

# *Pearl River High School*

## **Course and Curriculum Guide**



**2018-2019**

### **ADMINISTRATION**

**Michael Winkler, Principal**

### **ASSISTANT PRINCIPALS**

**Katie Fuller  
Clark Hershey**

### **GUIDANCE COUNSELOR**

**Veronica Ennis  
Diane Shay**

**39110 Rebel Lane  
Pearl River, Louisiana 70452  
985-863-2591  
[Http://pearlriverhigh.stpsb.org](http://pearlriverhigh.stpsb.org)**

# TABLE OF CONTENTS

Introduction.....	3
Counselors .....	3
LEAP2025 .....	3
Dual Enrollment.....	3
Career and Technical Education Notification.....	3
High School Graduation Options .....	4
Louisiana TOPS Curriculum Information .....	4
Louisiana Jump Start Curriculum Information .....	4
Individual Graduation Plan (IGP) Requirements .....	4
Louisiana TOPS Tech Career Diploma Form .....	5
Individual Graduation Plan (IGP) Form.....	6
Louisiana Graduation Requirements.....	7
TOPS.....	7
Weighted Courses .....	7
Grade Classification .....	8
Louisiana TOPS University Diploma Curriculum Chart.....	9
Louisiana Jump Start Career Curriculum Chart .....	10
PRHS Jump Start Pathways.....	11-26
Course Descriptions.....	27-38
Practice Schedule Chart.....	39
Scheduling Notes.....	40

## INTRODUCTION

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

## COUNSELORS

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

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

## LEAP 2025

The Louisiana Department of Education has implemented the LEAP 2025 assessment program to support consistent and rigorous standards in key high school courses. All incoming freshmen must pass three LEAP 2025 Tests in the following categories to earn a standard diploma: (a) English I or English II; (b) Algebra I or Geometry; and (c) Biology or U.S. History.

## DUAL ENROLLMENT PROGRAM

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

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

## Career and Technical Education

### Annual Public Notification

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

The 504 Coordinator is Cara Barry, 321 N Theard Street Covington, La. 70433; phone (985) 898-3309; email Cara.Barry@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.

## HIGH SCHOOL GRADUATION OPPORTUNITIES

Beginning with the graduating class of 2018, students may choose between two diploma pathways: The TOPS University Diploma or the TOPS Tech Career Diploma. The TOPS University Diploma prepares students for immediate entrance to a four-year Louisiana state university or for a career. The TOPS Tech Career Diploma prepares students for a Louisiana state community college or technical school, or for a career.

**LOUISIANA TOPS UNIVERSITY CURRICULUM** The successful completion of the Louisiana TOPS University Diploma Curriculum requires a minimum of 24 units in specific courses as detailed in this course description guide. **Students completing the TOPS University Curriculum must pass 3 of the 6 LEAP 2025 tests and must meet the FASFA completion requirements to earn a high school diploma.** Students who successfully complete this curriculum will have completed the minimum required curriculum as a component of TOPS eligibility as well as Louisiana public university freshman entrance requirements. Eligibility for TOPS as well as entrance to Louisiana public universities also relies on earning a minimum required GPA as well as minimum required ACT composite scores and sub-scores.

**LA TOPS TECH CAREER CURRICULUM** Tops Tech is the state's *new* initiative for school districts, colleges, and businesses to collaborate in providing *career courses* and *workplace experiences* to high school students, allowing 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 LA TOPS TECH Diploma Curriculum. A sample of this form is on page 5 of this booklet. Students completing the TOPS TECH pathway will be required to take the Work Keys Assessment.

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

## INDIVIDUAL GRADUATION PLAN REQUIREMENTS

By the end of the eighth grade, each student shall develop with the input of his/her family an Individual Graduation Plan (IGP). The purpose of the IGP document and related activities are as follows: explore educational and career opportunities, make appropriate secondary/postsecondary decisions as part of an overall career plan, plan based on the student's talents and interests, and consider graduation requirements relevant to the student's chosen 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. A sample IGP form is on page 6 of this booklet.



**LOUISIANA TOPS TECH CAREER DIPLOMA FORM**

**BEGINNING WITH THE GRADUATING CLASS OF 2018, STUDENTS MAY CHOOSE BETWEEN TWO DIPLOMA PATHWAYS: THE TOPS UNIVERSITY DIPLOMA OR THE TOPS TECH CAREER DIPLOMA. THE TOPS UNIVERSITY DIPLOMA PREPARES STUDENTS FOR IMMEDIATE ENTRANCE TO A FOUR-YEAR LOUISIANA STATE UNIVERSITY OR FOR A CAREER. THE TOPS TECH CAREER DIPLOMA PREPARES STUDENTS FOR A LOUISIANA STATE COMMUNITY COLLEGE OR TECHNICAL SCHOOL, OR FOR A CAREER.**

**BEFORE A STUDENT FINALIZES HIS OR HER DIPLOMA PATHWAY, THE STUDENT, THE STUDENT’S PARENT, GUARDIAN, OR CUSTODIAN WILL CONSULT WITH THE SCHOOL COUNSELOR TO DISCUSS THE STUDENT’S PROGRESS AND DETERMINE WHAT IS IN THE STUDENT’S BEST INTEREST FOR THE CONTINUATION OF HIS/HER EDUCATIONAL PURSUIT AND FUTURE EDUCATIONAL PLAN.**

**CONFERENCE DOCUMENTATION**

**STUDENT NAME:** \_\_\_\_\_ **PARENT(S)/ GUARDIAN(S):** \_\_\_\_\_

**ATTENDING COUNSELOR:** \_\_\_\_\_ **SCHOOL NAME:** \_\_\_\_\_

**DATE STUDENT ENTERED (AS A FIRST-TIME FRESHMAN):** \_\_\_/\_\_\_/\_\_\_ **PATHWAY:** \_\_\_\_\_

**BOTH PARENT AND STUDENT MUST INITIAL THE FOLLOWING REQUIRED STATEMENTS:**

I, \_\_\_\_\_, CHOOSE TO PURSUE THE TOPS TECH CAREER DIPLOMA AND AS SUCH, I FURTHER ACKNOWLEDGE THE FOLLOWING:

PARENT	STUDENT	
_____	_____	THE STUDENT’S PROGRESS AND FUTURE EDUCATION PLAN HAVE BEEN DISCUSSED.
_____	_____	THE STUDENT MAY BE ELIGIBLE TO ATTEND A TWO-YEAR LOUISIANA COMMUNITY OR TECHNICAL COLLEGE.
_____	_____	THE STUDENT MAY BE INELIGIBLE TO ENROLL IN A LOUISIANA FOUR-YEAR PUBLIC COLLEGE OR UNIVERSITY IMMEDIATELY UPON GRADUATION.
_____	_____	THE INDIVIDUAL GRADUATION PLAN (IGP) HAS BEEN REVISED.
_____	_____	THE STUDENT WILL NOT AUTOMATICALLY BE ELIGIBLE FOR A TOPS TECH AWARD. IT IS THE STUDENT’S RESPONSIBILITY TO ENSURE THAT ALL TOPS REQUIREMENTS ARE MET.
_____	_____	I UNDERSTAND THIS STUDENT HAS THE OPTION TO RETURN TO THE LOUISIANA TOPS UNIVERSITY PATHWAY IN CONSULTATION WITH THE PARENT(S)/GUARDIAN(S) AND SCHOOL COUNSELOR. HOWEVER, I UNDERSTAND THAT THE STUDENT MAY NOT BE ELIGIBLE TO GRADUATE IN FOUR YEARS IF HE/SHE RETURNS TO TOPS UNIVERSITY PATHWAY.

**FOR ADULT STUDENTS ONLY**

\_\_\_\_\_, BEING 18 YEARS OF AGE OR OLDER AM REQUESTING PURSUIT OF THE TOPS TECH CAREER DIPLOMA AND HAVE INITIALED THE STATEMENTS ABOVE.

\_\_\_\_\_, I FURTHER ATTEST THAT MY PARENTS HAVE BEEN NOTIFIED OF MY DECISION AND THE CONSEQUENCES.

\_\_\_\_\_, I HAVE READ AND INITIALED ALL THE ABOVE STATEMENTS AND AGREE THAT THE PURSUIT OF THE TOPS TECH CAREER DIPLOMA IS IN MY BEST INTERESTS FOR THE CONTINUATION OF MY EDUCATIONAL PURSUIT AND FUTURE EDUCATIONAL PLANS. FURTHER, I HAVE IN NO WAY BEEN COERCED OR PERSUADED TO ENTER INTO THIS AGREEMENT.

**STUDENT’S SIGNATURE** \_\_\_\_\_

**PARENT(S)/ GUARDIAN(S) SIGNATURE** \_\_\_\_\_

**COUNSELOR’S SIGNATURE** \_\_\_\_\_



**LOCAL REQUIREMENTS FOR GRADUATION**

Since a seven-period day schedule has been funded to enhance educational opportunities for high school students, it is the intent of the STPSB to have students complete four full years of a high school education. Seniors are required to enroll in five (5) classes for credit during both semesters of their senior year. It is recommended that students who wish to get an early start in college participate in concurrent enrollment or Dual Enrollment courses.

**LOUISIANA’S TUITION OPPORTUNITY PROGRAM FOR STUDENTS (TOPS)**

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

The application for the TOPS award begins with filing the free Application for Federal Student Aid (FAFSA). **The FAFSA form must be filed within the deadlines for priority consideration and to avoid penalties. The FAFSA form must be received by the final state deadline set by the TOPS office.** A FAFSA form may be completed over the Internet at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). **It is the student and parent’s responsibility to fill out the FAFSA form and to meet the required deadlines.** *FAFSA completion is required for all 12th grade students.*

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

**LOUISIANA PUBLIC UNIVERSITY ADMISSIONS**

Check with your school counselor and/or the specific institution in which you are interested for requirements.

**WEIGHTED COURSES - (ST. TAMMANY PARISH)**

Weighted grades apply to English, Mathematics, Science, and Social Studies in designated courses of honors, gifted, Advanced Placement, and articulated, non-remedial college courses. A notation will appear on the transcript to indicate which courses were weighted. All students enrolled in weighted courses will receive an extra quality point for an A, B, or C earned in a maximum of 16 weighted courses from the designated weighted courses. **This policy is not applicable to TOPS.**

<b>DESIGNATED WEIGHTED COURSE LIST</b>			
<b>ENGLISH</b>	<b>MATH</b>	<b>SCIENCE</b>	<b>SOCIAL STUDIES</b>
English I (H) (G)	Algebra I (H) (G)	Physical Science (H) (G)	World Geography (H) (G)
English II (H) (G)	Geometry (H) (G)	Chemistry (H) (G)	Civics (H) (G)
English III (H) (AP)	Algebra II (H) (G)	Physics (H) (AP)	American History (H) (AP)
English IV (H) (DE)	Pre-Calculus (H) (DE)	Biology (H) (G)	World History (H) (AP)
	Calculus (H) (DE)	Biology II (H)	Psychology (H) (DE)
		Chemistry II (H) (AP)	Sociology (H) (DE)
		Anatomy & Physiology (H)	

**GRADE CLASSIFICATION**

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

<b>CLASSES</b>	<b>CLASS OF 2012 AND THEREAFTER</b>
Sophomores	5 Units
Juniors	11 Units
Seniors	17 Units
<b>TOTAL UNITS FOR GRADUATION-LA UNIVERSITY DIPLOMA</b>	<b>24 UNITS</b>
<b>TOTAL UNITS FOR GRADUATION-TOPS TECH</b>	<b>23 UNITS</b>



