

Walker High School

Course Guide

2018 - 2019



INTRODUCTION

The information in this booklet is important to both you and your parents. In order for WHS to provide you with the best possible education, you must take the responsibility of choosing courses that will help you achieve your goals.

In choosing your courses, keep in mind that you need to be striving for the following:

- **Courses that will help prepare you for a particular career**
- **Courses that will prepare you for college or other advanced training**
- **Courses that are required for TOPS, if applicable**
- **Courses that will allow you to develop or expand areas that are of particular interest to you.**

Read the scheduling information carefully and discuss your schedule with your parents. It is important that you make selections that meet state requirements for graduation and TOPS, and that are helpful in meeting your individual needs. **You are not allowed to change teachers or courses once schedules are issued, so you should give serious consideration to your selections.**

A counselor is always available for consultation and guidance, BUT THE FINAL RESPONSIBILITY FOR MEETING GRADUATION AND TOPS REQUIREMENTS RESTS WITH THE STUDENTS AND PARENTS.

Notice of Nondiscrimination

The Livingston Parish School Board does not discriminate on the basis of age, race, religion, national origin, disability or gender in its educational programs and activities (including employment and application for employment), and it is prohibited from discriminating on the basis of gender by Title IX (20 USC 168) and on the basis of disability by Section 504 (42 USC 794). The Title IX Coordinator is Stephen Parrill (stephen.parrill@lpsb.org), Assistant Superintendent, P.O. Box 1130, Livingston, LA 70754; Phone (225) 686-7044. The Special Education Director is Dr. Eric Penalber (eric.penalber@lpsb.org); the LPPS 504 Coordinator is Monica Sullivan (monica.sullivan33@lpsb.org), P.O. Box 1130 Livingston, LA 70754; Phone (225)686-4248.

In addition to the above, it is the policy of LPPS that no person in the school district shall, on the basis of age, race, color, creed, disability, religion, national origin, veteran status in its educational programs and activities, sex, or similar personal distinction be denied the benefits of, or be subject to discrimination in regard to employment, retention, promotion, transfer, or dismissal in any educational program or activity under the jurisdiction of the LPPS.

Any individual having a question about this policy or concern that the policy is not being followed should immediately contact the Superintendent at 13909 Florida Blvd., Livingston, LA 70754, or by calling (225) 686-7044.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in any meetings, please contact Debra Sawyer of the LPPS Special Education office at (225)686-4248. Notification 48 hours prior to the meeting will enable the LPPS to make reasonable arrangements to ensure accessibility to this meeting.

TABLE OF CONTENTS

11 th and 12 th Grade Scheduling Reminders	4
ONLINE SCHEDULING PROCEDURES	5
CLASS OF 2018 AND BEYOND: JUMPSTART CAREER DIPLOMA PATHWAY ELECTIVE REQUIREMENTS	6-8
Graduation Paths Graphic	9
IMPORTANT INFORMATION	
• DIPLOMA TRACKS	10
• END-OF COURSE TESTS	10
• TOPS	10
• SLU SCHOLARS PROGRAM	10
• EARLY DISMISSAL	10
• SPECIAL EDUCATION	10
COURSE DESCRIPTIONS	
• AGRICULTURE	11
• ART & THEATER	11-12
• BUSINESS	12-13
• EFFECTIVE STUDY	13
• ENGLISH & SPEECH	14-15
• FAMILY AND CONSUMER SCIENCE	15
• FOREIGN LANGUAGE	16
• HEALTH OCCUPATIONS	16
• INDUSTRIAL TECHNOLOGY	17
• MATH	18-19
• MUSIC	19-20
• PHYSICAL EDUCATION	20
• ROTC	20-21
• SCIENCE	21-22
• SOCIAL STUDIES	22-23
• STEM	23-24
• LIVINGSTON PARISH LITERACY AND TECHNOLOGY CENTER COURSES	25

Scheduling Reminders

1. Before choosing your courses, be sure to read all course descriptions in the Course Guide located on the Walker High School website Guidance page. It is your responsibility to be educated about the courses you choose (fees, course material, etc.).
2. When selecting courses, please remember Walker High School's policy concerning Industry Based Certifications, dual enrollment, and/or advanced placement courses. It is our objective for every student to graduate with an IBC, a dual enrollment credit, and/or an advanced placement course. Please refer to the Course Guide and JumpStart Pathways chart for further details.
3. Rising seniors eligible for Midyear Graduation should select 4 course requests and "**Early Dismissal College**" under the Early Release Seniors course group.
4. All students must select enough courses to fill all 8 blocks (unless you are eligible for Midyear graduation or COOP). Students are not allowed to leave early.
5. Students interested in taking CNA or a course at the Literacy and Technology Center should either pick up an application in the Guidance Office or print the application from the WHS Guidance webpage and submit the completed application with required signatures to the Guidance Office by March 8, 2018. Remember CNA will take 2 blocks and Literacy and Technology courses will take 4 blocks in your schedule and you will need to provide your own transportation.
6. Students interested in taking advanced placement (AP) classes should fill out the attached form in this packet and turn it in with the rest of your scheduling materials. Students should also choose the course in PowerSchool. If the student is not approved for this course, the counselors will substitute alternate course selections chosen by the students.
7. Students planning to be in team sports should **select PE III**. Schedules will be adjusted by counselors using rosters from the coaches. If a team sport does not work in your schedule, you will be placed in your Alternate Course selections.
8. Part of the scheduling process is completing your Individual Graduation Plan (IGP). Fill in the column of your next grade with the courses you selected in PowerSchool. You and your parent should initial the bottom of that column only.
9. The scheduling process is not complete until you have turned in the following items to the Guidance Office **WITH THE PROPER SIGNATURES** by **Thursday, March 8th**.
 - a. Printed copy of your online course requests with parent and student signatures
 - b. Updated Individual Graduation Plan (IGP) with parent and student initials & date
 - c. AP application with parent and student signatures and deposit (If applicable)
 - d. CNA /Literacy & Technology Classes application with parent and student signatures (if applicable)

*****IF STUDENTS DO NOT COMPLETE ALL REQUIRED STEPS, COUNSELORS WILL CHOOSE CLASSES AND STUDENTS WILL NOT BE ABLE TO CHANGE THE COURSES IN THE FALL*****

10. When selecting your courses, consider the recommendations written on your transcript and advising checklist by your counselor. Be sure **YOU** are tracking your graduation and/or TOPS/Tops Tech requirements and college entry requirements. It is your responsibility! Any questions should be directed to your counselor before scheduling ends.

Guidance will be available before/after school and at lunch:

Last Names A-K – Mrs. Keller ranee.keller@lpsb.org

Last Names L-Z – Miss Redden catherine.redden@lpsb.org



WALKER HIGH SCHOOL



ONLINE SCHEDULING INSTRUCTIONS

Students will enter their course requests using the PowerSchool program. Please refer to our Course Guide on the Guidance Web Page for course descriptions, JumpStart pathways, graduation requirements, etc. Instructions for entering online course requests are as follows:

1. **Read All “Scheduling Reminders” Before Proceeding**
2. Go online to: **powerschool.lpsb.org**
3. Enter your username & password
 - a. Username = Your Student ID #
 - b. Password = Your Birthdate (example: August 4th, 1995 would be “841995”)
4. Select the **“Class Registration”** icon on the left of the screen.
5. To create your course requests, click on the yellow pencil icon to the right of a course group, and the courses offered for that group will appear. (Courses are grouped by Core subjects and elective JumpStart Pathways.)
 - a. Select the check box for each course or courses you wish to request within that particular group. Then click on “Okay”. Continue for each of your core classes and electives within your pathway.
 - b. *Note: Choose enough courses to attend 8 class periods (4 per semester), unless you are scheduling senior level Co-op or Mid-Year Graduate.*
 - c. You must also choose at least 2 alternate courses. **(Use the “Alternate Courses” group at the bottom of the registration screen to select these courses.)** The system will automatically use alternate courses if a conflict exists in your 1st choice of selected courses. **Alternate courses should be different from the 1st choice of courses already selected.**
6. Hit “submit” and your schedule request will be displayed for viewing. Alternate courses are listed in alphabetical order. They are not listed in order of preference. Students can make corrections until online registration is closed. Course changes will not be accepted after course registration is closed.
7. **Once you have completed online registration:**
 - a. **Print a paper copy of your final course requests entered in PowerSchool. Both the student and the legal guardian must sign & date this page!**
 - b. **The student and guardian must update, initial & date the Individual Graduation Plan (IGP)**
 - c. **Both of these pages (Course Requests & IGP) MUST be returned to Guidance by Thursday, March 8th.**
 - d. **If you are scheduling an AP class, you must return the form in this packet and the AP deposit with your course requests and IGP by Thursday, March 8th.**
 - e. **If you are requesting CNA or courses at the Literacy and Technology Center, you must complete the application and turn it in with your course requests and IGP by Thursday, March 8th. Applications can be picked up at Guidance office or printed from the WHS Guidance webpage. www.walkerhigh.org/guidance**

ONLINE SCHEDULING WILL BE AVAILABLE THROUGH

Wednesday, March 7th

Documents must be returned by Thursday, March 8th

Failure to select courses and return documents by March 8th will result in a schedule created for you by the counselor.

