

Pearl River High School

Course and Curriculum Guide



2016-2017

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INTRODUCTION

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

COUNSELORS

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

It is important to understand that the role of the counseling staff is to advise students. **Students and their parents/guardian assume full responsibility for the course work scheduled.** Though the school personnel will attempt to locate and correct any errors, it is the students' and their parents' responsibility to select 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.

EOC (END-OF-COURSE)

The Louisiana Department of Education has initiated an End-of-Course (EOC) assessment program to support consistent and rigorous standards in key high school courses. Beginning in 2010-2011 and beyond, all incoming freshmen must pass three EOC Tests in the following categories to earn a standard diploma: (a) English II or English III; (b) Algebra I or Geometry; and (c) Biology or American History.

EARLY START/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 Early Start/Dual Enrollment Program, a student must be **16 years old, classified as a junior or senior**, and have taken the **PLAN test or ACT** with a Composite score accepted at the respective post-secondary institutions.

Career and Technical Education

Annual Public Notification

St. Tammany Parish Public High Schools have begun scheduling courses for the 2016-17 school year. 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 Terry Meyer, 321 N. Theard Street, Covington, LA 70433; phone (985) 898-3236; email Terry.Meyer@stpsb.org. The 504 Coordinator is Cara Barry, 706 W. 28th Avenue, Covington, LA 70433; phone (985) 898-3309; email Cara.Barry@stpsb.org.

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 (For graduating class of 2018 and subsequent classes) The successful completion of the Louisiana TOPS University Diploma Curriculum requires a minimum of 24 units in specific courses as detailed in this course description guide. Students who successfully complete this curriculum will have completed the minimum required curriculum as a component of TOPS eligibility as well as Louisiana public university freshman entrance requirements. Eligibility for TOPS as well as entrance to Louisiana public universities also relies on earning a minimum required GPA as well as minimum required ACT composite scores and sub-scores.

LA TOPS TECH CAREER CURRICULUM (For graduating class of 2018 and beyond) 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.)**

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. This diploma is an opportunity for students entering high school **beginning in fall 2014. Students completing the TOPS TECH Career Curriculum must complete a TOPS TECH Pathway of 9 pathway credits, with a total of 23 high school credits, an industry based certification for the chosen pathway, and pass 3 of the 6 End of Course (EOC) tests 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

_____, I, 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 _____

PRINCIPAL’S SIGNATURE _____ DATE _____



INDIVIDUAL GRADUATION PLAN

BASIC INFORMATION

Name: _____ 9th Grade Entry Date: _____
 High School Attending: _____ Originating Middle School: _____

EDUCATION GOALS

Diploma Type: College Diploma Jump Start Diploma
 Diploma Curriculum: LA Core 4 Basic Core Career
 Diploma Endorsements: Academic Endorsement Career/Technical Endorsement
 Community Service Endorsement Other _____
 Post-Secondary Plans: Technical College Community College 4 Year College or University FASFA Completion Date: _____
 Potential TOPS Eligibility: TOPS Honors TOPS Performance TOPS Opportunity TOPS Tech Early Start TOPS Tech I TOPS Tech II

CAREER GOALS

Career Specialty/Occupation (Option 1): _____ Career Specialty/Occupation (Option 2): _____
 Career Cluster™ (Option 1): _____ Career Cluster™ (Option 2): _____
 Area of Concentration/JumpStart Grad. Pathway: _____ Area of Concentration/JumpStart Grad. Pathway: _____
 Post-High School Work Force Plans: On-the-Job Training Military Employment

COURSE SELECTIONS FOR YOUR CHOSEN PATHWAY

Subjects	6th-8th/T9 Grade	9th Grade	10th Grade	11th Grade	12th Grade	Graduation Tracker			
						Min Rec	Semad	Enrolled	Must Complete
English									
Mathematics									
Science									
Social Science									
Health									
Physical Education									
Foreign Languages									
Arts									
Electives/CTE									
Electives									
Credit Totals									

EXTRACURRICULAR & EMPLOYMENT ACTIVITIES

Extracurricular						Awards/Industry-Based Certifications
Employment						
Community Service						