**LOUISIANA TOPS UNIVERSITY DIPLOMA CURRICULUM**

<b>LA TOPS UNIVERSITY DIPLOMA CURRICULUM</b>		
<b>EARNED CREDIT</b>	<b>COURSES</b>	<b>CREDIT NEEDED</b>
	<b>English</b>	<b>4</b>
	English I	1
	English II	1
	English III	1
	English IV	1
	<b>Math</b>	<b>4</b>
	Algebra I	1
	Geometry	1
	Algebra II	1
	Algebra III, Pre-Calculus, or Calculus, Prob & Stat, Functions & Stat	1
	<b>Social Studies</b>	<b>4</b>
	U.S. Government	1
	U.S. History	1
	World History, World Geography, or European History	2
	<b>Science</b>	<b>4</b>
	Biology	1
	Chemistry	1
	Physics, Biology II, Chemistry II, Physics II, Environmental Science, or Physical Science	2
	<b>Physical Education/Health</b>	<b>2</b>
	Physical Education I or JROTC I	1
	Physical Education II or JROTC II	.5
	Health (JROTC I and II will substitute for .5 Health )	.5
	<b>Foreign Language</b>	<b>2</b>
	Must be the same language	2
	<b>Fine Arts</b>	<b>1</b>
	Fine Arts Survey, Art, Music, or Theater, Drafting, Dance	1
	<b>Electives</b>	<b>3</b>
	Electives (3 credits)	3
	<b>TOTAL CREDITS</b>	<b>24</b>

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

**LOUISIANA TOPS TECH CAREER DIPLOMA CURRICULUM**

<b>LA TOPS TECH CAREER DIPLOMA CURRICULUM</b>		
<b>EARNED CREDIT</b>	<b>COURSES</b>	<b>CREDIT NEEDED</b>
	<b>English</b>	<b>4</b>
	English I	1
	English II	1
	English III or Business English	1
	English IV or Technical Writing	1
	<b>Math</b>	<b>4</b>
	Algebra I	1
	Geometry, Algebra II, Math Essentials, Financial Literacy, <b>or</b> Business Math	3
	<b>Social Studies</b>	<b>2</b>
	U.S. Government	1
	U.S. History	1
	<b>Science</b>	<b>2</b>
	Biology	1
	Physical Science, Chemistry, <b>or</b> Environmental Science	1
	<b>Physical Education/Health</b>	<b>2</b>
	Physical Education I or JROTC I	1
	Physical Education II or JROTC II	.5
	Health (JROTC I and II will substitute for .5 Health for Classes of 2014 and subsequent classes)	.5
	<b>Electives</b>	<b>9</b>
	<b>*Shall include minimum courses required to complete LA TOPS TECH Career Diploma with required certification.</b>	9
	<b>TOTAL CREDITS</b>	<b>23</b>

## **CAREER AND TECHNICAL EDUCATION TOPS TECH DIPLOMA**

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

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

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

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

Listed below are the supported TOPS TECH CAREER DIPLOMA Pathways.

<b>State Pathway</b>	<b>Integrated Pathway</b>	<b>Regional Pathway</b>
Carpentry	Agriculture Technician	Business Management
Certified Nursing Assistant	Hospitality, Tourism, Culinary and Retail	Public Service
Emergency Medical Technician	Manufacturing, Construction Crafts, and Logistics	Carpenter’s Helper
Internet Web Foundations	Stem	Workplace Safety
Prostart		Welder’s Helper
Welder		

**TOPS TECH PATHWAYS FOR CAREER AND TECHNICAL EDUCATION**

Pathway Name	Carpenter	Statewide
High-Demand Careers Related to this Pathway	5 Star: First Line Supervisors of Helpers, Laborers and Material Movers, Supervisors of Construction and Extraction Workers 4 Star: Carpenters 3 Star: Cabinetmakers and Bench Carpenters, Drywall and Ceiling Tile Installers 2 Star: Construction Laborers, Carpenters’ Helpers	

SAMPLE SCHEDULE - CARPENTRY				
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Elective Pathway Courses
Algebra I English I U.S. Government P.E. I or JROTC I <i>Agriscience I</i> <i>IBCA</i> <i>Basic Career Readiness</i>	Geometry English II P.E. II/ Health or JROTC II <i>Agriscience II</i> <i>Principles of Bus.</i> <i>Speech I</i> <i>Elective Course</i>	Financial Literacy Business English U.S. History Biology <i>NCCER Carpentry I</i> <i>Elective Course</i>	Business Math Technical Writing <i>NCCER Carpentry II</i> <i>NCCER Welding</i> <i>CTE Internship</i> <i>Elective Course</i>	Accounting Agriscience I , II Basic Career Readiness Basic Technical Drafting CMAD Drafting CTE Internship I CTE Internship II Entrepreneurship I, II First Responder IBCA Law Studies NCCER Carpentry I NCCER Carpentry II NCCER Core NCCER Welding I NCCER Welding II Principles of Business Speech I Speech II
7 credits	7 credits	7 credits	7 credits	
Credential Earned	Advanced Credential - NCCER Carpentry Level 2 Basic Credential – NCCER Carpentry Level 1			
<p><b><i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i></b>  <b><i>Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.</i></b></p>				

Pathway Name	Certified Nurse Assistant (CNA)	Statewide
High-Demand Careers Related to this Pathway	5 Star: Medical and Health Service Managers; LPN; RN 3 Star: Medical Records and Health Information Technicians; Health Science Teachers; Medical Transcriptionist 2 Star: Medical Secretaries; Office Clerks; Receptionists and Information Clerks; Home Health Aides; Nursing Aides; Orderlies; & Attendants	

SAMPLE SCHEDULE CERTIFIED NURSE ASSISTANT (STATEWIDE GRADUATION PATHWAY)				
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Elective Pathway Courses
Algebra I English I Environmental Sc. U.S. Government P.E. I or JROTC I <i>Speech I</i> <i>Basic Career Readiness</i>	Geometry English II <i>Health Science I</i> P.E. II / Health or JROTC II <i>Nutrition and Food/ Adv. Nut. &amp; Food</i>	Financial Literacy Business English U.S. History Biology <i>Health Science II</i> <i>First Responder</i> <i>Elective Course</i>	Business Math Technical Writing <i>Certified Nurse Assistant/ EKG)</i> <i>CTE Internship II</i> <i>Elective Course</i>	Accounting I Advanced Nutrition and Foods BCA Basic Career Readiness Certified Nursing Assistant Child Development CTE Internship I CTE Internship II EKG I Entrepreneurship I, II First Responder Health Science I Health Science II IBCA Emergency Medical Technology Law Studies Nutrition & Food Principles of Business Psychology Speech I, II
7 credits	7 credits	7 credits	7 credits	
Credential Earned	Certified Nurse Aide – Department of Health and Hospitals, Health Standards Section			
<p><b><i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i></b></p> <p><b><i>Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.</i></b></p>				

<b>Pathway Name</b>	<b>Emergency Medical Tech</b>	<b>Statewide</b>
High-Demand Careers Related to this Pathway	4 Star: Emergency Medical Technicians & Paramedics 3 Star: Emergency Management Directors 2 Star: Ambulance Drivers and Attendants	

<b>SAMPLE SCHEDULE – EMERGENCY MEDICAL TECH</b>				
<b>9<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>	<b>Elective Pathway Courses</b>
Algebra I English I Environmental Sc. U.S. Government P.E. I or JROTC I <b>IBCA</b> <b>Basic Career Readiness</b>	Geometry English II <b>Health Science I</b> P.E. II / Health or JROTC II <b>Elective Course</b>	Financial Literacy Business English U.S. History Biology <b>Health Science II</b> <b>First Responder</b> <b>Elective Course</b>	Business Math Technical Writing <b>Emergency Medical Tech Basic</b> <b>CTE Internship II</b> <b>Elective Course</b>	Accounting I Advanced Child Development Advanced Nutrition and Foods Basic Career Readiness Certified Nursing Assistant Child Development CTE Internship I, II EKG Emergency Medical Technician Basic Entrepreneurship I, II First Responder Health Science I, II IBCA Law Studies Nurse Assistant Nutrition & Food Principles of Business Psychology Speech I,II
7 credits	7 credits	7 credits	7 credits	
Credential Earned	Emergency Medical Responder – Department of Health and Hospitals – Emergency Medical Services Section			
<p><b><i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i></b></p> <p><b><i>Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.</i></b></p>				

Pathway Name	ProStart / Restaurant (including ServSafe)	Statewide
High-Demand Careers Related to this Pathway	5 Star: General & Operations Managers in Food Service; Market Managers 4 Star: Chefs & Head Cooks; Dietitians & Nutritionists; Food Service Managers 3 Star: Food Science Technicians; First-Line Supervisors of Food Preparation & Serving Workers; Food Scientists & Technologists	

SAMPLE SCHEDULE – PROSTART/RESTAURANT				
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Elective Pathway Courses
Algebra I English I Environmental Sc. U.S. Government P.E. I or JROTC I <b>FACS</b> <b>Basic Career Readiness</b>	Geometry English II <b><i>Nutrition &amp; Food/ Adv. Nut. &amp; Food</i></b> P.E. II/ Health or JROTC II <b><i>Elective Course</i></b>	Financial Literacy Business English U.S. History Biology <b><i>ProStart I</i></b> <b><i>Meat Processing</i></b>	Business Math Technical Writing <b><i>ProStart II</i></b> <b><i>CTE Internship I</i></b> <b><i>First Responder</i></b> <b><i>Elective Course</i></b>	Accounting I Advanced Nutrition & Food AgriScience I, II* Basic Career Readiness CTE Internship I, II Entrepreneurship I, II FACS I, II First Responder Health Science I, II IBCA Law Studies Meat Processing Nutrition & Food Principles of Business ProStart I, II Speech I, II
7 credits	7 credits	7 credits	7 credits	
Credential Earned	<b><u>BASIC:</u></b> Certificate: ProStart National Certificate of Achievement <b><i>and</i></b> ServSafe Food Protection Manager Certificate, National Restaurant Association			
<b><i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i></b> <b><i>Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway</i></b>				

Pathway Name	Welder	Statewide
High-Demand Careers Related to this Pathway	5 Star: Welders, Cutters, Solderers, Brazers, Plumbers, Pipefitters, Steamfitters, Industrial Machine Mechanics 4 Star: Boilermakers, Maintenance and Repair Workers, Sheet Metal Workers, Structural Metal Fabricators and Fitters	

SAMPLE SCHEDULE – WELDER				
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Elective Pathway Courses
Algebra I English I U.S. Government P.E. I or JROTC I <b>IBCA</b> <b>Basic Career Readiness</b> <b>Agriculture I</b>	Geometry English II <b>Agriculture II</b> P.E. II / Health or JROTC II <b>Elective Course</b>	Financial Literacy Business English U.S. History Biology <b>NCCER Welding I</b> <b>Elective Course</b>	Business Math Technical Writing <b>NCCER Welding-II</b> <b>NCCER Carpentry I</b> <b>Elective Course</b>	Accounting AgriScience I AgriScience II* Basic Career Readiness Basic Technical Drafting CMAD Drafting CTE Internship I, II Entrepreneurship I, II First Responder IBCA Law Studies NCCER Carpentry I, II NCCER Welding I, II Principles of Business Speech I, II
7 credits	7 credits	7 credits	7 credits	
Credential Earned	Advanced Credential: NCCER Welding Level 2 or above			
	Basic Credential: NCCER Welding Level 1			
<b><i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway. Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.</i></b>				



Pathway Name	Agriculture Technician	Integrated
High-Demand Careers Related to this Pathway	5 Star: Service Unit Operator; Heating, Air Conditioning & Refrigeration Mechanic & Installer; Cost Estimator; Inspector, Mechanical Engineer; Welder; plus various 5 Star construction craft careers 4 Star: Derrick Operators; Rotary Drill Operator; Roustabouts; Bus & Truck Mechanic; Diesel Engine Specialist; Farm Equipment Mechanic and Service Technician; Landscape Architect; Farmer; Rancher; AgriScience Teacher 3 Star: Agriculture Inspector; Engine & Other Machine Assembler; First Line Supervisor of Farming, Fishing, & Forestry Workers 2 Star: Construction Laborer; Farmworker; AgriScience Teacher; Outdoor Power Equipment Mechanic; Meat Poultry, & Fish Cutter; Farmworker; Crop, Nursery, & Greenhouse Laborer	

**SAMPLE SCHEDULE – AGRICULTURE TECH – INTEGRATED**

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Elective Pathway Courses
Algebra I English I U.S. Government P.E. I or JROTC I <i>Basic Career Readiness</i> <i>IBCA</i> <i>Agriscience I</i>	Geometry English II <i>Agriscience II</i> P.E. II / Health or JROTC II <i>Elective Course</i>	Financial Literacy Business English U.S. History Biology <i>NCCER Welding I*</i> <i>Meat Processing</i>	Business Math Technical Writing <i>NCCER Welding II</i> <i>CTE Internship I</i> <i>CMAD Drafting</i> <i>Entrepreneurship or Principles of Business</i>	Accounting AgriScience I, II Basic Career Readiness Basic Tech. Drafting CMAD Drafting CTE Internship I, II Entrepreneurship I, II First Responder IBCA Law Studies Meat Processing NCCER Carpentry I, II NCCER Core NCCER Welding I, II Principles of Business Speech I, II
7 Credits	7 Credits	7 Credits	7 Credits	

