit earned.

DE TRIGONOMETRY (1620) ^\$

3 Hrs College Credit

Grades 11 and 12

Prerequisite: MATH 1610; Score of 5 points or more on the Honors rubric or SELU eligibility requirements. A minimum ACT score and GPA are required to take this course. The study of trigonometric functions. Topics include the laws of sine and cosine, the trigonometric functions and their graphs, inverse trigonometric functions, trigonometric identities and equations, complex numbers, graphs of parametric equations and graphs in polar coordinates. **A TI-30XIIS scientific calculator is recommended for this course.**

Fees are associated with this course. Possible college credit earned.

AP CALCULUS AB ^\$

Grade 12

Prerequisite: A "B" or better in DE College Algebra and Trigonometry

This college-level 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.**

All students will be required to take the AP Test in the Spring. Fees are associated with this course. Possible college credit earned if 3 or higher scored on AP test.

AP CALCULUS BC ^\$

Grade 12

Prerequisite: AP Calculus AB

This college-level course covers many of the mathematical principles in AP Calculus AB and builds upon them. 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.**

All students will be required to take the AP Test in the Spring. Fees are associated with this course. Possible college credit earned if 3 or higher scored on AP test.

DE STATISTICS (2410) ^\$

3 Hrs College Credit; HS Elective Credit

Grades 11 and 12

Prerequisite: MATH 1610; Score of 5 points or more on the Honors rubric or SELU eligibility requirements. A minimum ACT score and GPA are required to take this course.

An introduction to descriptive and inferential

statistics. Topics include: organizing and displaying of data; measures of central tendency, position, and dispersion; correlation and linear regression; discrete and continuous probabilities; normal distribution; Student t-distribution; sampling distributions; confidence intervals; and hypothesis testing. **A graphing calculator (preferably TI-84 or TI Nspire) is required for this course.**

Fees are associated with this course. Possible college credit earned.

FINANCIAL LITERACY

Grades 11-12

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

Grades 10-12

Business Math is a practical mathematics course that focuses on real-world applications of math used in business, personal finance, and the workplace. Students develop skills in budgeting, banking, credit and loans, taxes, payroll, consumer math, and basic data analysis. The course emphasizes problem-solving, mathematical reasoning, and financial decision-making through authentic scenarios and projects. By applying mathematical concepts to everyday and business contexts, students gain the skills necessary to manage personal finances, understand economic responsibilities, and prepare for future careers and postsecondary opportunities.

Science

PHYSICAL SCIENCE

Grade 9

This course provides an introduction to chemistry and physics topics such as the study of matter and the periodic table of elements as well as the study of forces, energy, magnetism, electricity, light and sound. Lab activities and teacher demonstrations support individual learning.

PHYSICAL SCIENCE (HONORS)

Grade 9

Prerequisite: Score of 5 points or more on the Honors rubric

Physical Science Honors is designed for the high-achieving and/or Gifted student with mastery of previous science and mathematical concepts that will prepare them for the faster pace and depth of this course. Honors courses feature deeper exploration of subject matter, complex analysis, independent

research, critical thinking, and active participation in discussions, fostering a deeper understanding through challenging assignments and projects.

BIOLOGY*

Grade 10

A generalized study of molecules to living organisms and their environments. The course will include a study of evolution, genetics & heredity, ecosystems, and, if time permits, a broad overview of human body systems.

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

BIOLOGY (HONORS)*

Grade 10

Prerequisite: Score of 5 points or more on the Honors rubric

This course is designed for the high-achieving and/or Gifted student with mastery of previous science concepts that will prepare them for the faster pace and depth of this course. Honors courses feature deeper exploration of subject matter, complex analysis, independent research, critical thinking, and active participation in discussions, fostering a deeper understanding through challenging assignments and projects.

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

CHEMISTRY

Grades 11 and 12

Prerequisite: Enrolled in or completed Algebra II

This course will include measurement and quantitative analysis using dimensional analysis and 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, thermochemistry, equilibrium, and nuclear chemistry.

DE CHEMISTRY (1010) +\$

3 Hrs College Credit

General Chem Credit will only count as an elective for Science Majors.

Grades 11 and 12

Prerequisite: Prerequisite: Score of 5 points or more on the Honors rubric or SELU eligibility requirements. A minimum ACT score and GPA are required to take this course. Credit or concurrent enrollment in Algebra II.

Metric and temperature conversions, density, calorimetry, mixtures/compounds/ elements/chemical and physical properties, structure of the atom and

electron configuration, periodic table, bonding, chemical formulas and nomenclature, moles, stoichiometry, chemical reactions, gas laws, and properties of gasses, liquids and solids.

Fees are associated with this course. Possible college credit earned.

DE CHEMISTRY (1020) ^\$

3 Hrs College Credit

Grades 11 and 12

Prerequisite: CHEM 1010; Score of 5 points or more on the Honors rubric or SELU eligibility requirements. A minimum ACT score and GPA are required to take this course. Credit or concurrent enrollment in Algebra II.