Class of 2018 and Beyond

Walker High School's Jumpstart Career Diploma Pathway Elective Requirements

1. Students working toward a Career Diploma must complete **9 electives** in one pathway. Courses that count toward an academic requirement **CANNOT** also count toward the 9 pathway elective requirement (ex. Environmental Science).
2. All students must complete a career readiness course and a computer course (IBCA at WHS).
3. In addition, students must also earn a credential in their designated pathway. These can be earned within specific electives.

HELP YOUR CHILD DECIDE ON A PATHWAY

Start by...

- **Asking your child what he/she wants to do for a career; check the pathways to see if there is one that relates to his/her interest**

If that career choice is not listed or he/she is undecided...

- **Highlight courses your student has already completed to see which pathway(s) those courses already fit in to narrow down the choices; don't forget to highlight courses listed below in the (Career Readiness courses and Universal JumpStart courses)**
- **Then check the required credentials to make sure your student has a viable option to earn these credentials**



IMPORTANT!

Please note these pathways are for the 2018-2019 school year and are subject to change.

CAREER READINESS COURSES –Every student must complete at least one of the following career readiness courses.

Advanced Career Readiness	Basic Career Readiness	Journey to Careers
Agriscience I	Education for Careers	

UNIVERSAL JUMPSTART COURSES – These courses can be used in all the pathways.

Business Comp. Apps.(BCA)	Financial Literacy	Intro to Business Comp. Apps (IBCA)	JROTC III & IV
Entrepreneurship	First Responder	Law Studies	Speech I
Personal Finance			

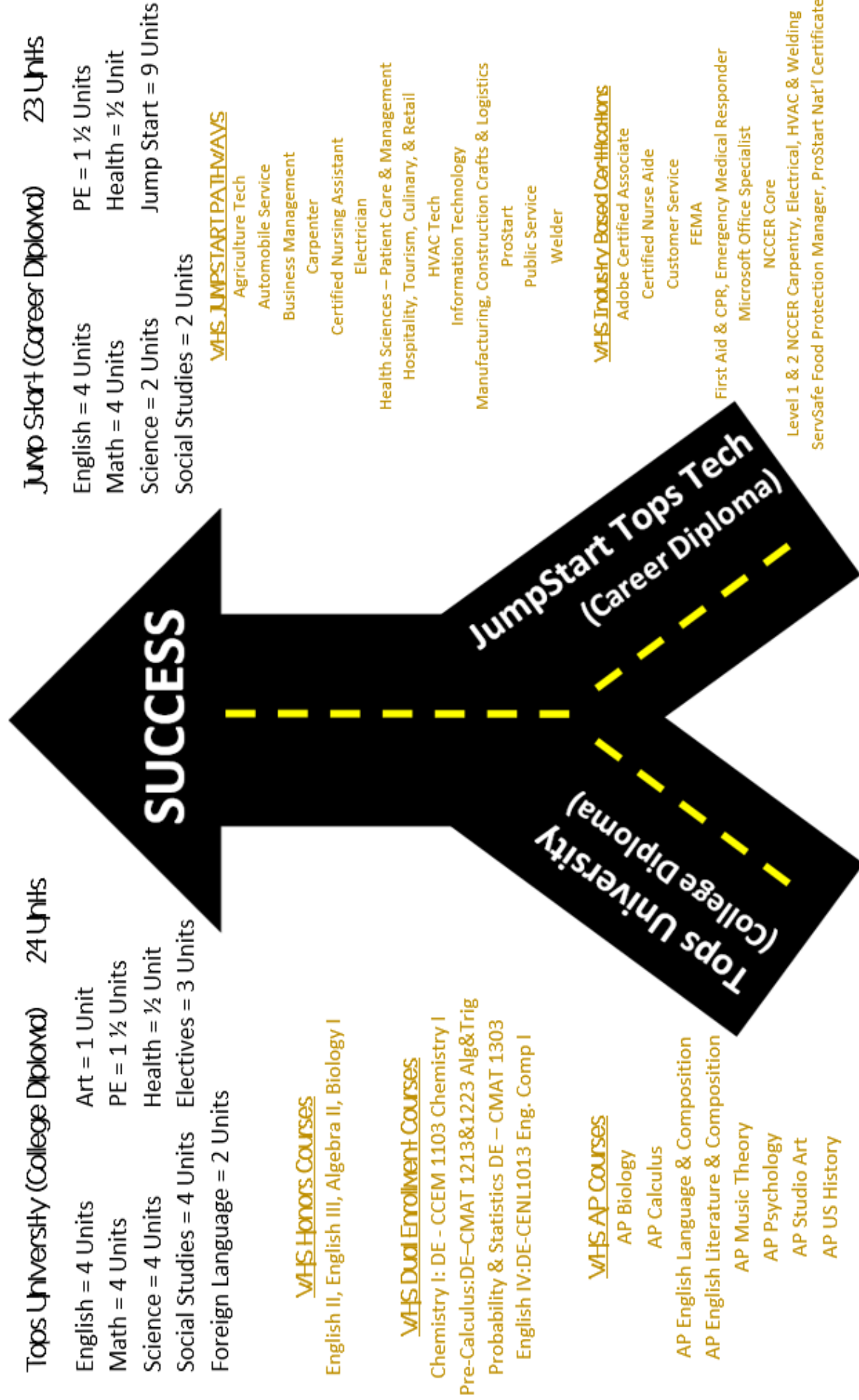
WHS JUMPSTART PATHWAYS

AUTOMOBILE SERVICE				
Agriscience II	Auto Technician I {Tech Center} (3 credits)	NCCER Carpentry I (2 credits)	NCCER Welding Tech I (2 credits)	NCCER A/C Refrigeration I (2 credits)
Agriscience III	Auto Technician II {Tech Center} (3 credits)	NCCER Carpentry II (2 credits)	NCCER Welding Tech II (2 credits)	NCCER A/C Refrigeration II (2 credits)
NCCER Core	Virtual Workplace Experience	NCCER Electrical I (2 credits)	NCCER Electrical II (2 credits)	+ All Universal JumpStart Courses
Credential(s) – Automobile Service Excellence (ASE) {Tech Center}				
BUSINESS MANAGEMENT/MICRO-ENTERPRISE				
Principles of Marketing I	Marketing Educ. Elective I (2 credits)	Principles of Business	Cooperative Marketing Education (Co-op) 12 th Grade Only (3 credits)	
Principles of Marketing II	Marketing Educ. Elective II (2 credits)	Virtual Workplace Experience	+ All Universal JumpStart Courses	
Credential(s) – Customer Service OR Regional Micro-Enterprise AND two of the following - First Aid, MOS, Silver WorkKeys Certificate				
CARPENTER				
Agriscience II	NCCER Carpentry I (2 credits)	NCCER Electrical I (2 credits)	NCCER Welding Tech I (2 credits)	NCCER A/C Refrigeration I (2 credits)
Agriscience III	NCCER Carpentry II (2 credits)	NCCER Electrical II (2 credits)	NCCER Welding Tech II (2 credits)	NCCER A/C Refrigeration II (2 credits)
NCCER Core	Virtual Workplace Experience			+ All Universal JumpStart Courses
Credential(s) – NCCER Carpentry Level I, NCCER Carpentry Level II				
CERTIFIED NURSE ASSISTANT				
Child Development/ Advanced Child Dev.	Nutrition & Foods/ Advanced Nut & Foods	AHEC of a Summer Career Exploration	Virtual Workplace Experience	
Pre-Nursing I (CNA) (2 credits)	Introductions to Health Occupations	Sports Medicine	Psychology	+ All Universal JumpStart Courses
Credential(s) – Certified Nurse Aide				
ELECTRICIAN				
Agriscience II	NCCER Carpentry I (2 credits)	NCCER Electrical I (2 credits)	NCCER Welding Tech I (2 credits)	NCCER A/C Refrigeration I (2 credits)
Agriscience III	NCCER Carpentry II (2 credits)	NCCER Electrical II (2 credits)	NCCER Welding Tech II (2 credits)	NCCER A/C Refrigeration II (2 credits)
NCCER Core	Virtual Workplace Experience			+ All Universal JumpStart Courses
Credential(s) – NCCER Electrical Level I, NCCER Electrical Level II				
HEALTH SCIENCES – PATIENT CARE AND MANAGEMENT				
Child Development/ Advanced Child Dev.	Nutrition & Foods/ Advanced Nut & Foods	AHEC of a Summer Career Exploration	Intro to Pharmacy Assistant Pharmacy Technician	
Pre-Nursing I (CNA) 2 credits	Introductions to Health Occupations	Sports Medicine	Career and Technical Internship	
Pre-Nursing II {Tech Center} (3 credits)	Psychology	Virtual Workplace Experience	+ All Universal JumpStart Courses	
Credential(s) – Emergency Medical Responder				