ASSESSMENTS

	Academic						Personal	
							Instrument	Scores
College and Career Readiness	EXPLORE	EXPLORE	PLAN/ASPIRE	ACT	ACT		ASVAB	
	ASPIRE	ASPIRE	ACT	PSAT	SAT		Basic Skill Inventory	
	ACT		PSAT	WorkKeys	WorkKeys		Career Interest	
LEAP/End-of-Course	English	English II	English II	English III	English III		Learning Styles	
	Math	Algebra I	English III	US History			ONET Profiler	
	Science	Applied Algebra I	Geometry				Other	
	Social Studies	Geometry	Biology	US History				

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

SIGNATURE APPROVAL

	8th/T9	Date	9th	Date	10th	Date	11th	Date	12th	Date
Student										
Parent										
Counselor/Advisor										



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 Early Start/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 to avoid penalties. The FAFSA form must be received by the final state deadline set by the TOPS office.** A FAFSA form may be completed over the Internet at www.fafsa.ed.gov. **It is the student and parent’s responsibility to fill out the FAFSA form and to meet the required deadlines.**

The 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.**

DESIGNATED WEIGHTED COURSE LIST			
ENGLISH	MATH	SCIENCE	SOCIAL STUDIES
English I (H) (G)	Algebra I (H) (G)	Physical Science (H) (G)	World Geography (H) (G)
English II (H) (G)	Geometry (H) (G)	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:

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

COMPLIANCE NOTICE

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

**LOUISIANA TOPS UNIVERSITY DIPLOMA CURRICULUM
FOR GRADUATING CLASS OF 2018 & BEYOND**

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

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

LOUISIANA TOPS TECH CAREER DIPLOMA CURRICULUM

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

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.

State Pathway	Integrated Pathway	Regional Pathway
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
ProStart	Maritime	Welder’s Helper
Welder	Stem	Workplace Safety

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 th Grade	10 th Grade	11 th Grade	12 th Grade	Elective Pathway Courses
Algebra I OR Algebra I Part 1 English I <i>Agriscience I</i> <i>IBCA</i> <i>Journey to Careers</i> Physical Education I <i>Elective Course</i>	Geometry OR Algebra I English II Environmental Science <i>Agriscience II</i> Civics Physical Education II / Health <i>Elective Course</i>	Financial Literacy OR Math Essentials English III OR Technical Writing U.S. History Biology <i>NCCER</i> <i>Carpentry I</i> <i>Elective Course</i>	Business Math Business English <i>NCCER</i> <i>Carpentry II</i> <i>NCCER</i> <i>Welding</i> <i>CTE Internship</i> <i>Elective Course</i>	Accounting Agriscience I Agriscience II Basic Technical Drafting Business Law CMAD Drafting CTE Internship I CTE Internship II Education for Careers Entrepreneurship First Responder Introduction to Business Computer Applications (IBCA) Journey to Careers 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			
<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>				

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 th Grade	10 th Grade	11 th Grade	12 th Grade	Elective Pathway Courses
Algebra I OR Algebra I Part 1 English I <i>IBCA</i> <i>Journey to Careers</i> Physical Education I <i>Speech I</i> <i>Elective</i>	Geometry OR Algebra I English II Environmental Science <i>Health Science I</i> Civics Physical Education II / Health <i>Nutrition and Food/ Adv. Nut. & Food</i>	Financial Literacy OR Math Essentials English III OR Technical Writing U.S. History Biology <i>Health Science II</i> <i>First Responder</i> <i>Elective Course</i>	Business Math Business English <i>Certified Nurse Assistant/ EKG</i> <i>CTE Internship II</i> <i>Elective Course</i>	Accounting I Advanced Nutrition and Foods Business Computer Applications (BCA) Business Law Certified Nursing Assistant Child Development CTE Internship I CTE Internship II Education for Careers EKG I Entrepreneurship First Responder Health Science I Health Science II Introduction to Business Computer Applications (IBCA) Introduction to Emergency Medical Technology Journey to Careers 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><i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i></p> <p><i>Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.</i></p>				

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

SAMPLE SCHEDULE – EMERGENCY MEDICAL TECH				
9th Grade	10th Grade	11th Grade	12th Grade	Elective Pathway Courses
Algebra I OR Algebra I Part 1 English I <i>IBCA</i> <i>Journey to Careers</i> <i>Speech I</i> Physical Education I <i>Elective Course</i>	Geometry OR Algebra I English II Environmental Science <i>Health Science I</i> Civics Physical Education II / Health <i>Elective Course</i>	Financial Literacy OR Math Essentials English III OR Technical Writing U.S. History Biology <i>Health Science II</i> <i>First Responder</i> <i>Elective Course</i>	Business Math Business English <i>Emergency Medical</i> <i>Tech Basic</i> <i>CTE Internship II</i> <i>Elective Course</i>	Accounting I Advanced Child Development Advanced Nutrition and Foods Business Law Certified Nursing Assistant Child Development CTE Internship I, II Customer Service Education for Careers EKG Emergency Medical Technician Basic Entrepreneurship First Responder Health Science I, II Introduction to Business Computer Applications (IBCA) Journey to Careers 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			
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i> <i>Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.</i>				