**REQUIRED CREDENTIALS**

**Regional Core Credential – Must Earn 1**

Certified Nursery & Landscape Professional Landscape Horticultural License	Meat Processing (Louisiana Meat Packers Assoc.) Welder’s Helper Module Completion (1 <sup>st</sup> four modules AWS lev. 1)
---	--

**Complementary credentials – Must Earn 2**

Microsoft Word, Excel, PPT	OSHA 10	WorkKeys Silver
First Aid/CPR/AED	NCCER Core (NCCER)	Customer Service

*Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway  
 Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway*

Pathway Name	Hospitality, Tourism, Culinary and Retail	Integrated
High-Demand Careers Related to this Pathway	<p><b>Hospitality: 5 Star</b> – General and Operations Manager; 4 Star – Food Service Manager; Lodging Manager; 3 Star – Customer Service Representative; First-Line Supervisor of Food Prep and Serving Workers, Housekeeping and Janitorial Workers, Personal Service Workers</p> <p><b>Tourism: 4 Star</b> – Lodging Manager; 2 Star – Hotel Desk Clerk; Tour Guide and Escort; Travel Agent</p> <p><b>Culinary: 4 Star</b> – Food Service Manager; Chefs and Head Cook; 3 Star – First Line Supervisor of Food Prep and Serving Workers</p> <p><b>Retail: 5 Star:</b> Sales Manager; 4 Star: First-Line Supervisor of Retail Workers. Also: Store Manager, Assistant Store Manager</p>	

SAMPLE SCHEDULE – HOSPITALITY, TOURISM, CULINARY AND RETAIL				
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Elective Pathway Courses
Algebra I English I Environmental Sc. U.S. Government P.E. I or JROTC I <b><i>Basic Career Readiness Speech I</i></b>	Geometry English II <b><i>Nutrition &amp; Food/ Adv. Nut. &amp; Food</i></b> P.E. II / Health or JROTC II <b><i>Elective Course</i></b>	Financial Literacy Business English U.S. History Biology <b><i>ProStart I Elective Course</i></b>	Business Math Technical Writing <b><i>ProStart II CTE Internship I First Responder Entrepreneurship or Principles of Business</i></b>	Accounting I Advanced Food and Nutrition Ag Science I Basic Career Readiness CTE Internship I,II Entrepreneurship I, II FACS I,II First Responder Food and Nutrition Health Science I, II IBCA Law Studies Nutrition & Food Principles of Business ProStart I, II Speech I, II
7 credits	7 credits	7 credits	7 credits	
REQUIRED CREDENTIALS				
Core Credentials – Must Earn 1				
ServSafe Food Protection Manager		Customer Service		
Complementary Credentials – Must Earn 2				
Microsoft Word, Excel, PPT		OSHA 10		
First Aid/CPR/AED		WorkKeys Silver		
<b><i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i></b>				
<b><i>Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.</i></b>				

Pathway Name	Manufacturing, Construction Crafts, and Logistics	Integrated
High-Demand Careers Related to this Pathway	5 Star: Service Unit Operator; Heating, Air Conditioning & Refrigeration Mechanic & Installer; Cost Estimator; Inspector, Mechanical Engineer; Welder 4 Star: Derrick Operators; Rotary Drill Operator; Roustabouts; Bus & Truck Mechanic; Diesel Engine Specialist; Farm Equipment Mechanic and Service Technician; AgriScience Teacher 3 Star: Engine & Other Machine Assembler Also: Industrial Engineering Technicians, Petroleum Pump Systems Operators, Refinery Operators, Chemical Plant and System Operators, Maintenance Workers, Electricians, Construction Managers, Machinists, Mechanical Drafters	

SAMPLE SCHEDULE – MANUFACTURING, CONSTRUCTION CRAFTS, AND LOGISTICS				
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Elective Pathway Courses
Algebra I English I U.S. Government P.E. I or JROTC I <i>IBCA</i> <i>Basic Career Readiness</i> <i>Agriscience I</i>	Geometry English II P.E. II/ Health or JROTC II <i>Agriscience II</i> <i>Elective</i>	Financial Literacy Business English U.S. History Biology <i>Carpentry I or Welding I</i> <i>Basic Drafting</i>	Business Math Technical Writing Entrepreneurship <i>CMAD</i> <i>Carpentry II or Welding II</i> <i>First Responder</i>	Accounting Agriculture II Basic Career Readiness Carpentry I, II Entrepreneurship I, II First Responder IBCA Law Studies NCCER Core Principles of Bus.
7 credits	7 credits	7 credits	7 credits	JROTC III, IV Speech I, II Welding I, II
CREDENTIALS EARNED				
Basic Statewide Credential-Earn 1		Regional Credential		
NCCER Carpentry I		Core Credential – Must Earn 1		
NCCER Welding Level I		Emergency Medical Responder, FEMA,		
ADDA Apprentice Drafter		NCCER Core and Carpentry or Welder Helper Modules		
Complementary Credentials – Must Earn 2				
		Microsoft Word, Excel, PPT	WorkKeys Silver	
		First Aid/CPR/AED	Customer Service	
		NCCER Core	OSHA 10 General Industry	
<b>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</b> <b>Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway</b>				

Pathway Name	Internet Web Foundation	Integrated
High-Demand Careers Related to this Pathway	5 Star: Network & Computer Systems Administrators; Computer & Information Systems Managers; Computer Programmer; General & Operations Managers; Software Developers 4 Star: Computer Network Support Specialist; Graphic Designers; Web Designer	

SAMPLE SCHEDULE – Internet Web Foundation				
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Elective Pathway Courses
Algebra I English I Environmental Sc. U.S. Government P.E. I or JROTC I <b>IBCA</b> <b>Basic Career Readiness</b>	Geometry English II P.E. II/ Health or JROTC II <b>Creative Coding in Games and Apps</b> <b>Elective</b>	Financial Literacy Technical Writing U.S. History Biology <b>First Responder</b> <b>Welding I or Carpentry I</b> <b>Basic Tech. Draft.</b>	Business Math Business English <b>Entrepreneurship or Principles of Bus.</b> <b>Carpentry II or Welding II</b> <b>CMAD</b> <b>Elective</b>	Accounting Agriculture I, II Basic Career Readiness Basic Tech Drafting Entrepreneurship I, II First Responder IBCA Law Studies Principles of Bus. JROTC III, IV Speech I, II Welding I, II
7 Credits	7 Credits	7 Credits	7 Credits	
CREDENTIALS EARNED				
REQUIRED BASIC STATEWIDE CREDENTIAL		REGIONAL CREDENTIAL		
CIW Internet Business Associate Certification		Core Credential – Must Earn 1		
		Complementary Credentials – Must Earn 2		
		Microsoft Word, Excel, PPT	WorkKeys Silver	
		OSHA 10	First Aid/CPR/AED	
		OSHA 10		
<b>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</b> <b>Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway</b>				

Pathway Name	STEM	Integrated
High-Demand Careers Related to this Pathway	5 Star: Chemical Engineers, Chemists, First-Line Supervisors of Production and Operating Workers 4 Star: Biochemists and Biophysicsts, Chemical Equipment Operators, Chemical Plant and System Operators, Chemical Technicians, Engineers	

SAMPLE SCHEDULE - STEM				
9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>	Elective Pathway Courses
Algebra I English I Environmental Sc. U.S. Government P.E. I or JROTC I <b>IBCA</b> <b>Basic Career</b> <b>Readiness</b>	Geometry English II P.E. II/ Health or JROTC II <b>NCCER Core</b> <b>Speech I</b> <b>Elective</b>	Financial Literacy Business English U.S. History Biology <b>Carpentry I OR</b> <b>Welding I</b> <b>Basic Tech. Draft.</b>	Business Math Technical Writing <b>Entrepreneurship OR</b> <b>Principles of Business</b> <b>Carpentry II OR</b> <b>Welding II</b> <b>CMAD</b> <b>Elective</b>	Accounting I Agriculture II Basic Tech. Draft. Basic Career Readiness Carpentry I, II CMAD Entrepreneurship I, II First Responder IBCA Law Studies NCCER core Principles of Bus. JROTC III, IV Speech I, II Welding I, II
7 credits	7 credits	7 credits	7 credits	
<b>CORE CREDENTIAL – MUST EARN 1</b>				
NCCER Core and Carpentry or Welder Helper Modules				
<b>COMPLEMENTARY CREDENTIALS – MUST EARN 2</b>				
Microsoft Word, Excel, PowerPoint			WorkKeys Silver	
OSHA 10 General Industry			First Aid/CPR/AED	
<b>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</b> <b>Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway</b>				

Pathway Name	Business Management	Regional
High-Demand Careers Related to this Pathway	<p><b><u>Retail Management</u></b> – 5 Star: Sales Managers; 4 Star: First-Line Supervisors of Retail Workers. Also: Store Managers, Assistant Store Managers.</p> <p><b><u>Business Administration</u></b> – 5 Star: Administrative Services Manager, Supervisor of Office Workers, Financial Managers. Also: Customer Service Representative, Office Supervisor, Operations Manager, Administrative Service Manager, Management Analyst</p> <p><b><u>Hospitality Management</u></b> - 5 Star – General and Operations Managers; 4 Star – Food Service Managers; Lodging Managers;</p>	

SAMPLE SCHEDULE – BUSINESS MANAGEMENT				
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Elective Pathway Courses
Algebra I English I Environmental Sc. U.S. Government P.E. I or JROTC I <i>Speech I</i> <i>Basic Career</i> <i>Readiness</i>	Geometry English II <i>Speech II</i> P.E. II/ Health or JROTC II <i>Elective</i>	Financial Literacy Business English U.S. History Biology <i>First Responder</i> <i>Entrepreneurship</i> <i>Elective</i>	Business Math Technical Writing <i>Accounting I</i> <i>CTE Internship II</i> <b>Principles of Business</b> <b>Elective</b>	Accounting I Ag Science I Basic Career Readiness Business Education Elective CTE Internship I, II Entrepreneurship I, II First Responder IBCA Law Studies JROTC III, IV Principals of Business Speech I, II
7 Credits	7 Credits	7 Credits	7 Credits	
<b>REQUIRED CREDENTIALS</b>				
<b>Core Credential – Must Earn 1</b>				
Customer Service and Sales				
<b>Complementary Credentials – Must Earn 2</b>				
Microsoft Word, Excel, PowerPoint			WorkKeys Silver	
First Aid/CPR/AED			OSHA 10 General Industry	
<p><b>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</b>  <b>Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.</b></p>				

<b>Pathway Name</b>	<b>Carpenter’s Helper</b>	Regional
High-Demand Careers Related to this Pathway	5 Star: First Line Supervisors of Helpers, Laborers and Material Movers, Supervisors of Construction and Extraction Workers 4 Star: Carpenters 3 Star: Cabinetmakers and Bench Carpenters, Drywall and Ceiling Tile Installers 2 Star: Construction Laborers, Carpenters’ Helpers	

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Elective Pathway Courses
Algebra I English I U.S. Government P.E. I or JROTC I <i>IBCA</i> <i>Basic Career Readiness</i> <i>Agriculture I</i>	Geometry English II P.E. / Health or JROTC II <i>NCCER Core</i> <i>Agriculture II</i> <i>Elective</i>	Financial Literacy Business English U.S. History Biology <i>Carpentry I or</i> <i>Welding I</i> <i>Basic Tech Drafting</i>	Business Math Technical Writing <i>Carpentry II or</i> <i>Welding II</i> <i>CMAD</i> <i>Elective</i> <i>Elective</i>	Accounting Agriculture II Basic Career Readiness Basic Tech. Drafting Carpentry I, II CMAD Entrepreneurship I, II First Responder IBCA NCCER Core Principles of Business JROTC III, IV Speech I, II
7 Credits	7 Credits	7 Credits	7 Credits	