HOSPITALITY, TOURISM, CULINARY, & RETAIL				
Nutrition & Foods /Advanced Nutrition & Foods	ProStart I	Family Consumer Science I	Virtual Workplace Experience	
Food Service	ProStart II	Family Consumer Science II	+ All Universal JumpStart Courses	
Credential(s) – National Restaurant Association ProStart National Certificate of Achievement AND ServSafe Food Protection Manager Certificate; OR Customer Service or ServSafe AND two of the following - First Aid, MOS, Silver WorkKeys Certificate				
INFORMATION TECHNOLOGY				
Computer Service Technology / COMP TIA+ Fundamentals {Tech Center} (3 credits)	Digital Media I	Multimedia Production	Art I, Art II, Art AP, Theater	
NCCER Electrical I (2 credits)	Digital Media II	Career and Technical Internship	Beginning Robotics, Intermediate Robotics, Advanced Robotics	
NCCER Electrical II (2 credits)	Virtual Workplace Experience	Principles of Engineering {Drones} (2 credits)	+ All Universal JumpStart Courses	
Credential(s) – Adobe Certified Associate; OR CompTIA A+ Certification				
MANUFACTURING, CONSTRUCTION CRAFTS AND LOGISTIC				
Engineering/CMAD Drafting {Tech Center} (3 credits)	NCCER Carpentry I (2 credits)	NCCER Electrical I (2 credits)	NCCER Welding Tech I (2 credits)	NCCER A/C Refrigeration I (2 credits)
Agriscience II	NCCER Carpentry II (2 credits)	NCCER Electrical II (2 credits)	NCCER Welding Tech II (2 credits)	NCCER A/C Refrigeration II (2 credits)
Agriscience III	NCCER Core	Virtual Workplace Experience		+ All Universal JumpStart Courses
Credential(s)– NCCER Level 1 and 2 in one of the following – Carpentry, Electrical, HVAC, Welding; OR American Design Drafting Association Apprentice Drafter (Tech Center)				
PROSTART				
Nutrition & Foods /Advanced Nutrition & Foods	ProStart I	Family Consumer Science I	Virtual Workplace Experience	
Food Service	ProStart II	Family Consumer Science II	+ All Universal JumpStart Courses	
Credential(s) – National Restaurant Association ProStart National Certificate of Achievement AND ServSafe Food Protection Manager Certificate				
PUBLIC SERVICE				
Child Development/Advanced Child Development	Marine Operations I (2 credits)	Spanish or French I	Criminal Justice {Tech Center} (3 credits)	
Introduction to Health Occupations	Marine Operations II (2 credits)	Psychology		
Virtual Workplace Experience	ROTC III & IV		+ All Universal JumpStart Courses	
Credential(s) – FEMA (ROTC) or National Academy of Emergency Dispatch (Tech Center) AND two of the following: MOS, First Aid, Customer Service, Silver Certificate on WorkKeys				
WELDER				
Agriscience II	NCCER Carpentry I (2 credits)	NCCER Electrical I (2 credits)	NCCER Welding Tech I (2 credits)	NCCER A/C Refrigeration I (2 credits)
Agriscience III	NCCER Carpentry II (2 credits)	NCCER Electrical II (2 credits)	NCCER Welding Tech II (2 credits)	NCCER A/C Refrigeration II (2 credits)
NCCER Core	Virtual Workplace Experience			+ All Universal JumpStart Courses
Credential(s) - NCCER WELDING Level 1, NCCER WELDING Level 2				

Walker High School

Where Opportunities Today Mean Success Tomorrow!



IMPORTANT INFORMATION

TOPS UNIVERSITY DIPLOMA/JUMPSTART TOPS TECH (CAREER) DIPLOMA Class of 2018 and thereafter

By a student's tenth grade year, he/she will choose the TOPS University (College) Diploma or the Jumpstart Tops Tech (Career) Diploma pathway. The college diploma prepares a student for a four year university and the possibility of earning TOPS Opportunity or higher. Jumpstart prepares a student for the work force or a technical school and the possibility of earning TOPS Tech.

LEAP 2025

All incoming freshmen must pass three LEAP2025 tests in the following categories: English I, or English II, Algebra I or Geometry, and Biology or US History. There are five achievement levels students can score on the LEAP 2025 exams: Advanced, Mastery, Basic, Approaching Basic, or Unsatisfactory.

Students are required to score Approaching Basic or above on the LEAP 2025 in English II or English III, Algebra I or Geometry, and Biology or US History to be eligible for a standard high school diploma.

TOPS

Students who meet TOPS (Tuition Opportunity Program for Louisiana Students) guidelines receive tuition to Louisiana public and technical colleges, and partial tuition to LAICU colleges and universities.

IMPORTANT NOTES ABOUT QUALIFYING FOR TOPS: Students must take certain core courses, score at least the state's average on the ACT, and obtain the required cumulative GPA calculated by using **ONLY** the grades earned in the core curriculum courses. Each year the Louisiana Legislature may make changes in the TOPS program requirements; therefore, students and parents should stay apprised of the possible annual changes.

Visit www.osfa.la.gov for TOPS requirements and other information.

SLU SCHOLARS PROGRAM

SLU will award tuition waiver scholarships (a maximum of 6 hours per semester) to students who have a minimum GPA of 3.0 and a composite ACT score of at least 24. To be considered for this program, you must apply for admission to SLU and pay the appropriate application fee; submit your ACT scores, a high school transcript, and a proof of immunization form; complete the separate application, indicating your course preferences; and obtain your high school principal's signature. Students are reminded that the courses are offered on a seat availability basis. Additional information is available at www.selu.edu.

EARLY DISMISSAL

Seniors are required to schedule four (4) courses per semester unless they are in General Marketing Education, or earning college or vocational school credits. Students who meet all graduation requirements during 1st semester may choose to graduate in December.

SPECIAL EDUCATION

Special education courses are not listed in this guide. They will be explained by the teacher when the IEP committee convenes for each special education student. When a special education student is earning Carnegie units, he/she will be required to meet the same course requirements as regular education students in the same class

COURSE DESCRIPTIONS

AGRICULTURE

Agriscience I: This course provides students with basic knowledge of agriculture and the science applications in agriculture. Supervised agricultural experience programs and the FFA leadership activities are integral components. Membership in FFA is required. **IMPORTANT NOTE:** Credit in this course and Agriscience II counts as one science credit towards graduation. Credit in this course alone gives the student one elective credit. This course counts as one of the Career Readiness courses required for the Jumpstart pathways.

Prerequisite–NONE

Grade Level–10 – 12

Fee–\$20.00 FFA dues

Agriscience II: This course provides students with basic knowledge of agriculture and the science applications in agriculture, including units in animal science, soil science, plant science, agricultural mechanics, and agricultural leadership. Supervised agricultural experience programs and the FFA leadership activities are integral components and provide opportunities for practical application of instructional competencies. Membership in FFA is required. **IMPORTANT NOTE:** Credit in Agriscience I and this course counts as one science credit towards graduation. This course counts as one of the nine elective courses required for many of the Jumpstart pathways.

Prerequisite–Agriscience I

Grade Level–10 – 12

Fee–\$20.00 FFA dues

Agriscience III/Ag Elective I: This course is an advanced study in Agriscience based on local needs in agriculture, workforce and economic needs. Supervised agricultural experience programs and the FFA leadership activities are integral components and provide opportunities for practical application of instructional competencies. Membership in FFA is required. **IMPORTANT NOTE:** This course counts as one of the nine elective courses required for many of the Jumpstart pathways.