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 th Grade	10 th Grade	11 th Grade	12 th Grade	Elective Pathway Courses
Algebra I OR Algebra I Part 1 English I IBCA Journey to Careers FACS I Physical Education I Elective Course	Geometry OR Algebra I English II Environmental Science Nutrition & Food/ Adv. Nut. & Food Civics Physical Education II / Health Elective Course	Financial Literacy OR Math Essentials English III OR Technical Writing U.S. History Biology ProStart I Meat Processing	Business Math Business English ProStart II CTE Internship I First Responder Elective Course	Accounting I Advanced Nutrition & Food AgriScience I, II* Business Law CTE Internship I, II Education for Careers Entrepreneurship FACS I, II First Responder Health Science I, II Introduction to Business Computer Applications (IBCA) Journey to Careers Meat Processing Nutrition & Food Principles of Business ProStart I, II Speech I, II
7 credits	7 credits	7 credits	7 credits	
Credential Earned	BASIC: Certificate: ProStart National Certificate of Achievement and ServSafe Food Protection Manager Certificate, National Restaurant Association			
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i> <i>Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway</i>				

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 th Grade	10 th Grade	11 th Grade	12 th Grade	Elective Pathway Courses
Algebra I OR Algebra I Part 1 English I IBCA <i>Journey to Careers</i> <i>Agriculture I</i> Physical Education I <i>Elective Course</i>	Geometry OR Algebra I English II Environmental Science <i>Agriculture II</i> Civics Physical Education II / Health <i>Elective Course</i>	Financial Literacy OR Math Essentials English III OR Technical Writing U.S. History Biology <i>NCCER Welding I</i> <i>Elective Course</i>	Business Math Business English <i>NCCER Welding-II</i> <i>NCCER Carpentry I</i> Elective Course	Accounting AgriScience I AgriScience II* Basic Technical Drafting Business Law CMAD Drafting CTE Internship I, II Education for Careers Entrepreneurship First Responder Intro to Business Computer Applications (IBCA) Journey to Careers 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			
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i> <i>Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.</i>				

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 th Grade	10 th Grade	11 th Grade	12 th Grade	Elective Pathway Courses
Algebra I OR Algebra I Part 1 English I <i>Agriscience I</i> <i>IBCA</i> <i>Journey to Careers</i> Physical Education I <i>Elective Course</i>	Geometry OR Algebra I English II Environmental Science <i>Agriscience II</i> Civics Physical Education II /Health <i>Elective Course</i>	Financial Literacy OR Math Essentials English III OR Technical Writing U.S. History Biology <i>NCCER Welding I*</i> <i>Meat Processing</i>	Business Math Business English <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 Tech. Drafting CMAD Drafting CTE Internship I, II Education for Careers Entrepreneurship First Responder IBCA Journey to Careers 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 st 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	
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i> <i>Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway</i>				

Pathway Name	Hospitality, Tourism, Culinary and Retail	Integrated
High-Demand Careers Related to this Pathway	<p>Hospitality: 5 Star – General and Operations Manager; 4 Star – Food Service Manager; Lodging Manager; 3 Star – Customer Service Representative; First-Line Supervisor of Food Prep and Serving Workers, Housekeeping and Janitorial Workers, Personal Service Workers</p> <p>Tourism: 4 Star – Lodging Manager; 2 Star – Hotel Desk Clerk; Tour Guide and Escort; Travel Agent</p> <p>Culinary: 4 Star – Food Service Manager; Chefs and Head Cook; 3 Star – First Line Supervisor of Food Prep and Serving Workers</p> <p>Retail: 5 Star: 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 th Grade	10 th Grade	11 th Grade	12 th Grade	Elective Pathway Courses
Algebra I OR Algebra I Part 1 English I <i>IBCA</i> <i>Journey to Careers</i> <i>FACS I</i> Physical Education I <i>Speech I</i>	Geometry OR Algebra I English II Environmental Science <i>Nutrition & Food/ Adv. Nut. & Food</i> Civics Physical Education II / Health <i>Elective Course</i>	Financial Literacy OR Math Essentials English III OR Technical Writing U.S. History Biology <i>ProStart I</i> <i>Elective Course</i>	Business Math Business English <i>ProStart II</i> <i>CTE Internship I</i> <i>First Responder</i> <i>Entrepreneurship</i> <i>or Principles of Business</i>	Accounting I Advanced Food and Nutrition Ag Science I CTE Internship I,II Customer Service Education for Careers Entrepreneurship FACS I,II First Responder Food and Nutrition Health Science I, II Introduction to Business Computer Applications (IBCA) Journey to Careers 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		
<p><i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i></p> <p><i>Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.</i></p>				