Covering topics such as: solutions, concentrations (% composition and molarity), acids/bases, pH, buffers, kinetics, equilibrium, solubility, oxidation/reduction, nuclear chemistry, and an introduction into organic chemistry and biochemistry.

Fees are associated with this course. Possible college credit earned.

ENVIRONMENTAL SCIENCE

Grades 11 and 12

This course 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. Students will improve their awareness of environmental problems we are facing now and will be facing in the future.

BIOLOGY II

Grades 11 and 12

Prerequisite: Credit in Biology I and currently enrolled in or completed Chemistry

This course is designed for high school students to gain a deeper understanding of biology or healthcare related fields. The course will cover the human body system in great detail. This class includes dissection labs.

DE BIOLOGY II (1510) +\$

3 Hrs College Credit

This course will not satisfy Science credit for Science Majors, but could count as elective credit.

Grades 11 and 12

Score of 5 points or more on the Honors rubric or SELU eligibility requirements. A minimum ACT score and GPA are required to take this course.

This is a challenging, fast-paced course taught at an advanced level. This course is designed for students who plan to pursue careers in biology or a healthcare related field. The course will cover microbiology topics.

Fees are associated with this course. Possible college

credit earned.

DE BIOLOGY II (1530) ^\$

3 Hrs College Credit

This course will not satisfy Science credit for Science Majors, but could count as elective credit.

Grades 11 and 12

Prerequisite: BIOL 1510; Score of 5 points or more on the Honors rubric or SELU eligibility requirements. A minimum ACT score and GPA are required to take this course.

This course includes a systematic study of the structure, function, evolution, ecology and relationships of organisms including viruses, bacteria, protists, fungi, plants, and animals.

Fees are associated with this course. Possible college credit earned.

PHYSICS (HONORS)

Grade 12

Prerequisite: Must be concurrently enrolled in or have credit for Pre-Calc or Alg III.

This course is designed for the high-achieving and/or Gifted student and consists of an advanced study of force, motion, work, energy and its conservation, simple machines, and efficiency, power, fluids, and pressure magnetism, electricity, radiation, and wave phenomena including sound and light. This is a math/laboratory-based course that deals with the application of the natural laws and with problem solving with emphasis on measurement using the SI system, dimensional analysis, and algebraic manipulation of Physics equations. Honors courses feature deeper exploration of subject matter, complex analysis, independent research, critical thinking, and active participation in discussions, fostering a deeper understanding through challenging assignments and projects.

LAB ASSISTANT

Grade 12

1 Semester or 1 Year Elective

Prerequisite: Teacher Recommendation

Lab Assistant is an advanced level course for students interested in science. Students work independently to prepare lab solutions and materials, set up labs and assist during labs for a variety of science disciplines. Students will learn how to work with other students as they assist during the lab classes.

FORENSIC SCIENCE

Grades 11-12

Forensic Science is the application of science (chemistry, physics, and biology) to the criminal and civil laws that are enforced by police agencies in a criminal justice system. It includes the investigation of fingerprinting, fiber analysis, ballistics, arson, trace evidence analysis, poisons, drugs, blood

spatters, and blood samples. Students are taught the proper collection, preservation, and laboratory analysis of various samples.

ANATOMY & PHYSIOLOGY

Grades 11 and 12

Prerequisite: Biology I Credit (B or better)

This course provides a comprehensive study of the anatomy and physiology of the human body.

Topics include body organization; homeostasis; cytology; histology; and the integumentary, skeletal, muscular, nervous systems and special senses.

Social Studies

WORLD GEOGRAPHY

Grade 9

This course follows a thematic approach which enables students to explore how physical and human geography intersect in today's global society. Students will use various methods of research to uncover how culture, migration, global diffusion, and human-environment interaction have collectively shaped daily life around the world.

AP HUMAN GEOGRAPHY \$

Grades 9-12

Prerequisite: Score of 5 points or more on the Honors rubric

This course is designed for the high-achieving and/or Gifted student and will explore how humans have understood, used, and changed the surface of Earth. They will use the tools and thinking processes of geographers to examine patterns of human population, migration, and land use. Students will learn to connect geographic concepts to real-life scenarios, see patterns and trends in data and in visual sources, understand information shown in maps, tables, and charts, and understand spatial relationships using geographic scales.

All students will be required to take the AP Test in the Spring. Fees are associated with this course. Possible college credit earned if 3 or higher scored on AP test.

GOVERNMENT*

Grade 10

This course 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. Students will study the following topics: Foundations of American Government; Government Structures, Powers, Functions, and Interactions; Political, Social, and Economic Interactions; the role of the American citizen; Elections and Politics; and Economics and Personal Finance.