Prerequisite–Agriscience I and II and approval of instructor

Grade Level–10 – 12

Fee–\$20.00 FFA dues

Agribusiness/Ag Elective II: This is an advanced study of Agriscience topics. Supervised Ag experience programs and the FFA leadership activities are integral components of the course. Membership in FFA is required.

Prerequisite–Agriscience I, II, III and approval of instructor

Grade Level–11 – 12

Fee–\$20.00 FFA dues

ART

AP Studio Art: Drawing: Requires students to complete twenty-four pieces of art. Twelve pieces will correspond to the Breadth section of their portfolio, and twelve pieces will correspond to the Concentration section of their portfolio. Students will be encouraged to make creative, well-crafted, and conceptually strong art, and understand how the contemporary art world functions. College credit may be awarded if the student earns a score of 3 or higher on the AP exam administered for the course.

Prerequisite–Portfolio submission (see teacher for details)

Grade Level–10 – 12

Fee–\$110.00 AP fee

Art I: This course is an introductory course for the beginning art student. This comprehensive course covers a wide variety of experiences ranging from drawing and painting to 2-D design and sculpture. The course also provides students with an appreciation and understanding of art. Basic design concepts are included in all activities through the Elements of Art and Principles of Design.

Prerequisite–NONE

Grade Level – 10-12

Art II: This course continues the study of art on a more advanced level, with a greater emphasis on skill acquisition, self-expression, and problem solving. Students are encouraged to create their own compositions to fulfill project requirements allowing them to pursue their own interests in media, content, and style. The Elements of Art and Principles of Design are further expanded upon in this course.

Prerequisite–Art I

Grade Level – 11-12

Dance I: Ballet dance instruction.

Dance II: Hip/Hop dance instruction.

Fine Arts Survey: This course is designed to challenge the college-bound students by giving them an introduction to the four arts (music, art, drama and dance), their history, relationships, and how they each touch our daily lives. Students will be required to write four research-based papers (one for each of the arts). Students should have personal access to the Internet for research. They will also be required to attend (beyond school hours) a classical music concert, a play (drama), a musical or ballet, and to visit a museum.

Prerequisite—NONE

Grade Level—11 – 12

Theater I: This course will help students appreciate and understand today's theater. Students will participate in all aspects of drama production, including scenery, costuming, lighting, and acting. Students will be expected to participate in after school rehearsals during the week of the production and to be present at all productions (3 nights.)

Prerequisite—NONE

Grade Level—10 – 12

Fee—cost of costume

BUSINESS

Business Computer Applications: This course is designed to acquaint students with the advanced principles associated with information processing. Topics of study include computer concepts, word processing, spreadsheets, and database and presentation software applications. Students will have an opportunity to earn an Industry Based Certification

Prerequisite—Introduction to Business Computer Applications

Grade Level—10 – 12

Co-Op Marketing: (Students will leave after 2nd Block to go to a job; they will be monitored and evaluated by the teacher.) This course allows students the opportunity for on-the-job experience along with in-class content in marketing. No half-year credit will be given. Students who take this course with the on-the-job training will receive 4 credits. Students may take this course without the on-the-job training and receive 2 credits. Students who do not complete both terms of this course will receive a failing grade for both terms. Also, students who choose the co-op option will NOT be released from the co-op agreement; it is a full year commitment.

Prerequisite—Application to the coordinator, recommendations, and interview.

Grade Level—10 – 12

Fee—\$35.00 DECA dues

Digital Media I: This course is a study of the techniques used in basic studio and remote productions including film-style productions. The course will concentrate on the use of equipment, providing actual hands-on experience in television production. Students will study areas of production skills dealing with the major formats of programming.

Prerequisite—Application to the coordinator and interview

Grade Level—10 – 12

Fee—\$75 (this includes a home installation of software needed + iCloud storage)

Digital Media II - This course prepares students for the Adobe certified associates test in video communication with Adobe Premiere® Pro software. This course is built off of 19 project-based lessons we go step-by-step through the key techniques for working in Premiere Pro CS6. Students learn to take a project from beginning to end where they'll get the basics on things like organizing media, using audio, creating transitions, producing titles, and adding effects. Once they have the basics down, they'll learn how to take their projects further by sweetening and mixing sound, compositing the footage, adjusting color, using multi-camera editing techniques, authoring DVDs, and much more.

Prerequisite—Digital Media I; application to the coordinator, and interview

Grade Level—10 – 12

Fee—\$75 (this includes a home installation of software needed + iCloud storage)

Entrepreneurship: In this course students will learn the basics needed to plan and launch a business. This course will provide students with the core skills needed to become successful. In this course students will study the characteristics of successful entrepreneurs. Students will also learn about self-employment and basic economic concepts related to small businesses, such as competition and production. This course will also walk students through the steps of setting up a business, including developing a business plan, a mission and a vision, attracting investors, and marketing a company.

Prerequisite—Credit in or simultaneous enrollment in Introduction to Business Computer Applications

Grade Level—10 – 12

Introduction to Business Computer Applications: This course will provide students with basic computer application skills. Additionally, they will learn proper keyboarding techniques and document formatting. Students will have opportunity to earn an Industry Based Certification.

Prerequisite—NONE

Level—10 – 12

Marketing Education Elective (2 credits): (Students will run on campus School-Based Enterprise: The Green and White Cookie Site.) This course explores types of businesses, how to set up and organize a new business, and problems faced in running your own business. Students will receive an overview of all the aspects of business from accounting, finance, marketing, economics and management both in theory and in practice while running the school based enterprise. Students must join DECA. No half-year credit will be given. Students who do not complete both terms of this course will receive a failing grade for both terms.

Prerequisite—Principles of Marketing I & II, student application, and teacher approval

Grade Level—11 – 12

Fee—\$35.00 DECA dues

Multimedia Productions and Career/Technical Internship – This is a fast pace video production class. Students will be filming, editing and producing sporting events, theatrical performances and selling and creating commercials. These students will have to be available after school to be a part of this class. A mandatory 25 sporting events are 50% of their grade. 2.5 GPA Requirement. If interested in a Technical Internship please see Mr. Pleasant.

Prerequisite—Digital Media II, 2.5 GPA, application to the coordinator, and interview

Grade Level—10 – 12

Fee—\$75 (this includes a home installation of software needed + iCloud storage)

Personal Finance: This course will provide the student with a basic understanding of financial security through the following steps: Super Saving, Relating with Money, Cash Flow Planning, Dumping Debt, Be Aware of Marketing, The Role of Insurance, Retirement, and Real Estate and Mortgages.

Prerequisite—NONE

Grade Level—10 – 12

Principles of Business (Bank): Students who are scheduled into this course will complete training and then work in the Neighbor's Federal Credit Union branch on campus.

Prerequisite—Application to the coordinator, recommendations, summer training through Neighbor's Federal Credit Union. There is no additional fee for the training. Upon acceptance to the course the student will be required to submit employment paperwork through NFCU.

Grade Level—10 – 12

Fee—\$35.00 – DECA dues

Principles of Marketing I & Principles of Marketing II (Cookie Site): (Students will run on campus School-Based Enterprise: The Green and White Cookie Site.) This course explores types of businesses, how to set up and organize a new business, and problems faced in running your own business. Students will receive an overview of all the aspects of business from accounting, finance, marketing, economics and management both in theory and in practice while running the school based enterprise. Students must join DECA. No half-year credit will be given. Students who do not complete both terms of this course will receive a failing grade for both terms.

Prerequisite—Credit in or simultaneous enrollment in Introduction to Business Computer Applications, student application, and teacher approval

Grade Level—10 – 12

Fee—\$35.00 DECA dues

Virtual Workplace Experience: This course includes virtual mentor interactions via Nepris along with career development activities and workplace simulations. VWEs help students master key workplace behaviors and communication skills while gaining exposure to industries not represented in their region.

EFFECTIVE STUDY

Advanced Career Readiness: This course helps students explore careers and develop the skills necessary to make meaningful career decisions. Topics include effective communication and people skills, learning styles, study/ test-taking skills, technology, decision-making, time management, financial literacy, career opportunities / business literacy, and classroom driver's education instruction. This class is required for all students graduating under the Basic Core or Career Diploma path.