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 th Grade	10 th Grade	11 th Grade	12 th Grade	Elective Pathway Courses
Algebra I OR Algebra I Part 1 English I <i>IBCA</i> <i>Journey to Careers</i> <i>Agriscience I</i> Physical Education <i>Elective</i>	Geometry OR Algebra I English II Environmental Sc. Civics Physical Educ. II/ Health <i>Agriscience II</i> <i>Elective</i>	Financial Literacy OR Math Essentials English III or Technical Writing U.S. History Biology <i>Carpentry I or</i> <i>Welding I</i> <i>Basic Drafting</i>	Business Math Business English Entrepreneurship <i>CMAD</i> <i>Carpentry II or</i> <i>Welding II</i> <i>First Responder</i>	Accounting Agriculture II Carpentry I, II Entrepreneurship First Responder IBCA Journey to Careers NCCER Core Principles of Bus. ROTC III, IV Speech I, II Welding I, II
7 credits	7 credits	7 credits	7 credits	
CREDENTIALS EARNED				
Basic Statewide Credential-Earn 1		Regional Credential		
NCCER Carpentry I		Core Credential – Must Earn 1		
NCCER Welding Level I		Emergency Medical Responder		
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	
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	Maritime	Integrated
High-Demand Careers Related to this Pathway	5 Stars: Captains, Mates, and Pilots of Water Vessels; First---Line Supervisors of Transportation and Material---Moving Machine and Vehicle Operators Sailors and Marine Oilers; Riggers; Transportation, Storage, and Distribution Managers. 4 Stars: Commercial Divers; Environmental Scientists and Specialists including Health; Ship Engineer; Transportation Inspector	

SAMPLE SCHEDULE - MARITIME				
9 th	10 th	11 th	12 th	Elective Pathway Courses
Algebra I OR Algebra I Part I English I IBCA Journey to Careers P.E.I or ROTC I Agriculture I or Agriculture II Elective	Geometry OR Algebra I English II Civics Environmental Sc. P.E. II/Health or ROTC II NCCER Core Elective	Financial Literacy OR Math Essentials English III OR Technical Writing U.S. History Biology First Responder Welding I or Carpentry I Basic Tech. Draft.	Business Math Business English Entrepreneurship or Principles of Bus. Carpentry II or Welding II CMAD Elective	Accounting Agriculture I, II Basic Tech Drafting Carpentry I, II CMAD Entrepreneurship First Responder IBCA Maritime Studies NCCER Core Principles of Bus. ROTC III, IV Speech I, II Welding I, II
7 Credits	7 Credits	7 Credits	7 Credits	
CREDENTIALS EARNED				
REQUIRED BASIC STATEWIDE CREDENTIAL		REGIONAL CREDENTIAL		
Emergency Medical Responder		Core Credential – Must Earn 1		
		NCCER Basic Rigging Level 1	Maritime Safety Credential Suite	
		Complementary Credentials – Must Earn 2		
		Microsoft Word, Excel, PPT	WorkKeys Silver	
		NCCER Core	First Aid/CPR/AED	
		OSHA 10	ServSafe	
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	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 th	10 th	11 th	12 th	Elective Pathway Courses
Algebra I OR Algebra I Part I English I P.E. I or ROTC I <i>IBCA</i> <i>Journey to Careers</i> <i>Elective</i> <i>Elective</i>	Geometry OR Algebra I English II P.E. II/Health or ROTC II <i>NCCER Core</i> <i>Speech I</i> <i>Elective</i> <i>Elective</i>	Financial Literacy OR Math Essentials English III OR Technical Writing U.S. History Biology <i>Carpentry I OR</i> <i>Welding I</i> <i>Basic Tech. Draft.</i>	Business Math Business English <i>Entrepreneurship OR</i> <i>Principles of Business</i> <i>Carpentry II OR</i> <i>Welding II</i> <i>CMAD</i> <i>Elective</i>	Accounting I Agriculture II Basic Tech. Draft. Carpentry I, II CMAD Entrepreneurship First Responder IBCA NCCER core Principles of Bus. ROTC III, IV Speech I, II Welding I, II
7 credits	7 credits	7 credits	7 credits	
CORE CREDENTIAL – MUST EARN 1				
NCCER Core and Carpentry or Welder Helper Modules				
COMPLEMENTARY CREDENTIALS – MUST EARN 2				
Microsoft Word, Excel, PowerPoint			WorkKeys Silver	
OSHA 10 General Industry			First Aid/CPR/AED	
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	Business Management	Regional
High-Demand Careers Related to this Pathway	<p>Retail Management – 5 Star: Sales Managers; 4 Star: First-Line Supervisors of Retail Workers. Also: Store Managers, Assistant Store Managers.</p> <p>Business Administration – 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>Hospitality Management - 5 Star – General and Operations Managers; 4 Star – Food Service Managers; Lodging Managers;</p>	