**REQUIRED CREDENTIALS**

**Core Credential – Must Earn 1**

NCCER Core **AND** NCCER Carpenter Level 1 Modules 1, 2, 3, 4, 6

**Complementary Credentials – Must Earn 2**

Microsoft Word, PPT, Excel

WorkKeys – Silver

OSHA 10 – General Industry

**Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway**  
**Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.**

Pathway Name	Public Service	Regional
High-Demand Careers Related to this Pathway	5 Star: Lawyer 4 Star: Correctional Officer and Jailer, First-Line Supervisor of Correctional Officers, First-Line Supervisor of Police and Detective, Police and Sheriff’s Patrol Office, Probational Officer, Correctional Treatment Specialist, Dispatcher 3 Star: Court, Municipal and License Clerk, Police, Fire and Ambulance Dispatcher	

Sample Schedule Public Service				
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Elective Pathway Courses
Algebra I English I Environmental Sc. U.S. Government JROTC I <i>Speech I</i> <i>Basic Career Readiness</i>	Geometry English II JROTC II <i>Speech II</i> <i>First Responder</i> Elective	Financial Literacy Business English Biology <i>JROTC III</i> <i>Entrepreneurship</i> <i>Law Studies</i> <i>Elective Course</i>	Business Math Technical Writing <i>JROTC IV</i> <i>CTE Internship II</i> <i>Forensic Science</i> <i>Elective Course</i>	Basic Career Readiness Child Development CTE Internship I, II Entrepreneurship I, II First Responder Forensic Science* Foreign Language (any foreign language) IBCA Law Studies Speech I, II
7 credits	7 credits	7 credits	7 credits	
REQUIRED CREDENTIALS				
Core Credentials – Must Earn 1				
FEMA – IS-0700.A – National Incident Management System				
Complementary Credentials – Must Earn 2				
Microsoft Word, PowerPoint, Excel			WorkKeys Silver	
First Aid/CPR/AED			Customer Service	
First Responder				
<b><i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway .                      Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway</i></b>				



Pathway Name	Welder's Helper	Regional
High-Demand Careers Related to this Pathway	Helper positions in the Manufacturing trades: Tack Welder, T-Joint Welder, Grinder Assistant, Rod Identifier/Runner, Maintenance Assistant 5 Star: Welders, Cutters, Solderers, Brazers, Plumbers, Pipefitters, Steamfitters, Industrial Machine Mechanics 4 Star: Boilermakers, Maintenance and Repair Workers, Sheet Metal Workers, Structural Metal Fabricators and Fitters	

Sample Schedule – Welder's Helper				
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Elective Pathway Courses
Algebra I English I U.S. Government P.E. I or JROTC I <b><i>IBCA</i></b> <b><i>Basic Career Readiness</i></b> <b><i>Agriculture I</i></b>	Geometry English II <b><i>Agriculture II</i></b> P.E. II / Health or JROTC II <b>NCCER Core</b> <b>Elective</b>	Financial Literacy Business English English III U.S. History Biology <b><i>NCCER Welding I</i></b> <b>Elective</b>	Business Math Technical Writing Business English <b><i>NCCER Welding II</i></b> <b><i>Basic Technical Drafting</i></b> <b><i>First Responder</i></b> <b>Elective</b>	Accounting AgriScience II CTE Internship I, II Basic Career Readiness Basic Technical Drafting CMAD Entrepreneurship I, II First Responder IBCA Law Studies NCCER Carpentry I, II NCCER Core NCCER Welding I, II Principles of Business Speech I, II
7 credits	7 credits	7 credits	7 credits	
<b>REQUIRED CREDENTIALS</b>				
<b>Core Credential – Must Earn 1</b>				
NCCER Core <b>AND</b> NCCER Welding Partial Completion (Modules 1, 2, 3, 5, 7, 8, 10)				
<b>Complementary Credentials – Must Earn 2</b>				
Microsoft Word, Excel, PowerPoint			WorkKeys - Silver	
OSHA 10			First Aid/CPR/AED	
<b><i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway</i></b>				

Pathway Name	Workplace Safety	Regional
High-Demand Careers Related To this Pathway	Multiple careers in constructions, manufacturing and related industrial careers; also applicable to selected hospitality and retail careers 5 Star: Welders, Cutters, Solders, Braziers, Plumbers, Pipefitters, Steamfitters, Industrial Machine Mechanics; General and Operations Manager, Sales Manager 4-Star: Boilermakers, Maintenance and Repair Workers, Sheet Metal Workers, Structural Metal Fabricators and Fitters; Food Service Manager, Lodging Manager, First-Line Supervisor of Retail Workers, Store Manager, Assistant Store Manager	

Sample Schedule – Workplace Safety				
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Elective Pathway Courses
Algebra I English I U.S. Government P.E. I or JROTC I IBCA <i>Basic Career Readiness Agriculture I</i>	Geometry English II Biology <i>Agriculture II</i> P.E. II / Health or JROTC II <i>Speech I</i> <i>NCCER Core</i>	Financial Literacy Business English U.S. History <i>NCCER Carpentry I</i> <i>Elective</i> <i>Elective</i>	Business Math Technical Writing <i>First Responder</i> <i>NCCER Carpentry II</i> <i>Internship I</i> <i>Elective</i>	Accounting I AgriScience II Basic Career Readiness Basic Technical Drafting CTE Internship I, II Entrepreneurship I, II First Responder IBCA JROTC III, IV Law Studies Medical Terminology NCCER Carpentry I, II NCCER Core NCCER Welding Tech I, II Principles of Business Speech I, II
<b>REQUIRED CREDENTIALS</b>				
<b>Core Credentials – Must Earn All 3</b>				
NCCER Core OSHA 10 First Aid/CPR/AED				
<b>Bold italicized courses count as one of the required 9 Carnegie credits for graduation via this pathway. Courses that count towards an academic requirement cannot also count towards the requirement of 9 Carnegie credits for a graduation pathway.</b>				

**AGRISCIENCE**

***Completion of Agriscience I and Agriscience II can substitute for Environmental Science for the TOPS University curriculum.***

**Agriscience I**  
**AG SCI I A; AG SCI I B**  
**Grade 9**  
**1 year elective**

This course provides students with basic knowledge of the history and science applications in agriculture. The course includes units in animal science, soil science, plant science, agricultural mechanics, basic carpentry, food science technology, and agricultural leadership. Supervised Agricultural Experience (SAE) and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. This is the first course required to complete the statewide Agri-Tech IBC.

**Agriscience II**  
**AG SCI II A; AG SCI II B**  
**Grade 10**  
**1 year elective**

**Prerequisite: Agriscience I**  
 This course provides students with a more in-depth understanding of agriculture and science applications in agriculture, building on the prior knowledge obtained in Agriscience I. The course includes units in animal science, soil science, plant science, agricultural mechanics, and agricultural leadership. Supervised agricultural experience (SAE) programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. This is the Second course required to complete the statewide Agri-Tech IBC.

**Agriscience III**  
**AG SCI III A; AG SCI III B**  
**1 year elective**  
**Prerequisite: Agriscience II**

**Louisiana Agritechnology IBC**  
 This course is an advanced study in Agriscience based upon the local agricultural workforce and economic needs of the community. The major

areas of study should include personal development skills, animal systems, plant systems, environment issues, and mechanical skills. Supervised Agricultural Experience (SAE) programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. This is the final course required to complete the statewide Agri-Tech IBC.

**Meat Processing**  
**MEAT PROCESS A; MEAT PROCESS B**  
**Grades 11, 12**  
**Prerequisite: Agriscience II**  
**1 year elective**

**Meat Processing Certification**  
 This course is designed to train students how to properly process meat and meat by products. Students will be trained in sanitation, processing techniques, and HACCP / Serv-Safe. This course is a stand-alone course for the Louisiana Meat Processing IBC which will be administered at the end of the course.

**ART**

**Art I**  
**ART I A; ART I B**  
**Grades 9-12**  
**1 year elective**

**TOPS University Art Elective**  
 This course is an introduction to the field of art. Areas of instruction are based on building understanding of the elements and principles of visual arts. Student projects will include pencil and ink drawing, painting, etching, chalk and oil pastels, and art appreciation.

**Art II**  
**ART II A; ART II B**  
**Grades 10-12**  
**1 year elective**

**Prerequisites: Art I and teacher approval.**  
 This course provides individual instruction to extend skill and knowledge of the basic principles of art. Student projects will center on drawing, painting, media exploration, 3D sculpture and further developing skills learned in Art I.

**Art III**  
**ART III A; ART III B**  
**Grade 11, 12**  
**1 year elective**  
**Prerequisites: Art I & II**

This course offers individualized instruction for students who wish to pursue and develop advanced skills in art. The student will explore all mediums including 2D and 3D art, focusing on independent projects and developing concepts.

**Art IV**  
**ART IV A; ART IV B**  
**Grade 12**  
**1 year elective**

**Prerequisites: Art I, II, & III**  
 Art IV helps the serious art student fine tune their creative skills and develop portfolios of quality work for college admissions. Students in Art IV will also assist in set design/painting for school theatre production.

**Fine Arts Survey-Art**  
**FN ART SUR A; FN ART SUR B**  
**Grades 9-12**  
**1 year elective**

**TOPS University Art Elective**  
 This course is an introduction to visual arts, the development, history, philosophy, elements and principles of art, and the production of artwork in various media. The course partially fulfills the requirements for the TOPS scholarship. It should be taken opposite Fine Arts Survey-Music.

**BUSINESS**

**Accounting I**  
**ACCT I**  
**Grades 11-12**  
**1 year elective**

This course is an introduction to basic accounting theory and procedures along with applications of computer technology in accounting. Simulations and projects are provided for application of accounting principles.

**Entrepreneurship I**  
**ENTREPREN A; ENTREPREN B**  
**Grade 10-12**  
**1 year elective**

**Customer Service Certification**  
 This course is designed to prepare the student for the role of support staff in a business sector. Emphasis is placed on the integration of business and communication concepts and skills necessary to prepare students to become members of the workforce. Oral and written communications, time management, decision-making, interpersonal, critical-thinking, problem-solving, and technology skills are reinforced in this course through business application projects.

**Entrepreneurship II**

**ENTREPREN IIA; ENTREPRENII B  
Grade 11-12**

**1 year elective**

**Advanced Micro Enterprise Industry Based Certification**

Using real-life applications, students will be guided step-by-step through the entire process of owning their own business including developing a business plan for a mock business. Upon completion, the student will be eligible to test for the

**Principles of Business**

**PRINC OF BUS A; PRINC OF BUS B  
Grade 9-12**

**1 year elective**

**Micro Enterprise Certification**

This introductory course provides students with a basic framework for understanding the development and structure of American business, business management and organization, human resources management, marketing, finance and information resources.

**CAREER EDUCATION**

**Basic Career Readiness**

**BAS CAR READ A;BAS CAR READ B  
1 Elective Credit**

**Grades 9-10**

**1 year elective**

This course provides students the opportunity to develop introductory workplace behaviors and communication skills. The course emphasizes career pathways offered in St. Tammany Parish, career exploration, soft skills, post-secondary options, personal financial literacy and self-assessment/personal goals for high school.

**Advanced Career Readiness**

**ADV CAR READ A; ADV CAR READ B  
1 Elective Credit**

**Grades 11-12**

**1 year elective**

**OSHA10 certification**

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

**Internship I**

**INTERNSHIP**

**1 year elective; 2 credit course**

**2 Hour Block-Off Campus**

**Grade 12**

The internship is designed to provide career and technical education for a student, through opportunities to apply learned skills in the workplace. The student has the opportunity to consider a single potential career or combination of careers they may be considering. Emphasis will be placed on developing interpersonal skills, work ethics, relevant skills of the workplace, and an understanding of the selected career field of study. **Student MUST provide their own transportation to internship site.**

**ENGLISH**

**English I**

**ENG I A; ENG I B**

**Grade 9**

**1 year required**

By using thematic units, the student will be expected to read and respond to various genres including novels, develop vocabulary skills, and write organized, coherent paragraphs as a well as multi-paragraph compositions. The student will be instructed on Standard Formal English rules of grammar, mechanics, and usage. Students will also develop speaking, listening, and problem-solving skills. Students will learn and implement research skills in their writing activities. **Students are required to take and pass the LEAP 2025 Assessment.**

**English I (Special Education)**

**Eng I (R) A; Eng I (R) B**

**Grade 9**

**1 year required course**

Special Education Evaluation Required **Students are required to take and pass the LEAP 2025 Assessment.**

**English I (Honors)**

**ENG I (H) A; ENG I (H) B**

**Grade 9**

**1 year required**

**By teacher/administrator recommendation**

By using thematic units, the student will read and respond to various genres including novels and works of non-fiction, develop vocabulary skills, and write organized, coherent multi-paragraph compositions. The student will review Standard Formal English rules of grammar, mechanics, and usage. Students will also develop speaking, listening, and problem-solving skills. Students will learn and implement research skills in their writing activities, culminating in a research project.