Prerequisite—NONE

Level—10 – 12

ENGLISH & SPEECH

AP English Language and Composition: (replaces English III) The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

Prerequisite–English I, II

Grade Level–11

Fee–\$110.00 AP fee

AP English Literature and Composition (English IV AP): AP English Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. As they read, students consider a work's structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. The writing in the course will address important rhetorical considerations including audience awareness, rhetorical strategies, assertions and support, organization, and grammatical and mechanical standards for academic writing, including vocabulary, sentence structure, and research documentation. College credit may be awarded if the student earns a score of 3 or higher on the AP exam administered for the course.

Prerequisite–English I, II, & III

Grade Level–12

Fee–\$110 AP fee

Business English: This course will provide students with the communication skills needed in a business environment. **IMPORTANT NOTE:** This course may be a substitution for English IV or may be taken as an elective; however, LSU, SLU and many other colleges do not accept Senior Applications of English in place of English IV for admission. Additionally, this course does not meet TOPS requirements.

Prerequisite–English I, II, and III and Introduction to Business Computer Applications

Grade Level–12

English II: The course focuses on the study of cultural interactions. The argument and synthesis style of writing will be introduced. Students will independently read 2 novels and will be required to take an End-of-Course test that may affect their final grade.

Prerequisite–English I

Grade Level–10

Fee– 2-4 novels

English II (E): The honors course focuses on the study of cultural interactions. The argument and synthesis style of writing will be introduced. In addition to what is covered in English II, students are required to complete a short research project. Students will independently read 3 novels and will be required to take an End-of-Course test that may affect their final grade.

Prerequisite–Grade of A or B in English I

Grade Level–10

Fee–2-4 novels

English III: In this course, students will use critical thinking skills to analyze the American Dream throughout literature. Writing will focus on synthesis, argument, and editorials. Students will read a minimum of one novel as well as complete a research assignment. An End-of-Course test is required.

Prerequisite–English I & II

Grade Level–11

Fee–2-4 novels

English IV: This course for college-bound seniors. The content of this course focuses on reading and responding to literature, vocabulary development, discussion techniques, as well as further development of the writing process and composition skills.

Prerequisite–English I, II, & III

Grade Level–12

Fee–2-4 novels

Publications I (Yearbook) – This course introduces the student to the fundamentals of journalistic procedures as they apply to yearbook production. This course provides hands-on experience, terminology, interviewing, basic layout design and photography techniques utilized in printed publications.

Prerequisite–NONE

Grade Level–10 -12

Speech I - Training in the organization of materials and the oral and physical aspects of delivery in various speaking situations. Intended to give the beginning student an understanding of and practice in public speaking.

Prerequisite—NONE

Grade Level—10 -12

FAMILY & CONSUMER SCIENCE

Child Development: The emphasis of this class will be placed on the study of the development of the child from conception to age twelve.

Prerequisite—NONE

Grade Level—10 – 12

Family and Consumer Science I: This course examines multiple life roles and responsibilities as individuals and family members, focusing on areas of personal and family living; wellness, nutrition and foods, financial management; living environments; appropriate child development practices; clothing and textiles; planning and building employability skills; and other skills.

Prerequisite—NONE

Grade Level—10 – 12

Fee—sewing supplies

Family and Consumer Science II: This course enhances the foundational skills introduced in FACS I. Additional learning focus and practical application activities are implemented in the areas of personal and family living, nutrition & foods, financial management, living environments, appropriate child development practices, clothing & textiles, and building employability skills. Students continue to apply skills helping them fulfill their responsibilities with the work of the family and the community through simulated experiences. Emphasis is on applying knowledge to real life situations.

Prerequisite—FACS I

Grade Level—10 – 12

Fee—sewing supplies

Food Services I: This course provides students the opportunity to learn the scientific basis of the chemical and biological processes involved in the culinary arts. This class starts with the planning and preparation of food and ends with serving, tasting, presentation, and evaluation. Students apply a variety of skills through the practical application of reading, measuring, teamwork, and individual creativity. Units include meats, vegetables, fruit, dairy, eggs, cakes, cookies, pies, candy, and special diets. Students will explore the exciting areas of the food service industry. Students completing this course have an opportunity to earn the ServSafe certification by applying the concepts of food preparation and bacteriology concerning food safety.

Prerequisite— Nutrition and Foods/Advanced Nutrition and Foods

Grade Level—10 – 12

Nutrition and Foods/Advanced Nutrition and Foods: Provides students the opportunity to learn the scientific basis of the chemical and biological processes involving food. Topics include nutrition and wellness for individuals and families across the life span; impact of technology on nutrition, foods, and related tools and equipment; management of food-related resources; acquiring, organizing, and evaluating information about foods and nutrition.

Prerequisite—NONE

Grade Level—10 – 12

ProStart I: This course prepares students for careers in the restaurant and food service industry. Students gain valuable restaurant and food service skills through academic and workplace experiences. Students will begin working towards earning a National Restaurant Association Education Foundation Achievement Certificate.

Prerequisite— Food Services I

Grade Level—11 – 12

ProStart II: This course is the second of two courses that prepare students for careers in the food service/hospitality industry. Emphasis is on obtaining skills for the industry based certification and preparation for internships in the industry. The text to be used is "Becoming a Food Service Professional, Year 2" by the National Restaurant Association's Educational Foundation. The students who complete a 400-hour paid internship and meet the testing requirements of the National Restaurant Association will receive national ProStart certification. Topics of study include career preparation, history of the industry, lodging, tourism, the art of service, marketing, purchasing and inventory control, as well as advanced planning and food preparation techniques. Skills in critical thinking, math, communications, and science are reinforced in this course. Appropriate work-based learning strategies for this course are service learning, field trips, and internships. School-based enterprises, projects, and Family, Career, and Community Leaders of America's (FCCLA) leadership activities provide opportunities for application of instructional competencies. This course is designed for senior students only.

Prerequisite— ProStart I

Grade Level—11 – 12

FOREIGN LANGUAGE

French I: In this course, students will be introduced to the French language and culture. Communication skills will be developed through listening, speaking, reading and writing.

Prerequisite–NONE

Grade Level–10 – 12

French II: This course provides continuing practice in the development of foreign language skills.

Prerequisite–Grade of C or better in French I is recommended.

Grade Level–10 – 12

Spanish I: In this course, students will be introduced to the Spanish language and culture. Communication skills will be developed through listening, speaking, reading and writing. NOTE: Students who have taken and scored an 80% or higher on the 8th grade Spanish proficiency exam are encouraged to bypass Spanish I and schedule Spanish II.

Prerequisite–NONE

Grade Level–10 – 12

Spanish II: This course provides continuing practice in the development of foreign language skills.

Prerequisite–Grade of C or better in Spanish I is recommended.

Grade Level–10 – 12

HEALTH OCCUPATIONS

Assistant to Pharmacy Technician and Pharmacy Technician: This course is available to seniors with a minimum 3.0 GPA and a minimum composite ACT score of 20. This course is recommended to students that will be pursuing a college degree program in pharmacy, nursing, or pre-medicine. After completion of the course, students are eligible to take the Pharmacy Technician Certification Board Exam to become a licensed Pharmacy Technician.

Prerequisite–3.0 GPA; minimum ACT score of 20

Grade Level–12

First Responder: This course is designed to improve the quality of emergency medical care rendered to victims of accidents and illnesses. Topics include airway management, hemorrhage control, immobilization and simple splinting. Oral and written communication skills and medical terminology are reinforced in this course, which will provide a good foundation for the entire EMS system. CPR will also be taught as CPR certification is a prerequisite to an Emergency Medical Responder (EMR) certification which will be attained upon successful completion of this course.

Prerequisite–NONE

Grade Level–11 – 12

Intro to Health Occupations: This course is designed to determine the health care career most suited to the student's goal by learning the specifics of each role and the factors that affect professional performance. Education and responsibilities of various health careers will be explored, along with basic concepts common to all health careers. These concepts include: medical terminology, safety and accident prevention, professionalism, legal aspects, computers in health care, and an intro to anatomy and physiology.

Prerequisite–NONE

Grade Level–10 – 12

Pre-Nursing (CNA): This course is for students who are interested in a career in health care. The emphasis of the class is on caring for the adult population. There will be classroom time, as well as clinical time spent in nursing homes and hospitals. Students must have their own transportation to travel to Baton Rouge to earn the required 75 clinical hours. Students with frequent absences or poor attendance history should not apply. This course must be scheduled for two blocks. This class is a prerequisite for the Technology Center course Patient Care Technician which requires a 2.5 GPA. You must print and complete the LPLTC/CNA application located on the last page of this course guide.