SAMPLE SCHEDULE – BUSINESS MANAGEMENT

9 th Grade	10 th Grade	11 th Grade	12 th Grade	Elective Pathway Courses
Algebra I OR Algebra I Part 1 English I Physical Educ I IBCA <i>Journey to Careers</i> <i>Speech I</i> <i>Elective</i>	Geometry OR Algebra I English II Environmental Science <i>Speech II</i> Physical Educ. II/ Health Civics <i>Elective</i>	Financial Literacy OR Math Essentials English III OR Tech. Writing U.S. History Biology <i>First Responder</i> <i>Entrepreneurship</i> <i>Elective</i>	Business Math Business English Accounting I CTE Internship II Principles of Business Elective	Accounting I Ag Science I Business Education Elective CTE Internship I, II Entrepreneurship First Responder IBCA Journey to Careers NJROTC III, IV Principals of Business Speech I, II
7 Credits	7 Credits	7 Credits	7 Credits	
REQUIRED CREDENTIALS				
Core Credential – Must Earn 1				
Customer Service and Sales				
Complementary Credentials – Must Earn 2				
Microsoft Word, Excel, PowerPoint			WorkKeys Silver	
First Aid/CPR/AED			OSHA 10 General Industry	
<p>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</p> <p>Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.</p>				

Pathway Name	Carpenter’s Helper	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 th Grade	10 th Grade	11 th Grade	12 th Grade	Elective Pathway Courses
Algebra I OR Algebra I Part 1 English I Physical Education or ROTC I <i>IBCA</i> <i>Journey to Careers</i> <i>Agriculture I</i> <i>Elective</i>	Geometry OR Algebra I English II Phy. Educ./Health or ROTC II Environmental Science Civics <i>NCCER Core</i> <i>Agriculture II</i>	Financial Literacy OR Math Essentials English III OR Technical Writing U.S. History Biology <i>Carpentry I or</i> <i>Welding I</i> <i>Basic Tech Drafting</i>	Business Math Business English <i>Carpentry II or</i> <i>Welding II</i> <i>CMAD</i> <i>Elective</i> <i>Elective</i>	Accounting Agriculture II Basic Tech. Drafting Carpentry I, II CMAD Entrepreneurshp First Responder IBCA NCCER Core Principles of Business ROTC III, IV Speech I, II
7 Credits	7 Credits	7 Credits	7 Credits	
REQUIED 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 th Grade	10 th Grade	11 th Grade	12 th Grade	Elective Pathway Courses
Algebra I OR Algebra I Part 1 English I <i>IBCA</i> <i>Journey to Careers</i> JROTC I <i>Speech I</i> <i>Elective Course</i>	Geometry OR Algebra I English II Environmental Science NJROTC II <i>Speech II</i> <i>First Responder</i> Civics	Financial Literacy OR Math Essentials English III OR Technical Writing Biology <i>NJROTC III</i> <i>Entrepreneurship</i> <i>Law Studies</i> <i>Elective Course</i>	Business Math Business English <i>NJROTC IV</i> <i>CTE Internship II</i> <i>Forensic Science</i> <i>Elective Course</i>	Child Development CTE Internship I, II Education for Careers First Responder Forensic Science* Foreign Language (any foreign language) IBCA Journey to Careers JR ROTC III, IV 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				
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway .</i> <i>Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway</i>				