**Students are required to take and pass the LEAP 2025 Assessment.**

**English I (Gifted)**

**ENG I (G) A; ENG I (G) B**

**Grade 9**

**1 year required**

**\*Gifted Evaluation Required**

This course provides an introduction to different genres, critical analyses, and discussions of those genres. The student will apply actual as well as inferential and evaluative reading skills through the study of literature. Writing assignments will build on the writing process including appropriate use of grammar and mechanics in Standard English usage. Factual as well as inferential and evaluative questioning techniques will be utilized throughout the study of works of literature. The student will gather and critique samples of their best works in writing portfolios. **Students are required to take and pass the LEAP 2025 Assessment.**

**English II**

**ENG II A; ENG II B**

**Grade 10**

**1 year required**

By following a series of units, the student will read and respond to various genres of literature, including (but not limited to) fictional short stories, non-fiction memoirs, poetry, and plays. Unit instruction will focus on the following skills: literary analysis, expository and persuasive writing, grammar in the context of writing, public speaking, and active listening. Students will select and evaluate information to complete a series of literary analysis essays and/or projects in which they will properly cite their sources. **Students are required to take and pass the LEAP 2025 Assessment.**

**English II (Special Education)**

**Eng II (R) A; Eng II (R) B**

**Grade 10**

**1 year required course**

Special Education Evaluation Required **\* Students are required to take and pass the LEAP 2025 Assessment.**

**English II (Honors)**

**ENG II (H) A; ENG II (H) B**

**Grade 10**

**1 year required**

**Recommendation: "B" average or better in English I and teacher recommendation.**

Honors students must meet the requirements of on-level English II

students and complete additional requirements. Much like the on-level course, English II Honors will expose students to the various literary genres and focus on skills ranging from analysis to persuasive writing to oral presentations. Honors students will learn MLA format and compose documented papers following its guidelines. The primary differences between the on-level course and the honors course are that the honors students will go more in-depth with the same material, they will read and analyze additional material, and they will complete additional assignments, projects, and essays. The honors course also moves at a faster pace. **Students are required to take and pass the LEAP 2025 Assessment.**

**English II (Gifted)**

**ENG II (G) A; ENG II (G) B**

**Grade 10**

**1 year required**

**\*Gifted Evaluation Required**

This course provides an overview of world literature, emphasizing contemporary literature in order that students may focus on identifying critical literary devices. The student will read a selection of world literature in the genres of poetry, short stories, fiction, nonfiction, drama, and novels. The student will read, discuss, and analyze major types of essays in order to write original samples of the major types of essays, with an emphasis on the expository and persuasive. Communication and research skills will be developed through the written and oral presentation of a research project. **Students are required to take and pass the LEAP 2025 Assessment.**

**English III**

**ENG III A; ENG III B**

**Grade 11**

**1 year English credit**

**TOPS University approved English**

This course includes a survey of American literature from Colonial times to modern times. Writing and grammar skills will be emphasized throughout the course. The student will research selected topics and present their findings in different formats. In this course, there is an emphasis in developing critical thinking and analytical skills as well as students' additional readings and writings. **Students are required to take and pass the End of Course Test.**

**Business English**

**BUS ENG A; BUS ENG B**

**Grade 11**

**1 year English credit (TOPS Tech.)**

This course is designed to provide the student with communication tools they will need on the job. It provides the broad, thorough training necessary to help students develop competence in each of the communication skills: reading, writing, speaking, and listening. A student will also be introduced to the language of business. **This course does not fulfill TOPS University requirements.**

**English III AP**

**AP ENG III A; AP ENG III B**

**Grade 11**

**1 year English credit**

**TOPS University approved English**

**\*By teacher recommendation**

This course will engage students in becoming skilled readers of rhetoric written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes, enabling students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. The intensive concentration on language use will enhance ability to use grammatical conventions both appropriately and with sophistication and to develop stylistic maturity. The depth and breadth of reading and writing is beyond that of high school honors courses. **Students that enroll in this AP course are expected to take the comprehensive AP Exam near the end of the course and are responsible for the cost of the AP exam. Students are required to take and pass the End of Course Test.**

**English IV**

**ENG IV A; ENG IV B**

**Grade 12**

**1 year English credit**

**TOPS University approved English**

This course includes a survey of British literature from the Anglo-Saxon period through the modern times. It emphasizes critical reading of the material as well as instruction on various modes of writing.

**English IV DE/Honors**

**Southeastern Louisiana University**

**ENGL1010 3 Credits; ENGL1020 3 Credits**

**ENG 4 (DE) (H) A; ENG 4 (DE) (H) B**

**Grade 12**

**1 year English credit**

**TOPS University approved English**

**Recommendation: "B" average or better in English III**

**\*Student must score 18 on the English component of the Pre-ACT, or ACT to be eligible for this Dual Enrollment course.**

This course is taught as a dual enrollment course with students receiving both English IV Honors credit and college English 1010/1020 credit (English Composition I/II) through Nunez Community College. This is an introductory course in writing for those students who demonstrate the ability to write at the expected college level, with emphasis placed on argumentative and expository writing and readings. Students will also study major writings in a survey of British Literature. Students must meet academic criteria by college.

**Reading I**

**READ I A; READ I B;**

**Grades 9**

**1 year elective**

This course is designed to help the student improve their vocabulary and reading comprehension by using on-line software. This course helps the student develop the skills, habits, and attitudes that will result in more effective reading and studying. Topics include word analysis, vocabulary development, and comprehension techniques.

**Reading II**

**READ II A; READ II B**

**Grades 10-11**

**1 year elective**

This advanced reading course is designed to help the student improve their vocabulary and reading comprehension by using on-line software. The course helps the student develop the skills, habits, and attitudes that result in more effective reading and studying. Topics include word analysis, vocabulary development, and comprehension techniques.

**Speech I**

**SPEECH I A; SPEECH I B**

**Grades 10-12**

**1 year elective**

The first semester of this course provides the student with the fundamentals of oral communication. The following units of study will be covered in the first semester: interpersonal communication, public address, and group discussion. The second semester is a complete survey for the student who is interested in the major disciplines of theater: technical (stagecraft), play production (directing), and acting

styles and methods. **Students are required to take the LEAP 2025 assessment.**

**Speech I /Dual Enrollment**

**Nunez Community College**

**SPCH2150 3 Credits**

**SPEECH I (DE) A**

**1 semester elective**

**\*Student must have a composite score of 18 or better on the Pre-ACT, or ACT to be eligible for this Dual Enrollment course.**

This course provides the student with the fundamentals of oral communication. The following units of study will be covered in the first semester: interpersonal communication, public address, and group discussion

**Speech II**

**SPEECH II A; SPEECH II B**

**Grades 11-12**

**1 year elective**

**Prerequisite: Speech I**

The focus of this class is on public speaking and presentation skills. Students in Speech II refine the skills they learned in Speech I and expand on their public speaking ability. Speech II students give four formal speeches during the year, develop presentations on communication topics, and present those topics to the class. This class is assessed using graded class work, speeches, presentations, and tests.

**Technical Writing**

**Tech Writing A; Tech Writing B**

**Grades 12**

**1 year English credit (TOPS Tech.)**

Students will enhance writing and editing skills related to the many types of business and technical writing. Students study and develop a variety of documents generated in business and industry such as emails, reports, presentations, letters, newsletters, flyers, personal memoirs, comic strips, advertisements, public service announcements and business proposals. Students also apply research skills to plan a career path and employment portfolio. **This course does not fulfill TOPS University requirements.**

basic food preparation skills. Emphasis is placed on food preparation, kitchen and meal management, and the relationship of diet to health. Topics of study include nutrition, meal planning, food labeling, safety and sanitation, kitchen equipment, measuring, use of recipes, and consumer skills. **Prostart Prerequisite.**

**Advanced Nutrition and Food**

**ADV NUTR & FOOD S**

**Grades 10-12**

**1 semester elective**

**Prerequisite: Nutrition and Food**

This course addresses more complex concepts in nutrition and food preparation, with emphasis on social, psychological, and cultural influences on food choices globally. This course also makes the transition from prepared cooking to recipe cooking. **Prostart Prerequisite.**

**Prostart I**

**PROSTART I (DE) A; PROSTART I (DE) B**

**NTCC CULN 1101- 3 Credit Hours**

**NTCC CULN 1130- 2 Credit Hours**

**Grade 11**

**1 year elective**

**Prerequisite: Nutrition & Foods and**

**Adv. Nutrition & Food**

**ServSafe Food Handler Certification**

This course is for the first of a two year program that prepares a student for careers in the restaurant/food service industry. Topics covered include customer service, food and kitchen safety, foodservice equipment, nutrition, business math, control of food service costs and career preparation and development.

**Prostart II**

**PROSTART II (DE) A; PROSTART II (DE) B**

**NTCC CULN 1140-3 Credit Hours**

**NTCC CULN 1350- 4 Credits Hours**

**Grade 12**

**1 year elective; 2 credit course**

**2 Hour Block Course**

**ServSafe/Prostart(State) Certification**

**Prerequisite: Prostart I**

The second of a two year program which prepares a student for careers in culinary, restaurant and food service industry. Some topics covered include nutrition, cost control, marketing, and preparation in areas of breakfast, sandwich, salad, pastry, meat and poultry plus any other areas dictated by the National Restaurant Assn. or the Louisiana Restaurant Assn. All students are expected to take the national certification exams as well as accumulate 400 culinary/restaurant/food service work hours in order to receive a COA.

**FOREIGN LANGUAGE**

The Foreign Language Program focuses on providing sequential progress toward the acquisition of the four basic skills – oral understanding, speaking, reading and writing and on promoting a deeper understanding and appreciation of foreign cultures. **TOPS University pathway requires two (2) years of foreign language in the same language.**

**French I**

**FRENCH I A; FRENCH I B**

**1 year elective**

**TOPS Univ. Foreign Language elective**

**Grades: 10-12**

**Recommendation: "C" average or better in Regular English.**

This course introduces the student to the French language. Emphasis is placed on basic pronunciation and grammar rules while developing reading and writing skills. The course gives students an awareness and appreciation for French culture, which is introduced and integrated with language study.

**French II**

**FRENCH II A; FRENCH II B**

**1 year elective**

**TOPS Univ. Foreign Language elective**

**Grades: 10-12**

**Prerequisite: French I**

This course builds upon the grammatical and conversational bases learned in French I, while expanding vocabulary through speaking, listening, reading, and writing skills.

**Spanish I**

**SPAN I A; SPAN I B**

**1 year elective**

**TOPS Univ. Foreign Language elective**

**Grades: 10-12**

**Recommendation: "C" average or better in Regular English.**

This is a beginning course in Spanish for a student with little or no knowledge of Spanish. All appropriate elements of basic language learning are utilized for providing a foundation in the language and culture of Spanish-speaking people.

**Spanish II**

**SPAN II A; SPAN II B**

**TOPS Univ. Foreign Language elective**

**1 year elective**

**Grades: 10-12**

**Prerequisite: Spanish I**

This course is a review and extension of Spanish I and includes a study of selected literary readings vocabulary building and basic grammar.

**FAMILY AND CONSUMER SCIENCES**

**Nutrition and Food**

**NUTR & FOOD S**

**Grades 10-12**

**1 semester elective**

This course provides the student with basic nutrition, wellness knowledge, and

**HEALTH SCIENCE**

**Health Science I**

**HS I OCCUP A; HS I OCCUP B**

**Grades 10-11**

**1 year elective**

**Recommendation: "C" average or better in Science courses**

An introductory course for a student who wishes to pursue a career in one of the medical/health related occupations. Emphasis is placed on medical terminology, anatomy/physiology, infection control, safety, and accident prevention, as well as personal health information.