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

GOVERNMENT (HONORS)*

Grade 10

Prerequisite: Score of 5 points or more on the Honors rubric

This course is designed for the high-achieving and/or Gifted student with a high reading ability and writing skills which will support a deeper understanding of content at an accelerated pace. Honors courses feature deeper exploration of subject matter, complex analysis, independent research, critical thinking, and active participation in discussions, fostering a deeper understanding through challenging assignments and projects.

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

U.S. HISTORY*

Grade 11

This is a survey course that examines American History from the writing of the Declaration of Independence, through the transformative 19th century, and into our modern times. Students will analyze primary sources to study each time period and master an understanding of the social, political, and economical factors that have shaped our nation's history.

All students will take the LEAP 2025 Assessment in this subject.

U.S. HISTORY (HONORS)*

Grade 11

Prerequisite: Score of 5 points or more on the Honors rubric

This course is designed for the high-achieving and/or Gifted student with a high reading ability and writing skills which will support a deeper understanding of content at an accelerated pace. Honors courses feature deeper exploration of subject matter, complex analysis, independent research, critical thinking, and active participation in discussions, fostering a deeper understanding through challenging assignments and projects.

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

WORLD HISTORY

Grades 11 and 12

This survey course is a chronological study of Renaissance and Modern World History. Using a multidisciplinary approach, World History is a balanced program that examines the world through a variety of perspectives. The first semester examines Renaissance through European Imperialism. The second semester evaluates the world from WWI to modern history. The student will receive a broad

overview of events around the world that helped develop today's contemporary global society.

WORLD HISTORY (HONORS)

Grade 12

Prerequisite: Score of 5 points or more on the Honors Rubric

This course is designed for the high-achieving and/or Gifted student with a high reading ability and writing skills which will support a deeper understanding of content at an accelerated pace. Honors courses feature deeper exploration of subject matter, complex analysis, independent research, critical thinking, and active participation in discussions, fostering a deeper understanding through challenging assignments and projects.

DE PSYCHOLOGY (2015) +^\$

3 Hrs College Credit

Prerequisite: Score of 5 points or more on the Honors rubric or SELU eligibility requirements. A minimum ACT score and GPA are required to take this course.

Grades 11 and 12

In this course, students will explore the ideas, theories, and methods of the scientific study of behavior and mental processes. Students will examine the concepts of psychology through reading, discussion, and analyzing data from psychological research studies, which culminates in a research paper.

Fees are associated with this course. Possible college credit earned.

LAW STUDIES ^

Universal Jumpstart Course

Grades 10-12

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

SOCIOLOGY ^

Grades 10-12

Sociology is the study of human behavior in groups, and how people interact in society. It covers a wide range of topics, including culture, social change, and how people work together.

PSYCHOLOGY ^

Grades 10-12

In this course, 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.

Career Courses

ACT PREP

Grades 11 and 12

This comprehensive ACT Preparation course will use previous PreACT and ACT scores to equip high school students with the skills and strategies necessary to excel on the ACT exam. Taught by experienced English and Math teachers, this course utilizes individualized, data-driven approaches to enhance student performance across all sections of the ACT: English, Math, Reading, and Science.

ADVANCED JAVASCRIPT, FUNCTIONAL PROGRAMMING, AND WEB DEVELOPMENT

Grades 11-12

Certification: Fundamentals of Javascript, Functional Programming and Web Development, Level 2

Prerequisite: *Fundamentals of HTML, CSS, and JavaScript, Level 1 Certification*

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.

ADVANCED TECHNICAL DRAFTING

Grades 10-12

Prerequisite: *Basic Technical Drafting*

Certification: Inventor

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

AGRISCIENCE I

Universal Jumpstart Course

Jumpstart Career Readiness Course

Grades 9-12

This course is an introductory course that allows a student to explore many basic areas of agriculture. FFA leadership, basic plant and animal science, horticulture, food science and entomology are all discussed.

AGRISCIENCE II

Grades 10-12

Prerequisite: *Agriscience I*

This course is a continuation of Agriculture I. A more in-depth study of plant and animal systems, recordkeeping, horticulture, livestock evaluations and soil science is presented.

AGRISCIENCE III

Grades 10-12

Prerequisite: *Agriscience I and Agriscience II*

This course is a continuation of Agriculture II. A

more intense study of plant and animal systems, recordkeeping, horticulture, livestock evaluations and soil science is presented.

AGRISCIENCE IV

Grades 11-12

Prerequisite: *Agriscience I, II, and III*

This course is a continuation of Agriculture III. A more intense study of plant and animal systems, recordkeeping, horticulture, livestock evaluations and soil science is presented.