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 th Grade	10 th Grade	11 th Grade	12 th Grade	Elective Pathway Courses
Algebra I OR Algebra I Part 1 English I <i>IBCA</i> <i>Journey to Careers</i> <i>Agriculture I</i> Physical Educ. I Elective	Geometry OR Algebra I English II Environmental Sc. <i>Agriculture II</i> Civics Physical Education II / Health NCCER Core	Financial Literacy OR Math Essentials English III OR Technical Writing U.S. History Biology <i>NCCER Welding I</i> Elective	Business Math Business English <i>NCCER Welding II</i> <i>Basic Technical Drafting</i> <i>First Responder</i> Elective	Accounting AgriScience II CTE Internship I, II Basic Technical Drafting CMAD Education for Careers Entrepreneurship First Responder IBCA Journey to Careers 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				
Core Credential – Must Earn 1				
NCCER Core AND NCCER Welding Partial Completion (Modules 1, 2, 3, 5, 7, 8, 10)				
Complementary Credentials – Must Earn 2				
Microsoft Word, Excel, PowerPoint			WorkKeys - Silver	
OSHA 10			First Aid/CPR/AED	
<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>				

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, Solderers, Brazers, 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 th Grade	10 th Grade	11 th Grade	12 th Grade	Elective Pathway Courses
Algebra I OR Algebra I, Part I English I <i>IBCA</i> <i>Journey to Careers</i> Physical Education I <i>Agriculture I</i> <i>Elective</i>	Geometry OR Algebra I English II Biology <i>Agriculture II</i> PhysicalEduc.II/Health <i>Speech I</i> <i>NCCER Core</i>	Financial Literacy OR Math Essentials Technical Writing U.S. History <i>NCCER Carpentry I</i> <i>Elective</i> <i>Elective</i>	Business Math Business English <i>First Responder</i> <i>NCCER Carpentry II</i> <i>Internship I</i> <i>Elective</i>	Accounting I AgriScience II Basic Technical Drafting CTE Internship I, II Education for Careers Entrepreneurship First Responder Intro. to Bus. Comp. Apps. Journey to Careers JR ROTC III, IV Law Studies Medical Terminology NCCER Carpentry I, II NCCER Core NCCER Welding Tech I, II Principles of Business Speech I, II

REQUIRED CREDENTIALS

Core Credentials – Must Earn All 3

NCCER Core
 OSHA 10
 First Aid/CPR/AED

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.

AGRISCIENCE

Agriscience I

AG SCI I A; AG SCI I B

Grade 9

1 semester or 1 year elective

This course includes units in animal science, soil science, plant science, agricultural mechanics, food science technology, and agricultural leadership. Work-based learning strategies appropriate for this course are school-based enterprises, field trips, and internships. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

Agriscience II

AG SCI II A; AG SCI II B

Grade 10

1 semester or 1 year elective

Prerequisite: Ag I

This course includes advanced units in animal science, soil science, plant science, agricultural mechanics and agricultural leadership. Work-based learning strategies appropriate for this course are school-based enterprises.

Horticulture I

HORTICULT I A; HORTICULT I B

Grade 11, 12

Prerequisites: Ag I and Biology (Dual Enrollment Course)

This course is designed to provide students an overview of the landscape industry and the opportunity to explore various skills used in the landscape industry; and gain experiences and knowledge that help prepare the student to obtain a state license as a landscape contractor. Emphasis will be placed on developing skills used in landscape plant design, installations, basic landscape construction, and the care and management of established beds.

Meat Processing

MEAT PROCESS A; MEAT PROCESS B

Grades 11, 12

Prerequisite: Ag II

1 semester or 1 year elective

IBC available: Meat Processing

Students will explore the meat processing industry. Student will receive hands-on instruction in the care and processing of animals into wholesale and retail cuts of meat. Students will understand state and federal regulations regarding meat and meat processing. careers in meat processing.

Students will learn about different careers in meat processing. Sanitation, HACCP, and foodborne illness prevention will be a critical component of the instruction.