Prerequisite–Student application with teacher approval plus daily transportation to Baton Rouge

Grade Level–11 – 12

Sports Medicine: This course provides an overview of the field of sports medicine as well as to fundamental skills involved in a sports medicine healthcare setting. Topics covered include career paths in the sports medicine field and how each medical profession contributes to a coordinated sports medicine healthcare delivery team. A cornerstone of the field of sports medicine is risk management and injury prevention.

Prerequisite–NONE

Grade Level–11 – 12

INDUSTRIAL TECHNOLOGY

Auto Body and Paint: Learn the basics to auto body paint and repair techniques.

NCCER Carpentry I (2 Credits): This course includes the basic use of hand tools, and various small machine operation, emphasizing construction procedures and processes through theory and application. Safety is stressed throughout the course. Student also has the opportunity to earn a NCCER Core certification as well as a Level I NCCER Carpentry certification.

Prerequisite–NONE

Grade Level–10 – 12

NCCER Carpentry II (2 Credits): This course continues the study of woodworking and woodworking processes. Modern power and hand tools are used. Students will be working toward a Level II NCCER Carpentry certification.

Prerequisite–NCCER Carpentry I and NCCER Core Certification

Grade Level–11 – 12

NCCER Electrical Level I (2 credits): This course outlines a set of best practices for students interested in a career in the electrical field. Students will learn basic safety, electrical theory, tool use, and electrical skills building the foundation to pursue a career in the electrical industry. Hands-on lab work included. Student also has the opportunity to earn a NCCER Core certification as well as a Level I NCCER Electrical certification.

Prerequisite–NONE

Grade Level–10 – 12

NCCER Electrical Level II (2 Credits): This course builds on Level 1 knowledge and skills including topics like alternating current, grounding and bonding, circuit breakers and fuses, electric lighting. Hands-on lab work included. Students will be working toward a Level II NCCER Electrical certification.

Prerequisite–NCCER Electrical Level I and NCCER Core Certification

Grade Level–10 – 12

NCCER Welding Technology I (2 credits): This course is designed to provide students with the opportunity for in-depth exploration in the field of welding. This course will be following the Associated Board of Contractors curriculum, which allows the student to work toward ABC Welding Certification. Student also has the opportunity to earn a NCCER Core certification as well as a Level I NCCER Welding certification.

Prerequisite–NONE

Grade Level–10 – 12

NCCER Welding Technology II (2 credits): This course is the advanced study which was begun in Welding Technology. Students will be working toward ABC Welding Certification. Students will be working toward a Level II NCCER Welding certification.

Prerequisite–Welding Technology I and NCCER Core Certification

Grade Level–11 – 12

AC/Refrigeration I (2 credits): provides a broad introduction to the world of the HVAC technician. The most basic operating principles of HVAC systems are presented along with a review of technician licensing and trade-governing regulations. The final portion of the module describes potential career paths for the well-trained HVAC technician. Student also has the opportunity to earn a NCCER Core certification as well as a Level I NCCER HVAC certification.

Prerequisite–NONE

Grade Level–10 – 12

AC/Refrigeration II (2 credits): This course is the advanced study of A/C Refrigeration. Hands-on lab work included. Students will be working toward a Level II NCCER HVAC certification.

Prerequisite– AC/Refrigeration I and NCCER Core Certification

Grade Level–11 – 12

MATH

Advanced Math/Functions and Statistics: This class is designed for students planning on non-STEM careers like Family and Consumer Sciences, Social Work, Communication Sciences, History, Kinesiology, and Health Studies (excluding doctors). Students will study families of functions, their graphs, triangle geometry, and statistics. This course counts as a fourth math for TOPS. This course is NOT a continuation of Advanced Math Pre-Calc. This course is highly recommended for students who made a grade of a C or better in Algebra II.

Prerequisite—Algebra I, Geometry, Algebra II

Grade Level—11 - 12

Algebra I: This course is for only those students who did not pass this course at Walker Freshman High School. Students will be required to take an End-of-Course test that may affect their final grade.

Prerequisite—NONE

Grade Level—10

Algebra II: This course should be taken by the college-bound student who has done well in previous math courses. Due to the cumulative nature of algebra, it is **HIGHLY recommended** that the student earned a grade of “C” or better in Algebra I and a score of “GOOD” or better on the End-Of-Course test for Algebra I.

Prerequisite—Algebra I and Geometry

Grade Level—10 – 12

Algebra II (E): This honors course should be taken by students who have exhibited a high level of ability and maturity in previous math courses. The honors class covers the same material found in the regular Algebra II class but at an accelerated pace with a more in depth study of concepts.

Prerequisite—Grade of A or B in Algebra I and Geometry

Grade Level—10 – 12

AP Calculus AB: A two-semester course that provides an understanding of the fundamental concepts and methods of differential and integral calculus with an emphasis on their application, and the use of multiple representations incorporating graphic, numeric, analytic, algebraic, and verbal and written responses. College credit may be awarded if the student earns a score of 3 or higher on the AP exam administered for the course. College majors that will require calculus include all the STEM fields, including any sciences, technology, engineering, and mathematics fields.

Prerequisite—Algebra I, Geometry, Algebra II, Pre-Calculus: DE—CMAT 1213&1223 Alg & Trig

Grade Level—11 - 12

Fee—\$110.00 AP fee

AP Calculus BC: An extension of Calculus AB. It adds different types of equations (polar, parametric, vector-valued) and new topics (such as Euler’s method, integration by parts, partial fraction decomposition, and improper integrals), and introduces the topic of sequences and series. College credit for a second calculus course may be awarded if the student passes the AP Calculus BC exam with a score of 3 or better.

Prerequisite—teacher approval

Grade Level—11 - 12

Fee—\$110.00 AP fee

AP Statistics: The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. NOTE: Statistics does not take the place of a pre-calculus or calculus course.

Prerequisite—Algebra II

Grade Level—11 – 12

Fee—\$110.00 AP fee

Geometry: Topics covered in this course are points, lines, planes, analyzing two and three dimensional figures, and making use of postulates, and theorems. Students will be required to take an End-of-Course test that may affect their final grade.

Prerequisite—Algebra I or Algebra I, Part 2

Grade Level—10 – 12

Financial Literacy: This course is designed to provide a review of whole numbers, common fractions, and decimals with emphasis on percentages. The course includes calculations regarding commissions, profits, discounts, income tax, banking and other topics pertinent to business transactions.

Prerequisite—2 math credits

Grade Level—11 – 12

Math Essentials: This course focuses on mastering basic algebra skills, as well as some geometry and advanced algebra topics. It may be taken after Algebra I or Geometry. If fulfills the fourth math requirement for the Core Four diploma, Basic Core diploma, and Jumpstart TOPS Tech diploma and TOPS Tech award but **DOES NOT** count for the TOPS University diploma or the TOPS Core Curriculum award. Topics include Ratio and Proportion, Probability, Statistics, Trigonometry and Functions.

Prerequisite–Algebra I

Grade Level–10 – 12

Pre-Calculus: DE–CMAT 1213&1223 Alg & Trig: (Advanced Math Pre-Calculus) This is a dual-enrollment course for which qualified students who make a C or higher will get college credit (a P for “Pass”) in College Algebra. The credit is transferrable to all public Louisiana universities. Students will receive a grade for Adv. Math/Pre-Calculus on their high school transcript. The course is computer assisted and will cover topics in advanced algebra and trigonometry. It is recommended for students to have Internet access at home.

Prerequisite–Algebra II, to earn college credit, student must have 18 composite and 19 math score on ACT/ PLAN

Grade Level–11 – 12

Fee–Approximately \$20 for computer login and \$150 Dual Enrollment fee

MUSIC

Band: The band student develops intelligent musicianship because he learns to understand the music which is being performed, as well as learns to play an instrument. The band also helps to develop character by helping students to attain high ideals and to develop self-discipline and esprit de corps. Emphasis is on continuing technical development, aimed at producing a musically sensitive and expressive performance. Additional requirements–Band camp 2-3 weeks before school starts; rehearsals after school; attendance at all rehearsals and performances. In addition, students are required to be members for both 1st and 2nd term for a total of 2 credits.

Prerequisite–Prior band experience and audition

Grade Level–10 – 12

Fee - \$300; in addition, practice/performance clothing, band shoes and gloves must be purchased separately by the student.

Beginning Choir (fall): Open to all students without audition. Students will learn fundamental singing and performance techniques as well as basic music theory (reading and writing musical symbols) which will include ear-training and sight-singing methods. This is a performance-based class. Participation in all rehearsals and performances, during or after school, is mandatory.