AUTO TECH I

Grades 10-12

Certification: 2 ASE Certifications

This shop/classroom experience program 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 complete I-CAR certifications. **Preferential seating will be given to students on the TOPS Tech diploma pathway.**

AUTO TECH II

Grades 11-12

Certification: 2 ASE Certifications

Prerequisite: *1 ASE Certification*

This shop/classroom experience program offers specialized instruction and practical shop experience to prepare students with entry level skills in the servicing and maintaining of all types of automobiles. This class also provides an internship experience at a local auto dealership or auto body shop. **Preferential seating will be given to students on the TOPS Tech diploma pathway.**

BAKING AND PASTRY ARTS I

Grades 10-12

Prerequisite: *Nutrition and Food or Family and Consumer Science AND ServSafe Food Handler*

This is a career preparation class offering an opportunity for an in-depth look at baking and pastry. At school, 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.

BASIC TECHNICAL DRAFTING

Grades 10-12

Certification: AutoCAD

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 AutoCAD software as they become proficient in drafting skills.

DE CERTIFIED CLINICAL MEDICAL ASSISTANT (CCMA)

Grade 12

Certification: CCMA

Transportation is required to off-campus site.

Prerequisite: EMR Certification

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.

CITF PRE-APPRENTICESHIP I (FALL)

Grades 9-12

Certification: Career Connections Core

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.

CITF PRE-APPRENTICESHIP I (SPRING)

Grades 9-12

Certification: Career Connections Level 1

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.

CITF PRE-APPRENTICESHIP II (FALL/SPRING)

Grades 10-12

Certification: Career Connections Level II

Prerequisite: Career Connections Core and Career Connections, Level 1 Certification

This course extends student knowledge of carpentry and applies it to commercial and residential settings.

Upon successful completion of the units, students will become certified in Career Connections, Level 2 industry-based certification. Preferential seating will be given to students on the Tops Tech diploma pathway.

COMPUTER SCIENCE

Grades 9-12

Computer Science introduces students to the fundamentals of computing and problem-solving in a digital world. Students explore core concepts such as algorithms, programming basics, data and information processing, computer systems, and digital citizenship. Through hands-on activities and projects, students learn to think logically, write and debug simple programs, and understand how technology impacts society and the workplace. The course emphasizes computational thinking, creativity, collaboration, and responsible technology use, preparing students for advanced computer science coursework and a wide range of college and career pathways.

CUSTOMER SERVICE

Universal Jumpstart Course

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.

DIGITAL MEDIA I

Grades 10-12

Certification: Adobe Photoshop and Illustrator

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

EMERGENCY MEDICAL RESPONDER

Grades 11-12

Certification: 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.

**DE EMERGENCY MEDICAL TECHNICIAN
HEMS 1200 and HEMS 1300
6 College Credit Hours**

Grade 12

Certification: EMT

Transportation is required to off-campus site.

Prerequisite: EMR 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.

FUNDAMENTALS OF HTML, CSS, AND JAVASCRIPT

Grades 10- 12

Certification: Fundamentals of Javascript, Functional Programming and Web Development, Level 1

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.

HEALTH SCIENCE I (Health Occupations)

Universal Jumpstart Course

Jumpstart Career Readiness Course

Grades 9-12

This course provides an introduction to medical occupations and professions. Various health careers are investigated along with skills and qualities necessary in the healthcare profession.

HEALTH SCIENCE II (Medical Terminology)

Grades 10-12

Prerequisite: Biology I

In this course students will learn the foundation for listening, reading, speaking, and writing medical terms along with anatomy, physiology, pathology and pharmacology. The course is recommended for any student interested in pursuing a career in the medical field.

DE HVAC

Grades 11 and 12

Certification: NCCER Level 2 HVAC

This course is offered on the NTCC campus.

Transportation is provided, if necessary.

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.

INTERNSHIP I / II

Universal Jumpstart Course

Grade 12

This course provides opportunities to study a particular field in-depth and to serve as a paid intern in an area of the public or private sector. Students are placed at on-site work internships for a minimum number of hours of work per week. The work sites are under the direction of the person engaged in the career field which the student has selected. Students also have a regularly scheduled weekly class at school. Students furnish their own transportation to the internship. The internship must be paid.

INTRODUCTION TO ENGINEERING

Grades 9-10

This introductory engineering course provides students with a foundation in engineering principles, problem-solving, and hands-on applications. Through a combination of individual and team-based projects, students will explore key concepts in mechanical and civil engineering while developing skills in design, critical thinking, and prototyping. The course emphasizes the engineering design process, iterative problem-solving, and real-world applications of engineering in various fields.

INTRODUCTION TO TEACHING (STAR)

Grades 11 and 12

Prerequisite: Psychology and Speech

STAR (Students Teaching and Reaching) is an introductory or exploratory class designed to give students a glimpse into the teaching profession, allowing them to practice basic teaching skills while learning about the realities and challenges of being a teacher, often with a focus on self-reflection and considering if teaching is the right career path for them.

JOBS FOR AMERICA'S GRADUATES (JAG)

Grades 9-12

JAG provides an educational setting that promotes academic and skills attainment, civic responsibility, leadership development, and social awareness that is necessary to become a responsible citizen and productive worker.