**Health Science II: Medical Terminology**

**HS II DE (A); HS II DE (B)**

**Dual Enrollment: Northshore Tech CC**

**NTCC HSOM 1030- 3 Credit Hours**

**HS M TR (DE) A; HS M TR (DE) B**

**Grade 11-12**

**1 year elective**

**Recommended Course: Health Science I**

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

**Certified Nursing Assistant (CNA)**

**PT CARE CNA (DE) A**

**Grade 12**

**1 semester elective; 1 credit course**

**2 Hour Block Course**

**Dual Enrollment: Northshore Tech CC**

**CNA Certification**

**NTCC HNUR 1211- 4 Credit Hours**

**NTCC HCOR 1212- 1 Credit Hour**

**Prerequisites: Health Science II should**

**be taken con-currently or previously completed, Clean Disciplinary High School Record, Pass LA State Police Background Check, and 2.0 GPA**

This course is designed to prepare the student as a certified nursing assistant for jobs in a hospital, nursing home, or other health care facility. **Certification may be achieved following successful completion of the course work and clinical experience at the Louisiana Technical College.**

**First Responder**

**FRST RESPD A; FRST RESPD B**

**HEMS 1120,1170- 2 Credit Hours**

**Grade 11-12**

**1 year elective**

**EMR Certification Available**

**Prerequisite: 2.0 GPA**

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, bandaging, simple spinal immobilization, and simple splinting and infection control.

**Emergency Medical Technician Basic I**

**EMT (DE)(1) A; EMT (DE)(1) B**

**Dual Enrollment: Northshore Tech**

**NTCC HEMS 1110, 1120, 1140, 1160,**

**1170, 1172- 8 Credit Hours**

**Grade 12**

**1 year elective; 2 credit course**

**2 Hour Block Course**

**Prerequisites: EMR Certification and 2.0**

**GPA**

This course is designed to provide the student with advanced instruction to improve the quality of emergency medical care rendered to victims of accidents and illnesses. Topics include: anatomy and physiology, disease processes, assessment and patient stabilization, and proper use of equipment. **This is a dual enrollment class taught by Northshore Technical College.**

**INFORMATION/COMPUTER TECHNOLOGY**

**CIW Internet Business**

**CIW INT BUS A; CIW INT BUS B**

**Grade 10-12**

**1 year elective**

**CIW Internet Business Associate**

**Certification**

This course prepares students to work effectively in today's business environment. In this course, students will learn about the tasks involved in various Web Technology job roles, and the skills/technologies to perform them.

**Creative Coding in Games and Apps**

**CR COD GAM APP A; CR COD GAM APP B**

**Grades 10-12**

**1 year elective**

**Microsoft Technology Associate**

**Certification**

Introduction to programming for the early secondary grades. Students learn how to code by working in a real software development environment to design, program and publish mobile apps and games. Learning to code by creating real products, students discover how to make amazing things and have an impact on their world.

**Introduction to Business Computer Applications (IBCA)**

**INT BCA A; INT BCA B**

**Grade 9-12**

**1 year elective**

**Microsoft Word and PowerPoint**

**Certifications**

This course places emphasis on learning core concepts in applications associated with the Microsoft Office Suite. This class participates in real world business simulations and students gain experience using Smart Board technologies, digital cameras, scanners, printers and more.

**Business Computer Applications I**

**BUS CMP AP A; BUS CMP AP B**

**Grades 10-12**

**1 year elective**

**Excel Certification**

**Prerequisite: Intro to Business**

**Computer Applications (IBCA)**

A basic computer course designed to acquaint students with principles and terminology of the computer and computer applications. Students will be given instruction in advanced usage of Microsoft Word, Excel, and PowerPoint, as well as desktop publishing and the computer's operating system. Microsoft Office Specialist (MOS) practice tests will also be administered so student can obtain certification if so desired.

**MATHEMATICS**

**Students are placed in mathematics classes based on their ability in computation and problem solving, on achievement test scores, grades, teacher recommendation and/or on students' commitment.**

**Algebra I/Math Essentials Block:**

**Regular, Resource**

**Grade 9;**

**1 Year Course; 2 Hour Block; 2 Credits**

This course is a two hour block that allows students time to master Algebra Skills during class time. Students pursuing the Tops Career Diploma will earn two of their four needed math credits. Included in this course are the following topics: understanding the language of algebra, performing operations with real numbers, solving linear equations and inequalities, problem solving with equations, graphing linear equations, solving linear inequalities, solving systems of equations, computations with polynomials, factoring polynomials, performing operations with algebraic fractions, solving expressions containing radicals, solving quadratic equations, and understanding the integration of algebra with other mathematics. **Students are required to take and pass the LEAP 2025 Assessment.**

**Algebra I**

**ALG I A; ALG I B**

**Grade 9**

**1 year required course**

This course is designed to prepare the learner for all mathematical courses. This includes using expressions and variables, adding, subtracting, multiplying, and dividing rational numbers, using squares and square roots, solving equations, graphing, using proportions, solving inequalities, and using polynomials.

**Students are required to take and pass the LEAP 2025 Assessment.**

**Algebra I (Special Education)**

**ALG I (R) A; ALG I (R) B**

**Grade 9**

**1 year required course**

Special Education Evaluation Required

**Students are required to take and pass the LEAP 2025 Assessment.**

**Algebra I (Honors)**

**ALG I (H) A; ALG I (H) B**

**1 year required course**

**Grade 9**

**Recommendation: "B" average or better in Pre-Algebra**

This course is designed for a student whose mathematics background indicates the ability to work at an advanced level and meet the pre-requisite requirements. The course covers all topics presented in regular Algebra I but in greater depth. More emphasis is placed on theory and word problems. **Students are required to take and pass the LEAP 2025 Assessment.**

**Geometry**

**GEOM A; GEOM B**

**Grades 10-11**

**1 year math elective**

**TOPS University approved math**

This course is a practical understanding of geometric concepts. This includes measuring and using angles, line segments, triangles and other polygons, circles, area, and volume while interjecting logic and mathematical reasoning **Students are required to take and pass the LEAP 2025 Assessment.**

**Geometry (Special Education)**

**GEOM (R) A; GEOM (R) B**

**1 year math credit**

**Grade 10-11**

Special Education Evaluation Required

**Students are required to take and pass the LEAP 2025 Assessment.**

**Geometry (Honors)**

**GEOM (H) A; GEOM (H) B**

**Grades: 10-11**

**1 year math credit**

**TOPS University required math**

**Recommendation: "B" average or better in Algebra I**

This course is designed for the student with the ability to work at an advanced level and meet the pre-requisite requirements. The course covers all geometric concepts discussed in an average geometry class with a larger emphasis on logic and math reasoning at a mastery level. This will include proofs, more complex problems, and additional concepts such as sine waves. **Students are required to take and pass the LEAP 2025 Assessment.**

**Geometry (Gifted)**

**GEOM (G) A; GEOM (G) B**

**Grades: 9-10**

**1 year math credit**

**TOPS University approved math**

**\*Gifted Evaluation Required**

**Prerequisite: Algebra I**

This course is for the gifted math student. It introduces deductive and inductive reasoning through the writing of proofs. Properties of two and three-dimensional figures are explored. Coordinate and transformational geometry are used as a link between algebraic and geometrical concepts. These concepts will be developed through in-depth problem solving, acceleration, use of technology, real world applications, research, and presentations. Additionally, this course will encourage a student to communicate these mathematical concepts in both written and oral formats. **Students are required to take and pass the LEAP 2025 Assessment.**

**Algebra II**

**ALG II A; ALG II B**

**1 year math credit**

**TOPS University approved math**

**Grades: 10-12**

**Recommendation: "C" average or better in Algebra I**

This course includes working with: properties of real numbers; sets and set notation; equations and inequalities; graphing; systems of sentences; relations and fractions; rational expressions; radicals and quadratic functions; complex numbers and quadratic equations; conic sections; and exponential and logarithmic functions. **This course is required for TOPS.**

**Algebra II (Honors)**

**ALG II (H) A; ALG II (H) B**

**1 year math credit**

**TOPS University approved math**

**Grade 10-12**

**Recommendations: "B" average or better in Algebra I and Geometry**

This course is designed for the student whose mathematics background indicates the ability to work at an advanced level and meet the pre[requisite requirements. This course covers all topics presented in average Algebra II but in greater depth. More emphasis is placed on theory, derivations, and word problems.

**Algebra II (Gifted)**

**ALG II (G) A; ALG (G) B**

**Grades: 10-11**

**1 year math credit**

**TOPS University approved math**

**\*Gifted Evaluation Required**

This course offers the gifted student a sound development of the structure of the real number system through discussion of number sentences, relations and linear, polynomial, and quadratic fractions. The student will investigate the nature of number systems by studying the complex number systems. Work with sequences and series, probability, and matrices provide an important extension to the scope of the student's mathematical experiences. Algebra II (G) is for the gifted student who is characterized by compacting, acceleration, in-depth problem-solving, and individualized pacing.

**Business Math**

**BUS MATH A; BUS MATH B**

**Grade (11 - 12)**

**1 year math credit (TOPS Tech.)**

**Prerequisites: Algebra I**

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

**Financial Literacy**

**FIN LIT A; FIN LIT B**

**Grades: 11-12**

**1 year math credit (TOPS Tech.)**

Financial Literacy is a math course that is designed to provide a comprehensive review of fundamental principles using whole numbers, common fractions, and decimals with emphasis on percentages. The course includes calculations regarding selling, buying, commissions, profits, discounts, income tax preparation, banking procedures, consumer information, and other topics pertinent to business transactions.



**Algebra III**

**ALGEBRA III A; ALGEBRA III B**

**Grades: 11-12**

**1 year math credit**

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

**Pre-calculus (Honors)**

**PRE CALC (H) A; PRE CALC (H) B**

**Grades: 11-12**

**1 year math credit**

**TOPS University approved math**

**Prerequisites: Algebra I, Geometry, Algebra II or presently enrolled in Algebra II-teacher recommendation only.**

The first semester includes topics from trigonometry such as the unit circle, trig graphs, solving triangles and trig equation. The second semester covers many Algebra II topics in more depth. These include sequence and series, exponential, logarithmic, polynomial and rational functions.

**Pre-calculus (Honors) Dual Enrollment**

**Nunez Community College**

**MATH1300 3 Credits;**

**MATH1400 3 Credits**

**DE PRECALC (H) A; DE PRECALC (H) B**

**Grades: 11-12**

**1 year credit**

**Prerequisites: Algebra I, Geometry, Algebra II**

**\* Students must have a math score of 19 on PLAN, Pre-ACT, ACT Aspire, or ACT to take this Dual Enrollment class.**

In addition to high school credit, this course offers a student an opportunity to receive six semester hours of college credit. During the first semester, the course covers: sets, algebra of numbers as a logical system, operations of real numbers, inequalities, absolute values, coordinate systems, linear and quadratic functions, binomial theorem, mathematical induction, polynomial, inverse, exponential and logarithmic functions, complex numbers, conic sections, and partial fractions. In the second semester, the course covers the development and use of circular function, trigonometric identities and equations, radian measure, graphic representation of trigonometric

functions, inverse functions, polar coordinates, limits, and continuity.

**Calculus (Honors) Dual Enrollment**

**Nunez Community College**

**MATH2010 5 Credits**

**DE CALC (H) A; DE CALC (H) B**

**Grades: 11-12**

**1 year math credit**

**Prerequisites: Algebra I, Geometry, Algebra II, and Pre-calculus.**

**\* Students must have a math score of 19 on PLAN, Pre-ACT, ACT Aspire, or ACT to take this Dual Enrollment class.**

This course covers functions and models, limits (from graphical, numerical, and algebraic points of view), continuity and differentiability, derivatives of functions, applications of differentiation, integration, definite integrals, applications of integration, inverse functions, and techniques of integration.