Prerequisite–NONE

Grade Level–10 – 12

Fee–\$15.00 plus \$15 choir shirt

Concert Choir (spring): A select choir open to all students by audition. Students will learn singing and performance techniques as well as more advanced music theory concepts which will include sight-singing methods, critical listening, and rhythmic and melodic dictation. Attendance at all rehearsals and performances, during or after school, is mandatory. Additional Requirements - Audition for District and/or All-state Honor Choir as well as participation in Solo and Ensemble Festival and District Large Ensemble Festival.

Prerequisite–Audition

Grade Level–10 – 12

Fee–\$15.00 plus \$15 choir shirt and \$65 formal uniform

Fine Arts Survey: AP Music Theory: The ultimate goal of an AP Music Theory course is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. The achievement of this goal may be best promoted by integrated approaches to the student's development of aural skills, sight-singing skills, written skills, compositional skills, and analytical skills through listening exercises, performance exercises, written exercises, creative exercises and analytical exercises. College credit may be awarded if the student earns a score of 3 or higher on the AP exam administered for the course. (Found in the Performing Arts career pathway)

Prerequisite–NONE

Grade Level–10 – 12

Fee–\$110.00 AP fee plus Barron's Music Theory AP Guide (@\$25)

Instrumental Technique: This course is an extension of Band. Students who express an interest in the Color Guard may be placed into this course by the Color Guard Director.

Prerequisite–Band Director approval

Grade Level–10 – 12

Fee - \$300; in addition, practice/performance clothing, band shoes and gloves must be purchased separately by the student.

Intermediate Choir (fall): Open to all students without audition. Students will continue to learn fundamental singing techniques and reinforce understanding of basic music theory (reading and writing musical symbols) which will include ear-training and sight-singing methods. This is a performance-based class. Participation in all rehearsals and performances, during or after school, is mandatory.

Prerequisite–NONE

Grade Level–10 – 12 **Fee–\$15.00 plus \$15 choir shirt**

Percussion: This course is an extension of Band. Students who schedule Band and express an interest in Percussion may be placed into this course by the Band Director.

Prerequisite–Band Director approval

Grade Level–10 – 12 **Fee - \$300; in addition, practice/performance clothing, band shoes and gloves must be purchased separately by the student.**

PHYSICAL EDUCATION

Fitness for Life (PE Elective): This course will provide the student with a basic understanding of the major aspects of physical fitness. In this course the student will learn how to effectively plan, implement, and assess his or her own exercise program to meet their individual needs. The student will gain basic knowledge of skill and health-related fitness along with the principles of exercise, exercise safety, and the importance of being a smart consumer.

Prerequisite–NONE

Grade Level–10 – 12 **Fee–\$15.00 PE uniform**

Health Education: This half credit course is required for graduation and is paired with a half credit of P.E. course. In this course, students learn about the functions of the human body with some emphasis placed on careers in health-related areas. Decision-making dealing with tobacco, alcohol and drug use is also emphasized. Cardiopulmonary resuscitation (CPR) is a required subject area.

Prerequisite–NONE

Grade Level–10 – 12 **Fee–\$15.00 PE uniform**

Physical Education: Walker High School students will earn 2 credits in P.E. for graduation. All PE courses require students to wear a PE uniform consisting of a gold T-shirt with last name on the front, green gym shorts or sweat pants, white socks, and tennis shoes.

Prerequisite–NONE

Grade Level–10 – 12 **Fee–\$15.00 PE uniform**

Physical Education III: For Team Sports Only

ROTC

The Marine Corps Junior Reserve Officers' Training Corps (MCJROTC) program is designed to instill in high school students a value of citizenship, service to the United States, personal responsibility and a sense of accomplishment. It prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities, and privileges as American citizens. The program is a stimulus for promoting graduation from high school, and it provides instruction and rewarding opportunities that will benefit the student, community, and nation. **All ROTC courses are full-year courses.**

ROTC I (1 Credit)/ROTC II (1 Credit): The first year of the program provides cadets with an introduction to both leadership and citizenship. The first year also gives the new cadets exposure to leadership, personal growth, and responsibility and establishes a fundamental understanding of military structure and tradition.

Prerequisite–Student application and interview with instructor

Grade Level–10 – 12

ROTC III (1 Credit)/ROTCIV (1 Credit): The second year continues the leadership and citizenship classes of LE-I. During LE-II the students receive instruction in General Military Subjects with more structure and tradition than in LE-I, as well as the introduction of civilian marksmanship training and land navigation training with the map and compass. The second year also provides additional learning experiences in personal growth and responsibility, as well as citizenship.

Prerequisite–ROTC II, student application, and interview with instructor

Grade Level–10 – 12

Marine Operations I (2 Credits): In the third year MO-1 cadets will begin to use their leadership training as they assume positions of increased authority and responsibility within the program. During this year classes on ethics, marksmanship, personal finances, college/career preparation and other topics are introduced.

Prerequisite–ROTC IV, student application, and interview with instructor

Grade Level–10 – 12

Marine Operations II (2 Credits): The fourth year emphasizes self-study, readings and assistance to the Senior Marine Instructor and Marine Instructor, and is the year when cadets really bring together all their previous learning experience in the MCJROTC program. Senior cadets will conduct formations and inspections, as well as supervise certain training events with younger cadets. They are expected to teach at least one class during their senior year (under the supervision of the Marine Instructors).

Prerequisite–Marine Operations I, student application, and interview with instructor

Grade Level–10 – 12

SCIENCE

AP Biology II: AP Biology is a comprehensive survey of general biology that includes biochemistry, cellular biology, molecular genetics and heredity, biotechnology, diversity, structure and function of organisms, and ecology and evolution. 12 descriptive and experimental lab exercises are a vital part of the experience. College credit may be awarded if the student earns a score of 3 or higher on the AP exam administered for the course. Students will be expected to complete a summer assignment.

Prerequisite–Biology I and Chemistry

Grade Level–11 – 12 Fee–\$110.00 AP fee

AP Chemistry II: (replaces Chemistry II) The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Created by the AP Chemistry Development Committee, the course curriculum is compatible with many Chemistry courses in colleges and universities.

Prerequisite–Chemistry I

Grade Level–11 – 12 Fee–\$110.00 AP fee

AP Environmental Science: The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them.

Prerequisite–NONE

Grade Level–10-12 Fee–\$110.00 AP fee

AP Physics I - Algebra Based: The AP Physics I course focuses on the big ideas in an introductory college level physics course and provides students with enduring, conceptual understandings of foundational physics principles. This approach will enable students to spend less time on mathematical routines and more time engaged in inquiry-based learning of essential concepts, and it will help them develop the critical thinking and reasoning skills necessary to engage in the science practices. *Semester 1 course is not on 5 point GPA scale.

Prerequisite– Algebra II and Chemistry and/or currently enrolled in Advanced Math

Grade Level–12 Fee–\$110.00 AP fee

Biology I: All sophomores at WHS will be scheduled into this required course unless they are scheduled into Biology Honors. This course explores the characteristics and life cycles of organisms and explains their relationships with each other and their environment.

Prerequisite–NONE

Grade Level–10

Biology I (E): This honors course is designed for the more serious, college-bound student. Course content will include all material included in Biology, while taking a more in-depth look at the major biological concepts. Students are required to do independent research and projects.

Prerequisite–Grade of A or B in last science course

Grade Level–10

Biology II: This course is designed for the college-bound student interested in biological sciences. Students will explore advanced topics from cellular biology, biochemistry, biotechnology, genetics, microbiology, plant and animal anatomy, and physiology. Research and advanced laboratory techniques including dissections are emphasized. Can count as fourth science for TOPS requirements.

Prerequisite–Biology I and Chemistry

Grade Level–11 – 12

Chemistry: This course is designed for the college-bound student and covers the following: atomic theory, properties and families of elements; solutions; writing and balancing equations; formulas for compounds; mole weight; valence; electron dot formula; gas laws; ionic reaction and bonding; exothermic and endothermic reactions; isotopes; and organic formulas.

Prerequisite–Physical Science, Biology I, Algebra I, Geometry, Algebra II, and/or currently enrolled in Algebra II

Grade Level–11 – 12

Chemistry I: DE - CCEM 1103 Chemistry I: Students enrolled in this course will also be enrolled at SELU. This course covers the same material as Chemistry I although in greater depth of study. Acceptance into this honors course requires a grade of an A or B in previous Science classes. Students will be expected to complete online homework assignments every two weeks, as well as complete 4 official college tests in order to get college credit.