LEADER IN ME

Grades 9-12

In this class, students and staff work together to develop essential leadership competencies for postsecondary readiness, increase engagement and school belonging, create high-trust school cultures through authentic relationships, and achieve breakthrough results on their important goals.

NUTRITION AND FOOD

Grades 10-12

Certification: Safe Food Handler

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.

DE PRE-PRACTICAL NURSING

Grades 11 and 12 (2-year commitment)

By Application Only

Certification: CNA

Prerequisite: 2.0 unweighted GPA, PreACT/ACT Scores: Math 19, Reading 18, English 14; Guidance Counselor Recommendation and Interview Required
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.

PRINCIPLES OF ENGINEERING (PLTW)

Grades 9-12

Principles of Engineering (PLTW) builds upon the foundational skills introduced in Basic and Advanced Technical Drafting, focusing on advanced concepts and hands-on applications. Students will explore topics such as hydraulics, electronics, disaster mitigation, and complex problem-solving through team-based design challenges. This course emphasizes innovation, real-world engineering applications, and critical thinking.

PROSTART I

Grades 11-12

Certifications: ServSafe Food Manager and ProStart Level 1

Prerequisite: Nutrition and Food

Dual Enrollment opportunity, but not required.

This course is a national two-year program that 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.

PROSTART II

Grades 11-12

Certification: ProStart Level 2

Prerequisite: ProStart I

Dual Enrollment opportunity, but not required.

This class can be taken as a one hour or two hour block.

Year two of the ProStart program prepares students for careers in the restaurant/food service industry. Topics covered include career preparation and development, the history and art of foodservice, the lodging industry, marketing and menu development, purchasing and inventory control, standard accounting practices, tourism and communication with customers. Students will be prepared to sit for the ProStart Level 2 industry-based certification.

PUBLICATIONS I (YEARBOOK I)

Grades 10-12

Prerequisite: Digital Media I

This class produces the Lakeshore High School yearbook. 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.

PUBLICATIONS II (YEARBOOK II)

Grades 10-12

Prerequisite: Publications I

This class produces the Lakeshore High School yearbook. 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.

QUEST FOR SUCCESS

Grades 9 and 10

Universal Jumpstart Course

Jumpstart Career Readiness Course

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

SPEECH I

Universal Jumpstart Course

Grades 9-12

In this class, 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.

SPEECH II

Grades 10-12

Prerequisite: Speech I

In this course, students will learn advanced oral communication skills. The students will be given practical experience in oral interpretations, individual and group research presentations, debate and drama.

TELEVISION BROADCASTING I

Grades 10-12

Certification: Adobe Premiere Pro

Prerequisite: Digital Media I

Students will learn basic broadcasting terminology, camera techniques, and operation of editing equipment, with an emphasis in the post-production environment. Topics on lighting, audio for video, script writing, and storyboards will also be introduced. Students will further explore the world of broadcasting including but not limited to operating a camera from a tripod and “off the shoulder,” shot framing, how to use and follow a “shot list,” and outdoor lighting techniques. Students will be expected to direct, act, and edit short films, music videos, commercials, etc. Attending school sporting events and functions is required. The student must schedule the course for both the fall and spring semesters.

TELEVISION BROADCASTING II

Grades 11-12

Prerequisite: Television Broadcast I and Adobe Premiere Pro Certification

Students will learn basic broadcasting terminology, camera techniques, and operation of editing equipment, with an emphasis in the post-production environment. Topics on lighting, audio for video, script writing, and storyboards will also be introduced. Students will further explore the world of broadcasting including but not limited to operating a camera from a tripod and “off the shoulder,” shot framing, how to use and follow a “shot list,” and outdoor lighting techniques. Students broadcast on the school’s broadcasting network and will be responsible for putting together the annual senior video. Attending school sporting events and functions is required. The student must schedule the course for both the fall and spring semesters.

THEATRE

Grades 9-12

Technical theatre refers to the behind-the-scenes elements that bring a theatrical production to life onstage. It encompasses many creative and technical areas including stage lighting, sound design, set design and construction, costumes, props, rigging, and stage management.

VIRTUAL WORKPLACE EXPERIENCE

Grade 12

This course is an online, work-based learning course that provides students with a guided tour of Louisiana’s high-wage, high-demand career sectors, including healthcare and pharmacy, construction crafts, information technology, automotive service and repair, advanced manufacturing, transportation and logistics, and business management and finance.

DE WELDING I (FALL)

Grades 11 and 12

Certification: Career Connections Core

This course is offered on the NTCC campus. Transportation is provided, if necessary.

This course is designed to introduce students to the crafts and trade of welding. Units focus on oxyfuel 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.

DE WELDING I (SPRING)

Grades 11 and 12

Certification: Career Connections, Level 1

Prerequisite: Career Connections Core Certification

This course is offered on the NTCC campus. Transportation is provided, if necessary.