**MUSIC**

**Advanced Band**

**ADV BAND A; ADV BAND B**

**Grades 9-12**

**1 year elective**

**TOPS University Art Elective**

This course is open to any interested student. The music ranges from traditional to contemporary with an emphasis on major components including woodwind, brass and percussion. Band is a co-curricular course, both academic and extra-curricular. **This means that part of the requirement for successfully completing the course requires participation in all rehearsals, football games, parades, and after school rehearsals.**

**General Music (Chorus)**

**GEN MUSIC A; GEN MUSIC B**

**Grades: 9-12**

**1 year elective**

**TOPS University Art Elective**

To enroll in this course, the choral member must be well disciplined, hardworking individuals who wish to broaden their musical backgrounds and abilities. This course will include singing, diction, phrasing, breathing and intonation. The student's grade is determined by classroom, performance participation, and by continuous musical achievement. **The student must participate in various performances throughout the school year including a Christmas program and a Spring program.**

**Guitar Class**

**GUITAR CL A; GUITAR CL B**

**1 year elective**

**TOPS University Art Elective**

This course is designed for beginning students with no previous guitar instruction in a private or studio setting. Students will learn basic music theory. Guitar skills and the introduction of the history of the guitar and literature will be covered. **Students must provide their own acoustic guitar.**

**Piano Class**

**PIANO CL A; PIANO CL B**

**Grades: 9-12**

**1 year elective**

**TOPS University Art Elective**

This course is designed for beginning students with no previous keyboarding instruction in a private or studio setting. Students will learn basic music theory. Piano skills and the introduction of the history of the piano and literature will be covered.

**Fine Arts Survey-Music**

**FN ART SUR A; FN ART SUR B**

**Grades: 10-12**

**1 year elective**

**TOPS University Art Elective**

This course is a non-technical introduction to various facets of music; basic terms and concepts; and personalities and history of music and dance. This course partially fulfills the requirements of the TOPS scholarship. It should be taken opposite Fine Arts Survey-Art.

**NAVAL SCIENCE/ JUNIOR ROTC**

Naval science courses can provide significant benefits to any qualified student, regardless of whether he or she plans to go on to college, go to work, or join one of the military services after graduation. Interesting academic work is accompanied by practical leadership, and personal development. There is no obligation either to continue the programs at PRHS or to be involved with the nation in any way after graduation. Opportunities for school service, interesting field trips, early leadership positions and numerous extracurricular activities are available. Completion of the course makes a student eligible for advanced standing in any of the military service and significant assistance is given to those students interested in completing for fully paid college ROTC scholarships or service academy appointment. **Completion of Junior ROTC I and II may be substituted for PE I**

and II, and Health Education to satisfy state graduation requirements.

**JROTC I**

**JR ROTC I A; JR ROTC I B**

**Grades 9 – 12**

**1 year elective**

Junior ROTC an introductory course in Naval Science that stresses leadership, se power, history, maritime customs and skills, and health education. A uniform is worn once a week in school on drill day. This uniform is provided for the student’s use at no charge. Extracurricular activities are normally available to all who wish to participate. These activities can include NRA sanctioned rifle and air pistol marksmanship programs; both boys’ and girls’ exhibition marching drill teams; ceremonial color guard, drum and bugle corps; and numerous other sports and social activities. Almost all expenses associated with these activities, field trips, and related equipment, are taken care of by fund raising by the ROTC Club. This course may be substituted for PE I.

**JROTC II**

**JR ROTC II A; JR ROTC II B**

**Grades 10 – 12**

**1 year elective**

**Prerequisites: JROTC I and approval of the Naval Science instructor.**

**FEMA-NIMS Certification**

Junior ROTC II continues the development of leadership and maritime related skills introduced in Junior ROTC I. Included are several new topics: extensive looks at oceanography, world affairs and first aid. Advanced field trips are scheduled where possible and a student remains eligible for all extracurricular activities mentioned under Junior ROTC I. **Students taking Naval Science I and II fulfill the Health Education and PE requirement for graduation.**

**JROTC III**

**JR ROTC III A; JR ROTC III B**

**Grades: 11, 12**

**1 year elective**

**Prerequisites: JROTC II and approval of the Naval Science Instructor.**

Junior ROTC III involves advanced leadership and management training with students in the course charged with leadership and administration of the Cadet Company and extracurricular programs. Classroom topics include, but are not limited to, sea power, naval history (World War II), meteorology, astronomy, electricity and survival

training. Advanced field trips are scheduled where possible and a student remains eligible for all extracurricular activities mentioned in ROTC I.

**JROTC IV**

**JR ROTC IV A; JR ROTC IV B**

**Grade 12**

**1 year elective**

**Prerequisites: JROTC III and approval of the Naval Science Instructor.**

Junior ROTC IV involves advanced leadership and management training. Self-study in the subjects of naval weapons, tactics, logistics, military justice, naval history and other topics contained in the Naval Science IV text will be required of a student enrolled in this advanced course.

**HEALTH & PHYSICAL EDUCATION**

**Health Education**

**HEALTH ED S**

**Grades: 9, 10**

**1 semester required course**

**FA, AED, CPR Certifications Available**

Health is required in accordance with recommendations of the State Department of Education. Instruction in this unit includes the study of nutrition, personal health, consumer health, environmental and community health, safety and first aid, CPR, substance abuse, communicable and non-communicable diseases.

***Students enrolled in a PE course are required to dress out daily and participate in the instructional activities.***

**Physical Education I**

**PHY ED I A; PHY ED I B**

**Grades: 9-10**

**1 year required course**

This course is designed to expose the student to activities useful as lifetime recreational pursuits or as a continuing fitness aid. The course consists of the following required units: flag football, softball, physical fitness track and field, golf and a minimum of one elective team sport.

**Physical Education II**

**PHY ED II A; PHY ED II B**

**Grades: 9-12**

**1 semester or 1 year required course**

This course focuses on preparing individuals in a participating role in a wide variety of sports and leisure activities important in achieving and maintaining a healthy life-style. Units in

physical fitness, tennis, and an elective team sport are required in this course.

**Physical Education III**

**PHY ED III A; PHY ED III B**

**Grades: 11-12**

**1 year elective**

One semester will develop and improve participation skills and techniques in a variety of team and individual games and dance activities with emphasis on leadership, sportsmanship, and respect for officials, decisions and rules. The other semester will help each student become involved and adopt a personal lifestyle of regular physical fitness. A student will identify and control all of the components of fitness.

**Physical Education IV**

**PHY ED IV A; PHY ED IV B**

**Grades: 11-12**

**1 year elective**

This course consists of improving participation skills and techniques in a variety of sport activities with emphasis on leadership, sportsmanship and growth of self-confidence. This course also provides instruction aimed at improving and maintaining physical fitness for a healthy lifestyle.

**SCIENCE**

**Physical Science**

**PHY SCI A; PHY SCI B**

**Grade 9**

**1 year science credit**

**TOPS University approved science**

This course includes the study of chemistry, work, machines, heat, sound, light, electricity, lab procedures, and the use, conservation and measurement of matter and energy.

**Physical Science (Honors)**

**PHY SCI (H)A; PHY SCI (H)B**

**Grade 9**

**1 year science credit**

**TOPS University approved science**

This course is designed to prepare a student for high school chemistry and physics. It is also designed to equip a student with basic concepts, principals, laws, and theories of physical science, as well as experience the practice of lab techniques.

**Biology**

**BIO A; BIO B**

**Grades: 10-11**

**1 year required course**

This course gives the student an understanding of the principles and

concepts of living things and their organization. The student is introduced to the lab setting and investigates plant and animal life. The course includes a study of the use of the microscope, a study of cells, genetics and the diversity of life. It covers animal anatomy and physiology in the higher orders. **Students are required to take and pass the End of Course Test.**

**Biology (Special Education)**

**BIO(R) A; B**

**Grades 10-11**

**1 year required course**

Special Education Evaluation Required

**Students are required to take the End of Course Test.**

**Biology (Honors)**

**BIO (H) A; BIO (H) B**

**Grades: 10-12**

**1 year required course**

**Recommendations: "B" average or better in Algebra I and Physical Science**

This course relies heavily on lab work and the development of critical reasoning of students. The first semester includes a study of basic cell structure, genetic continuity and a survey of algae, protozoan, and ecology. The second semester deals with the study of diversity among animals, plants, human anatomy, physiology, and microbiology. **Students are required to take the End of Course Test.**

**Biology (Gifted)**

**BIOLOGY (G) A; BIOLOGY (G) B**

**Grades: 10-11**

**1 year required course**

**\*Gifted Evaluation Required**

This course relies heavily on lab work, projects and the development of critical thinking. The first semester includes a study of the scientific method, basic cell structure, and genetics. The second semester deals with the classification of organisms, ecology, evolution, and the human body systems. As this is one of the first high school gifted classes, emphasis is placed on organization, time management and study skills. **Students are required to take the End of Course Test.**

**Biology II (Honors)**

**BIOL II (H) A; BIOL II (H) B**

**Grades: 11-12**

**1 year science credit**

**TOPS University approved science**

**Prerequisite: Biology I**

**Recommendations: "C" average or better in Biology I**

This course is designed for students with a strong interest in biology. Students will

explore topics selected from cellular biology, biochemistry, biotechnology, genetics, microbiology, evolution, and human anatomy and physiology. Lab work and individual/group projects are emphasized.

**Chemistry**

**CHEM A; CHEM B**

**Grades: 11-12**

**1 year science credit**

**TOPS University approved science**

**Recommendations: The student**

**planning to take chemistry must have taken or be taking Algebra II and should have at least a "C" average in all math and science classes.**

In this course, demonstrations and problem solving are stressed. Some topics included are: scientific notation and measurement, the mole concept, formulas, balancing of equations, atomic structure, chemical reactions, solutions and equilibrium. **This course is required for TOPS.**

**Chemistry (Honors)**

**CHEM (H) A; CHEM (H) B**

**Grades: 11-12**

**1 year science credit**

**TOPS University approved science**

**Recommendations: "C" or better**

**average in all honors science and math courses. Algebra II or higher should be taken con-currently. Teacher recommendation required.**

This college preparatory course is recommended for the above average student who plans to continue in the field of science and who has a strong background in math and Honors Physical Science. Combining the theories and concepts of chemistry with practical application, this lab-oriented course is designed to develop analytical and critical thinking skills.

**Chemistry (Gifted)**

**CHEM (G) A; CHEM (G) B**

**Grades: 10-11**

**1 year science credit**

**TOPS University approved science**

**\*Gifted Evaluation Required**

**Prerequisite: Algebra II or higher should be taken con-currently.**

This college-preparatory course stresses lab experiences, analytical processes and problem solving. Subject matter will include in-depth coverage of topics offered in the honors, combining the theories and concepts of chemistry with practical application. Gifted classes are characterized by compacting, acceleration, and in depth study of concepts. This course will include individualized projects.

**Chemistry II (Advanced Placement)**

**AP CHEM II A; AP CHEM II B**

**Grades: 11-12**

**1 year science credit**

**TOPS University approved science**

**Prerequisites: Chemistry I and taking or currently taking Algebra II**

**Recommendations: "C" or better average in all Science and Math courses.**

This course is designed for the student who plans to major in a science of science related field in college. Lab experiences, demonstrations and problem solving are stressed. Topics will include in-depth coverage of those topics offered in the non-science major course as well as an introduction to organic chemistry. **Students that enroll in this AP course are expected to take the comprehensive AP Exam near the end of the course and are responsible for the cost of the AP exam.**

**Environmental Science**

**ENV SCI A; ENV SCI B**

**Grade 11 - 12**

**1 year science credit**

**TOPS University approved science**

This course is designed for a student who does not plan to major in the sciences. It focuses on ecosystems and the human condition classification of environmental problems and their relation to economic and legal concerns and explores the challenges that our environment presents.

**Human Anatomy and Physiology (Honors)**

**ANAT & PHYS(H) A; ANAT & PHYS(H) B**

**Grades: 11-12**

**1 year science credit**

**Prerequisite: Biology I**

**Recommendation: "B" or better in Biology I**

This course is an intensive study of human anatomy and physiology-g geared for the student pursuing a medical career. **This course does not fulfill TOPS University requirements.**

**SOCIAL STUDIES**

**World Geography**

**WLD GEOG A; WLD GEOG B**

**Grade 9**

**1 year social studies credit**

**TOPS University approved social studies**

This course is a study of world physical and cultural geography. Emphasis will include the development of geography skills with a focus on the study of world regions and the interdependence of these regions.