Prerequisite–Completion of Physical Science, Biology I, Algebra I, Geometry, have taken Algebra II or currently enrolled in Algebra II; to earn college credit, student must have 18 composite and 19 math score on ACT/ PLAN

Grade Level–11 – 12

Fee–Approximately \$25 for computer login and \$150 Dual Enrollment fee

Environmental Science: The course emphasis will be on human relationships to the environment (wastes, energy, ecology, resources, pollution, etc.). Students will perform laboratory activities and complete several projects.

Prerequisite–Physical Science and Biology I

Grade Level–11 – 12

Physical Science: This course provides an introduction to chemistry and physics topics such as the study of matter and the periodic table of elements as well as the study of forces, simple machines, electricity, light and sound.

Prerequisite–NONE

Grade Level–10 – 12

Honors Physics: This course is a lab-based inquiry approach course designed to present a basic college prep class that emphasizes theory and problem-solving equally. The course covers concepts of straight line motion, parabolic motion, circular motion, forms of energy, types of energy transfer, kinetic theory, waves, light theory, and electrical magnetic forces and fields. Class work and lab work are correlated. Scientific calculators are used to solve problems and to create mathematical models. Can count as fourth science for TOPS.

Prerequisite–Algebra II and Chemistry and/or currently enrolled in Advanced Math.

Grade Level–11 – 12

Fee–scientific or graphing calculator

SOCIAL STUDIES

AP Human Geography: (replaces World Geography) In the AP Human Geography course students will learn about the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface; use spatial concepts and landscape analysis to examine human social organization and its environmental processes, and effects of the human population on the planet; learn how to use and interpret maps, data sets, geographic models, GIS, aerial photographs, and satellite images.

Prerequisite–NONE

Grade Level–10 – 12

Fee–\$110.00 AP fee

AP Psychology: AP Psychology is designed to introduce students to the systematic and scientific study of behavior and mental process of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with the major subfields within psychology, including biological bases of behavior, cognitive and emotional processes, and diagnosis and treatment of psychological disorders. Students will also learn about the methods psychologist use in their science and practice. College credit may be awarded if the student earns a score of 3 or higher on the AP exam administered for the course.

Prerequisite–NONE

Grade Level–11 – 12

Fee–\$110.00 AP fee

AP US History: The AP U.S. History course focuses on developing students' understanding of American history from approximately 1491 to the present. Students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods employed by historians when they study the past. Students also explore seven themes throughout the course in order to make connections among historical developments in different times and places. College credit may be awarded if the student earns a score of 3 or higher on the AP exam administered for the course.

Prerequisite–NONE

Grade Level–11

Fee–\$110.00 AP fee

Civics 1st Semester/Civics 2nd Semester: This course provides a study of the rights, duties, and privileges of citizenship in American society with a focus on the structure and function of federal, state, and local government, taxation, and the American Free Enterprise System..

Prerequisite–NONE

Grade Level–10 – 12

Law Studies: In this course students will study the following: the legal system, criminal law, juvenile justice, torts (civil lawsuits), and individual rights and liberties.

Prerequisite–NONE

Grade Level–10 – 12

Psychology: Psychology is a social science that studies individual patterns of behavior. The course will be the beginning of self-knowledge. Topics to be covered are famous psychologists, theories, dreams, deviant behavior, mental disorders, personalities, and developmental stages.

Prerequisite–NONE

Grade Level–11 – 12

U.S. History: This course or American History Honors is required for graduation. This course is a study of the history of the United States from Reconstruction to the present.

Prerequisite–NONE

Grade Level–11

World History: This is a chronological view of history from the earliest civilization to the present. Map work and projects will enrich the class. For the classes of 2016 & 2017, World History is a 4th Social Studies for TOPS. For the classes of 2018 and thereafter, World History is the required 4th social studies for the TOPS University College Diploma.

Prerequisite–NONE

Grade Level–10 – 12

World Geography: This course offers a study of the earth's natural environment. This includes continents, countries, oceans, rivers, lakes, mountains, plains, soil, and weather patterns, important cities and historic features of the past, and history-making features of the future.

Prerequisite–NONE

Grade Level–10 – 12

STEM

AP Computer Science Principles: AP Computer Science Principles is a foundational course for students interested in exploring very basic computer programming, how the internet works, uses for and concerns about big data and privacy, and advances in computer technology.

Prerequisite–NONE

Grade Level–10 – 12

Fee–\$110 AP fee

AP Statistics and AP Computer Science Principles (2 credit course): This course is a combination of AP Statistics and AP Computer Science Principles. Two AP courses for the price of one.

Prerequisite–Algebra II

Grade Level–11 – 12

Fee–\$110 AP fee

Drones - Principles of Engineering (2 credits): Principles of Engineering Technology is a foundational course in the STEM cluster for students interested in learning more about careers in engineering and technology. This course covers basic skills required for engineering and technology fields of study and uses drones to apply this knowledge.

Prerequisite–NONE

Grade Level–10 – 12

Fee–\$20

Robotics Beginner: (Only 15 students accepted at a time due to limitation of Vex Robotic Kits). In this course students will explore the fundamentals of engineering and electronics through the use of robotics. Students will use kits purchased from VEX Robotics to design, build, and program a land-roving robot. This process will take the students through the engineering design cycle, and grant understanding of the various systems that go into a functional robot.

Prerequisite– A or B in Physical Science, A or B in Algebra I, A or B in Geometry and student application with teacher recommendations (see teacher for details)

Grade Level–11 – 12

Robotics Intermediate: (A continuation of Robotics Beginner. Only students who have taken Robotics I can enroll for this course). In the second semester, students will use the knowledge gained from Robotics I to design, fabricate, and control an underwater remotely-operated vehicle (RoV). Through this process, students will gain experience with the use of basic tools, soldering, and application of electronics and simple hydraulics. The RoV design is based upon the regional competition regulations organized by the Marine Advanced Technology Education (MATE) Center. Students will participate as a team to compete against other schools at this competition. By representing their RoVs as a company looking to sell their product, the students will gain entrepreneurial and team management skills.

Prerequisite–Robotics Beginner and student application with teacher recommendations (see teacher for details)

Grade Level–11 – 12

LIVINGSTON PARISH LITERACY AND TECHNOLOGY CENTER COURSES

SCHEDULING

To schedule ANY course at LPLTC, you MUST: You must complete the LPLTC/CNA application at the end of this course guide and turn in to Guidance. (Remember that each LPLTC course is 3 hours of high school credit.) You must also abide by any directions and requirements made by your home school. Some courses require an interview process. When you complete the application, the instructor will use the information to set up a meeting with you at your school. You will be notified no later than May 1 if you are selected.

All courses at LPLTC earn you college credit! Depending on your test scores, you will have the opportunity to earn college credit for the course you take at LPLTC. This is paid for through TOPS Tech which does not cost you anything and is transferable credit!

Dual Enrollment VS Articulated Credit: Students dually enrolled in these courses must have a COMPOSITE score of 15, PLUS a MATH sub-score of 15, PLUS ENGLISH sub-score of 15 on either the ACT or PLAN. If a student does not have these scores, he may still take the course, but will complete the course to earn Articulated Credit. Once the course is completed, the student will bring his transcript to Northshore Technical Community College in May to receive the Articulated Credit on his college transcript.

FEES

ALL students will pay an Instructional/Technology fee of \$20 that covers supplies and the parking fee. This fee is separate from the student's regular class fee. Fees may change depending on any increases in vendor charges.

Automotive Service Technician I and II Class Fee	\$20.00
Computer Service Technician Class Fee	\$15.00
Computer Service Technician CTE Internship Class Fee.....	\$15.00
Criminal Justice Class Fee	\$45.00
(Covers: class supplies and Internship uniform shirt.)	
Emergency Medical Technician Class Fee.....	\$45.00
(Covers: class supplies and Internship uniform shirt.)	
Engineering Technician (ET)	\$20.00
Medical Assistant Class Fee.....	\$50.00
(Covers: one set of scrubs, laboratory and class supplies. Additional fees will be paid to other entities; for example: Background Check Fee of \$20 to the governing municipality.)	
Patient Care Technician Class Fee	\$55.00
(Covers one set of scrubs, laboratory and venipuncture supplies, and sharps disposal. Additional fees will be paid to other entities; for example: Background Check Fee of \$20 to the governing municipality.)	

SEE THE LITERACY AND TECHNOLOGY CENTER WEBSITE FOR A DESCRIPTION OF EACH COURSE <http://lpltc.org/course-layout-1/>. Print and complete application at the end of this course guide and return to WHS Guidance.