This course reviews oxyfuel and SMAW welding and introduces other welding processes such as plasma, MIG, TOG and flux-core. Industry partner review is required for Career Connections, Level 1 certification. Preferential seating will be given to students on the Tops Tech diploma pathway.

DE WELDING II (FALL/SPRING)

Grades 11 and 12

Certification: Career Connections, Level 2

Prerequisite: Career Connections Core and Career Connections, Level 1 Certification

This course is offered on the NTCC campus. Transportation is provided, if necessary.

This course extends knowledge of welding processes such as Groove 1G-4G. The course will be customized to meet the needs of local employers. Industry partner review is required for Career Connections, Level 2 certification. Preferential seating will be given to students on the Tops Tech diploma pathway.

Fine Arts

ART I

Grades 9-12

This is an entry-level course that requires no prior knowledge or art experience. The student will learn the elements and principles of design, basic drawing and shading, and painting techniques. Students will become familiar with common artist's tools and equipment. Students will work with a variety of media such as tempera paint, oil pastels, colored pencils, and watercolors.

ART II

Grades 9-12

Prerequisite: Art I

In this course, students develop their creative and critical problem-solving abilities. The class will begin with a review of drawing skills. From there, painting techniques are explored. Basic printmaking and an introduction to hand- building with clay are also included. An understanding of the principles of art as applied to various techniques, materials, and styles will be developed.

TALENTED ART I

TALENTED ART II

TALENTED ART III

TALENTED ART IV

Grades 9-12

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

BAND I \$

Grades 9-12

Auditions are not required for this basic course designed for those students who desire to read music and play a band instrument in a full band setting. This class is designed as a preparation for those students desiring future admittance into other bands. Rehearsals and performances outside of school hours are required.

BAND II \$

Grades 9-12

Auditions are required for this course where students read music and perform with both the marching and concert band. This group performs often and in many musical settings. Rehearsals and performances outside of school hours are required.

BAND III \$

Grades 10-12

Auditions are required for this course where students read music and perform with both the marching and concert band. This group performs often and in many

musical settings. Rehearsals and performances outside of school hours are required.

BAND IV \$

Grades 10-12

Auditions are required for this course where students read music and perform with both the marching and concert band. This group performs often and in many musical settings. Rehearsals and performances outside of school hours are required.

ADVANCED CHORUS

Grades 9-12

This course is a performance-based class for students who wish to continue participation in a vocal ensemble. Basic knowledge of music reading and theory is required and the student must have taken Beginning Choir or taken Choir the previous year at the high school or junior high level or has auditioned.

JAZZ/ROCK & POP ENSEMBLE I

JAZZ/ROCK & POP ENSEMBLE II

JAZZ/ROCK & POP ENSEMBLE III

JAZZ/ROCK & POP ENSEMBLE IV

Grades 9-12

This is a course for students wishing to learn how to play music on modern instruments such as guitar, bass guitar, drum kit, keyboard or pop vocals. Students may join with or without experience; no audition is required to join the course.

TALENTED MUSIC I

TALENTED MUSIC II

TALENTED MUSIC III

TALENTED MUSIC IV

Grades 9-12

Each level is a 1 year elective.

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

DANCE I

Grades 9-12

The course is an introductory course to numerous dance styles and performance opportunities. Students will learn different styles of dance through technique and choreography, as well as an introduction to the choreographic process. Dance critique, dance history, and cultural dance are also explored through a look at choreographic works of the past and present. Several performances are required throughout the year.

DANCE II

Grades 9-12

Prerequisite: Dance I or Screening Required

The course builds upon the first year of study and progresses into more advanced technique. Dance critique, dance history, cultural dance, choreography, and performance continue to be examined on a more

advanced level. Music editing is also introduced. Several performances are required throughout the year.

DANCE III

Grades 9-12

Prerequisite: Dance II

The course builds upon the second year of study and progresses into more advanced technique. Dance critique, dance history, cultural dance, music editing, choreography, and performance continue to be examined on a more advanced level. Several performances are required throughout the year.

DANCE IV

Grades 10-12

Prerequisite: Dance I, II and III

Advanced Dance explores a variety of dance styles and techniques. The course covers an advanced study of intensive technique, performance, dance critique, music editing, and choreography. Students will perform and choreograph multiple dance pieces for the end-of-year concert. In addition, a primary focus of this class is teaching, planning, and assessing dance as the students explore the roles of dance instructor and choreographer. Several performances are required throughout the year.

FINE ARTS SURVEY

Grades 9-12

A non-performance-based course for students to develop an understanding of Fine Arts and its history.

PIANO I

Grades 9-12

This course is a fundamental, beginning piano class, geared toward students with little or no prior piano instruction. Students' progress through daily practice and class activities, perform in ensembles and prepare for written, as well as performance exams. Students are required to purchase a book, but do not need to own a piano/keyboard.