**World Geography (Honors)**

**WLD GEOG (H) A; WLD GEOG (H) B**

**Grade 10-12**

**1 year social studies credit**

**TOPS University approved social studies**

This course is a study of world physical and cultural geography. Emphasis will include the development of geography skills with a focus on the study of world regions and the interdependence of these regions. Selected topics will be covered in depth, and critical thinking and writing skills will be emphasized.

**World Geography (Gifted)**

**WLD GEOG (G) A; WLD GEOG (G) B**

**Grade 10-12**

**1 year social studies credit**

**TOPS University approved social studies**

**\*Gifted Evaluation Required**

This course is a study of world physical and cultural geography. Emphasis will include the development of geography skills with a focus on the study of world regions and the interdependence of these regions. Selected topics will be covered in depth, and critical thinking and writing skills will be emphasized.

**U.S. Government**

**GOVERNMENT A; GOVERNMENT B**

**Grade 10**

**1 year required course**

This course is a study of the rights, duties and privileges of citizenship in American society with focus on the structure and function of the federal, state and local governments.

**U.S. Government (Special Education)**

**GOV (R) A; GOV (R) B**

**Grade 9**

**1 year required course**

Special Education Evaluation Required

**U.S. Government (Honors)**

**GOVERNMENT(H) A; GOVERNMENT(H)B**

**Grade 9**

**1 year required course**

This course is an in depth study of the rights, duties and privileges of citizenship in American society with focus on the structure and function of the federal, state and local governments. Students will examine the Constitution and Bill of Rights.

**U.S. Government (Gifted)**

**GOVERNMENT (G) A;**

**GOVERNMENT(G)B**

**Grade 10**

**1 year required course**

**\*Gifted Evaluation Required**

This survey course includes an examination of the role of the American citizen in a democratic society, stressing the historical foundations of our democratic form of government. The student will incorporate the use of in-depth reading, research, critical analysis of historical events, and in-depth discussions. With the completion of the course, the student should be aware of his/her importance as a functioning member of a democratic society.

**Law Studies**

**LAW STUDY A; LAW STUDY B**

**Grades 11-12**

**FEMA-NIMS Certification**

**1 year elective course**

This course covers criminal and civil law. The purpose of this course is to broaden the student's knowledge of the American legal system. **This course does not fulfill TOPS University requirements.**

**U.S. History**

**U.S. HISTORY A; U.S. HISTORY B**

**Grade 11**

**1 year required course**

This course is a survey course that examines American history from the Reconstruction period to present. Emphasis is on the development of historical concepts through basic readings and historical research.

**Students are required to take and pass the LEAP 2025 Assessment.**

**U.S. History (Special Education)**

**U.S. HIST (R) A; U.S. HIST (R) B**

**Grade 11**

**1 year required course**

Special Education Evaluation Required  
**Students are required to take and pass the LEAP 2025 Assessment.**

**U.S. History (AP)**

**(AP) U.S. HIST A; (AP) U.S. HIST B**

**Grade 11**

**1 year required course**

**Teacher recommendation required**

AP History is a challenging course that is meant to be the equivalent of a freshman college course and can earn students college credit. It is a two-semester survey of American history from the age of exploration and discovery to the present. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography.

**Students that enroll in an AP course are expected to take the comprehensive AP Exam near the end of the course and are responsible for the cost of the AP exam.**

**Students are required to take and pass the LEAP 2025 Assessment.**

**World History**

**WLD HIST A; WLD HIST B**

**Grades: 10-12**

**1 year social studies credit**

**TOPS University approved social studies**

This is a survey course that examines world history from the Renaissance to the Industrial Revolution during the first semester. The second semester will include events from the Industrial Revolution to the present.

**World History (AP)**

**AP WLD HIST A; AP WLD HIST B**

**Grades: 10-12**

**1 year social studies credit**

**TOPS University approved social studies**

**Teacher recommendation required**

The AP World History course focuses on developing students' understanding of the world history from approximately 8000 BCE to the present. This college-level course has students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods. **Students that enroll in this AP course are expected to take the comprehensive AP Exam near the end of the course and are responsible for the cost of the AP exam.**

**Psychology I**

**PSYCHOLOGY A; PSYCHOLOGY B**

**Grades: 11-12**

**1 year elective**

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. **This course does not fulfill TOPS University requirements.**

**Psychology/Dual Enrollment**

**PSYCH (DE) (H) A;**

**Nunez Community College**

**PSYC1100- 3 Credits**

**Grades: 11-12**

**1 semester elective**

**\*Student must have a composite score of 18 or better on the PLAN, Pre-ACT,**

**ACT Aspire or ACT to be eligible for this Dual Enrollment course.**

This introductory course includes topics such as learning, memory, sensation and perceptions, personality, life-span development, psychological disorders, figures in psychology, the use of scientific method, and career fields related to psychology. **This course does not fulfill TOPS University requirements.**

**Sociology/Dual Enrollment**  
**SOCIO (DE) (H) A**

**Nunez Community College**  
**SOCL1100-3 Credits**  
**Grades: 11-12**

**1 semester elective**

**\*Student must have a composite score of 18 or better on the PLAN, Pre-ACT, ACT Aspire or ACT to be eligible for this Dual Enrollment course.**

This social science course deals with the study of groups, society, and human relationship. Emphasis is placed on the study of social institutions and current social problems. **This course does not fulfill TOPS University requirements.**

**TECHNOLOGY EDUCATION**

All classes listed under the Technology Education are Dual Enrollment classes with the Northshore Technical College. ***This allows the student to earn high school and college credit which leads to certification opportunities if the student meets qualifications.***

**Basic Technical Drafting/Dual Enrollment**

**BAS T DRAF (DE)A; BAS T DRAF(DE)B**  
**Northshore Tech Community College**  
**DRFT1161-2 Credits;DRFT1130 2 Credits;**  
**DRFT1110-2 Credits;DRFT1120 2 Credits**  
**Grades 10-12**  
**1 year elective**

**TOPS University Art Elective**

This course involves the study of technical elements of drafting, which includes instruments lettering, sketching, applied geometry, projections, pictorial representation, dimensioning, sectioning, symbols, and auxiliaries.

**CMAD Drafting (Advanced Technical Drafting)/Dual Enrollment**

**CMAD DRAFT (DE) A;**  
**CMAD DRAFT (DE)B**  
**Northshore Tech Community College**  
**CADD1215 2 Credits;CADD1210 1 Credit**  
**Grades 11- 12**  
**1-Year Elective**

This course is a continuation of Basic Technical Drafting and an introduction to AUTOCAD.

**NCCER Carpentry I/Dual Enrollment**

**NCCER CARP (DE) I A ;**  
**NCCER CARP (DE) I B**  
**Northshore Tech Community College**  
**BLDG1120-3 Credits;BLDG1130 2 Credits**  
**BLDG1110-1 Credit;BLDG1140 2 Credits**  
**Grade 11, 12**  
**1 year elective; 2 credit course**  
**2 HOUR BLOCK COURSE**

Students learn basic skills and safety in the use of hand and portable power tools. **Students may earn industry based certification—NCCER Carpentry Level I Certification.**

**NCCER Carpentry II/Dual Enrollment**

**CARPEN II (DE) A; CARPEN II (DE) B**  
**Northshore Tech Community College**  
**BLDG1150-3 Credits;BLDG1210-6 Credits**  
**Grade 11, 12**  
**1 year elective; 2 credit course**  
**2 HOUR BLOCK COURSE**

This course investigates all areas of the construction industry from planning to the completion of construction. Emphasis is placed on safety, tools, machines, processes, and materials used in the construction industry. **Students may earn industry based certification—NCCER Carpentry Level II Certification.**

**NCCER Welding CORE**

**NCCER CORE A; NCCER CORE B**  
**Grade 10, 11, 12**  
**1 year elective**

**Recommendation: Agriscience I**

This course is designed to instruct students in the basic information needed in today's construction trades such as welding, construction/carpentry, pipefitting, electrician, etc. Basic Safety, Construction Math, Hand and Power tools, construction drawings, as well as employment enhancing skills are taught. Students will need to purchase personal protective equipment prior to the course. A list of PPE will be made available by the teacher.

**NCCER Welding Technology I/Dual Enrollment**

**NCCER WLD I(DE) A; NCCER WLD I(DE)B**  
**Northshore Tech Community College**  
**WELD1210 2 Credits; WELD1110**  
**3 Credits; WELD1410 2 Credits**  
**Grades: 10-12**  
**Recommendations: Agriscience II and**  
**NCCER CORE**  
**1 year elective; 2 credit course**

**2 HOUR BLOCK COURSE**

Students will begin working towards the NCCER Welding Level 1 certification. Students will learn to use various hand and power tools, cutting torches, plasma equipment, and arc welders. Students will be self-paced in the curriculum. Students will need to purchase personal protective equipment prior to the course. A list of PPE will be made available by the teacher.

**NCCER Welding Technology II/Dual Enrollment**

**NCCER WLD II(DE) A;NCCER WLD II(DE)B**  
**Grades: 11-12**  
**Northshore Tech Community College**  
**WELD1140-2 Credits;WELD1310-**  
**2 Credits; WELD1411-3 Credits**  
**1 year elective; 2 credit course**  
**2 HOUR BLOCK COURSE**

**Prerequisites: Must have completed the NCCER Core certification and Welding I**

Students will complete the NCCER Welding Level 1 certification and move into the NCCER Welding Level 2 certification on a self-paced speed. Most students will have the skills to pass structural welding tests for employment upon completion of the course. Students will need to purchase personal protective equipment prior to the course. A list of PPE will be made available by the teacher.

**TALENTED COURSES**

**\*All Talented Course Offerings  
Requires Talented Evaluation**

**ART**

**Talented Art I**

GT V ART I A; GT V ART I B  
Grades 9-12  
1 year elective  
TOPS University Art Elective

**Talented Art II**

GT V ART II A; GT V ART II B  
Grades 10-12  
1 year elective

**Talented Art III**

GT V ART III A; GT V ART III B  
Grades 11-12  
1 year elective

**Talented Art IV**

GT V ART IV A; GT V ART IV B  
Grade 12  
1 year elective

**MUSIC**

**Talented Music I**

G&T MUSIC I A; G&T MUSIC I B  
Grades 9-12  
1 year elective  
TOPS University Art Elective

**Talented Music II**

G&T MUSIC II A; G&T MUSIC II B  
Grades 10-12  
1 year elective

**Talented Music III**

G&T MUSIC III A; G&T MUSIC III B  
Grades 11-12  
1 year elective

**Talented Music IV**

G&T MUSIC IV A; G&T MUSIC IV B  
Grade 12  
1 year elective

**THEATRE**

**Talented Theatre I**

G&T THEATRE I A; G&T THEATRE I B  
Grades 9-12  
1 year elective  
TOPS University Art Elective

**Talented Theatre II**

G&T THEATRE II A; G&T THEATRE II B  
Grades 9-12  
1 year elective

**Talented Theatre III**

G&T THEATRE III A; G&T THEATRE III B  
Grades 9-12  
1 year elective

**Talented Theatre IV**

G&T THEATRE IV A; G&T THEATRE IV B  
Grades 9-12  
1 year elective

**PRACTICE SCHEDULE CARD**

Below is a practice chart for selecting courses for the 2018-2019 school year. When you choose your courses, keep in mind the graduation requirements, TOPS requirements, and Career Cluster requirements. **Students and their parents/guardian assume full responsibility for the course work scheduled.** Though the school personnel will attempt to locate and correct any errors, it is the students' and their parents' responsibility to select the courses, keep copies of records and plan their schedule to meet all requirements for graduation. Also, parents and students have the responsibility to check requirements for the college of their choice and schedule coursework accordingly.

FIRST SEMESTER	SECOND SEMESTER
COURSE NAME	COURSE NAME
1	
2	
3	
4	
5	
6	
7	

**ALTERNATIVE COURSES**

Alternatives must be selected. In case of conflicts, alternative courses will be selected.

FIRST SEMESTER	SECOND SEMESTER
COURSE NAME	COURSE NAME
1	
2	
3	

\*Seniors requesting a career/technical internship must complete an application for the internship prior to scheduling the internship. Academic, attendance, and discipline records will be considered.

\*Seniors are required to attend a minimum of five (5) credit classes per day per semester. Taking less than seven units may negatively affect a senior's class rank and GPA. **Permission must be granted for seniors requesting a short day schedule. An application for short day must be completed.**

**SCHEDULING NOTES**