PIANO II

Grades 9-12

This course is a continuation of the prerequisite Piano I course, focusing on developing a deeper understanding of piano technique and harmony. Daily practice, weekly performances, and larger projects are a part of this course. Students are required to purchase a Piano workbook but owning a piano is not necessary.

TALENTED THEATRE I

TALENTED THEATRE II

TALENTED THEATRE III

TALENTED THEATRE IV

Grades 9-12

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

Foreign Language

SPANISH I

Universal Jumpstart Course

Grades 10-12

This is an introductory level course for students with little to no knowledge of the Spanish language. It will cover basic conversation in the present tense, conjugation of present tense verbs, and basic vocabulary. Speaking and listening skills will be stressed throughout the course, but we will also focus on the structure of writing and reading. The student is also introduced to the different cultures of the Spanish-speaking world.

SPANISH II

Universal Jumpstart Course

Grades 9-12

Prerequisite: Credit in Spanish I

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

JROTC

Completion of JROTC I (1 credit) & JROTC II (1 credit) satisfies the PE and Health graduation requirements.

The mission of JROTC is to motivate young people to be better citizens. The program promotes graduation from high school, and provides instructional opportunities which benefit the student, community and nation. 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 four consecutive 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 promotions in any of the military services. Significant assistance is given to those students applying for any competitive paid college ROTC scholarships or service academy appointments. Courses may also be scheduled for elective credit.

JROTC I

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 Thursdays. PT gear is required at times on Fridays. 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.

JROTC II

Prerequisite: JROTC I

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 Thursdays. PT gear is required at times on Fridays. 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.

JROTC III

Universal Jumpstart Course

Jumpstart Career Readiness Course

Prerequisite: JROTC II

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

JROTC IV

Universal Jumpstart Course

Jumpstart Career Readiness Course

Prerequisite: JROTC III

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

Physical Education Health Education

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.

PHYSICAL EDUCATION I

Grade: 9

This course is designed to expose students to a variety of activities to help them in achieving and maintaining a healthy lifestyle. Units of study will be on team sports (floor hockey, flag football, soccer, cabbage ball, volleyball, and basketball) and lifetime sports (badminton, elementary games, pickleball, power walking/strength training/flexibility training, and recreational games). The class emphasis will be placed on fitness, motor skills, and safety.

PHYSICAL EDUCATION II

Grade: 10

Prerequisite: PE I

This course is designed to expose students to a variety of activities to help them in achieving and maintaining a healthy lifestyle. Units of study will be on team sports (floor hockey, flag football, soccer, cabbage ball, volleyball, and basketball) and lifetime sports (badminton, elementary games, pickleball, power walking/strength training/flexibility training, and recreational games). The class emphasis will be placed on fitness, motor skills, and safety.

PHYSICAL EDUCATION III

Grades 11-12

Prerequisite: PE II

This course is designed to expose students to a variety of activities to help them in achieving and maintaining a healthy lifestyle. Units of study will be on team sports (floor hockey, flag football, soccer, cabbage ball, volleyball, and basketball) and lifetime sports (badminton, elementary games, pickleball, power walking/strength training/flexibility training, and recreational games). The class emphasis will be placed on fitness, motor skills, and safety.

PHYSICAL EDUCATION IV

Grade 12

Prerequisite: PE III

This course is designed to expose students to a variety of activities to help them in achieving and maintaining a healthy lifestyle. Units of study will be on team sports (floor hockey, flag football, soccer,

cabbage ball, volleyball, and basketball) and lifetime sports (badminton, elementary games, pickleball, power walking/strength training/flexibility training, and recreational games). The class emphasis will be placed on fitness, motor skills, and safety.

MIND AND BODY EXERCISE

Grades 9-12

This course is designed to safely introduce students to the basic postures, breathing techniques, and relaxation methods of yoga. Students will begin to experience the benefits of stretching, moving, and breathing freely as they relieve built up stress, learn to relax, and ultimately get more out of day-to-day life. The aim of this course is to promote vibrant health and to tap the body's latent energy reserves.

CONDITIONING PE I

CONDITIONING PE II

CONDITIONING PE III

CONDITIONING PE IV

Grades 10-12

Prerequisite: LHS Athletes Only

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

Lakeshore High School Clubs and Organizations

**Club offerings are subject to change based on
staffing and student interest.*

BOOK CLUB

Our student-led book club chooses two genres each month to read, vote on two books (one in each genre), and meet monthly to discuss their favorites. We meet in the library at 7am and always have great snacks! We also have a google classroom where we post the books and discussion questions ahead of time.

NATIONAL HONORS SOCIETY

The National Honor Society (NHS) is the nation's premier organization established to recognize outstanding high school students. NHS serves to recognize those students who have demonstrated excellence in the areas of scholarship, service, leadership, and character. At the end of 10th grade, students who qualify will receive an invitation to join NHS. If they choose to do so, they will submit an application and will be notified shortly thereafter if they will be inducted.

MU ALPHA THETA

Mu Alpha Theta, the National High School and Two-Year College Mathematics Honor Society, is dedicated to inspiring a keen interest in mathematics, developing strong scholarship in the subject, and promoting the enjoyment of mathematics in high school and two-year college students. Mu Alpha Theta provides a method for schools to recognize and encourage students who enjoy and excel in mathematics; organizes a national convention for students and teachers to participate in math-related events and interact with others from across the country; rewards outstanding extracurricular achievement by offering special awards, scholarships, and grants to students and their faculty advisers; and provides mathematics competitions to participating members.

STEM CLUB

The STEM club allows students to explore science, technology, engineering, and math through hands-on projects and activities.

STUDENT COUNCIL

Lakeshore's Student Council provides our scholars the opportunities to share their time, gifts, and talents in service to Lakeshore High and our surrounding communities. Our Student Council members provide activities and events that promote school spirit and community partnerships to make Lakeshore High School the best school in St. Tammany Parish.

FUTURE FARMERS OF AMERICA (FFA)

Future Farmers of America (FFA) is a dynamic, intracurricular, student-led organization for students enrolled in agricultural education courses in high school. Through participation in FFA, members practice skills in animal and plant sciences, mechanics, business, environmental conservation, and leadership.

ENVIRONMENTAL CLUB

The Environmental Club creates awareness of environmental issues, such as protection, conservation, preservation, and restoration, with an emphasis on educating and empowering students.

NEXT GENERATION

Next Gen equips students to live out their unique destinies by discovering their true value and worth. This begins with meeting mentors and serving in leadership roles within their Club. Students grow and positively influence others as they develop life skills and leadership roles. They meet every Wednesday during the school year.

KEY CLUB

Key Club is a student-led organization that provides high school students with opportunities to serve their communities and develop leadership skills.

FELLOWSHIP OF CHRISTIAN ATHLETES

Fellowship of Christian Athletes work together to grow spiritually and serve their school and community.

CHESS CLUB

Chess club members meet to play chess, learn the game, and improve their skills.

Individual Growth 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 career pathway 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.



INDIVIDUAL GRADUATION PLAN

BASIC INFORMATION									
Name: _____				9th Grade Entry Date: _____		☐ Academic Support Plan Attached			
High School Attending: _____				Originating Middle School: _____					
EDUCATION GOALS									
Diploma Pathway		☐ TOPS University Diploma				☐ Jump Start TOPS Tech (Career) Diploma			
Diploma Endorsements		☐ Community Service Diploma Endorsement				☐ State Seal of Biliteracy		☐ STEM Diploma Endorsement	
Financial Aid & Scholarships		☐ TOPS Honors ☐ TOPS Performance ☐ TOPS Opportunity				☐ TOPS Tech Early Start ☐ TOPS Tech		Financial Aid: Completion Date: _____	
COLLEGE & CAREER GOALS									
Career Specialty/Occupation (Option 1): _____					Career Specialty/Occupation (Option 2): _____				
Career Cluster® (Option 1): _____					Career Cluster® (Option 2): _____				
Jump Start Graduation Pathway: Choose one					Jump Start Graduation Pathway: Choose one				
Post-High School Workforce Plans: ☐ On-the-Job Training ☐ Military ☐ Employment					Certifications: ☐ Statewide ☐ Regional ☐ Complementary				
COURSE PLANNING									
Subjects	6th–8th/T9 Grade	9th Grade	10th Grade	11th Grade	12th Grade	Graduation Tracker			
English						Min Req	Earned	Enrolled	Must Complete
Mathematics						4			
Science						4			
Social Science									
Health						5			
Physical Education						1.5			
World Languages									
Arts									
Electives/CTE									
Electives									
Credit Totals									
EXTRACURRICULAR & EMPLOYMENT ACTIVITIES									
Extracurricular						Awards/Industry-Based Certifications			
Employment									
Community Service									
ASSESSMENTS									
Academic						Personal			
						Instrument		Scores/Notes	
College & Career Readiness						ACT		ACT Engage	
						WorkKeys		ASVAB	
LEAP 2025	English	English I	English II					Skills Inventory	
	Math	Algebra I	Geometry					Career Interest	
	Science		Biology					Learning Styles	
	Social Studies	Civics				US History/Civics		ONET Profiler	
Diagnostic									
GIFTED & TALENTED COURSES, AP, IB, & CAMBRIDGE COURSES, CLEP EXAMS, ARTICULATED CREDIT/DUAL ENROLLMENT COURSES									
Gifted & Talented Courses	AP, IB, & Cambridge Courses	CLEP Exams		Articulated Credit/Dual Enrollment Courses					
Course	Credit	Course	Score	Course	Credit	Course	Credit	Course	Credit
SIGNATURE APPROVALS									
6th–8th/T9		Date	9th	Date	10th	Date	11th		Date
12th		Date							
Student									
Parent									
Counselor/Advisor									