ART

Art I

ART I A; ART I B

Grades 9-12

1 semester or 1 year elective

This course is an introduction to the field of art. Areas of instruction emphasized include laboratory work in sand design, copper tubing, crayon etching, yard painting, decoupage, and art appreciation in its relationship to the history of that period.

Art II

ART II A; ART II B

Grades 10-12

1 semester or 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 oil painting, media exploration, and others.

Art III

ART III A; ART III B

Grade 11, 12

1 semester or 1 year elective

Prerequisites: Credit in Art I & II

This course offers individualized instruction for students who wish to pursue and develop advanced skills in art. The student will explore airbrush painting, advanced oil painting, sculpture, wood burning, silk screening, advanced drawing, stained glass, and special commercial art projects.

Art IV

ART IV A; ART IV B

Grade 12

1 semester or 1 year elective

Prerequisites: Credit Art I, II, & III

Art IV A (Studio Art) helps the serious art student fine tune their creative skills and develop portfolios of quality work for college admissions.

Art IV B (Adv. Sculpture) is a continuation of three dimensional design with the use of clay, paper mache, plaster, wire and relief carving, found object construction, and theatre prop construction.

Fine Arts Survey-Art

FN ART SUR A; FN ART SUR B

Grades 9-12

1 semester

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 A; ACCT I B

Grades 11-12

1 semester or 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.

Business Law

BUS LAW S

Grades 10-12

1 semester elective

This course is designed to teach students to apply business law principles to personal and business settings. Emphasis is placed on skills in critical thinking that are reinforced in this course along with oral and written communication skills. Oral and written communication skills are reinforced in this course as students research, compose, format and proofread legal office documents.

Entrepreneurship

ENTREPREN A; ENTREPREN B

Grade 11, 12

1 semester or 1 year elective

Prerequisite: IBCA

Industry-Based Certification Class

This course is designed to prepare the student as 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. Students participating in the course will learn first-hand how to own and operate a small business by developing their own company.

Principles of Business

PRINC OF BUS A; PRINC OF BUS B

Grade 9-12

1 year elective

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

Journey to Careers

JOURNEY CAREER A;

JOURNEY CAREER B

Grade 9

1 year course elective

This course investigates the 16 career clusters through classroom discussion, activities and internet E-portal exploration and research to help students make meaningful decisions about their career choices. Course content will include self-assessment and goal setting, study skills and how to succeed in high school.

Education to Careers

ED / CAREER I S; ED / CAREER II S

Grade 11-12

1 semester required course

This course investigates the career clusters through classroom discussion, activities and internet E-portal exploration and research to help students make meaningful decisions about their career choices. Course content will include self-assessment and goal setting, study skills and how to succeed in high school.

Internship I

INTERNSHIP I A; INTERNSHIP I B

1 year elective

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.

Internship II

INTERNSHIP II A; INTERNSHIP II B

1 year elective

Grade 12

The internship is designed to provide career and technical education for a student, through opportunities to apply learned skills in an off-campus workplace in a 2-hour block course. 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.

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 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.

English I (Honors)

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

Grade 9

1 year required

By teacher/administrator recommendation only

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.

English I (Gifted)

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

Grade 9

1 year required course

***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.

English II

ENG II A; ENG II B

Grade 10

1 year required

By following thematic units, the student will read and respond to various genres of literature. Unit instruction will focus on literary analysis as well as grammar skills, writing skills as a process (with an emphasis on expository and persuasive multi-paragraph compositions), speaking, and listening skills. Students will select and evaluate information for a research project on a selected topic to include a variety of resources. Preparation for the End of Course Test will be emphasized through the various activities of the course. **Students are required to take the End of Course Test.**

English II (Honors)

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

Grade 10

***By teacher recommendation only**

The student will read, analyze, and write multi-paragraph compositions on various genres of literature including poetry, fiction, non-fiction, drama, short stories, and novels. Advanced writing skills will focus upon the expository and persuasive compositions. The student will also focus on grammar, speaking, and listening skills. The student will learn how to research selected topics using MLA format, write a bibliography, write outlines, and organize information into a documented paper, in conjunction with a required research project. Preparation for the End of Course Test will be emphasized through the various

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

English II (Gifted)

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

Grade 10

1 year required course

***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 writing and oral presentation of a research project.

Students are required to take the End of Course Test

English III

ENG III A; ENG III B

Grade 11

1 year required course

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 and write a research paper from selected topics. 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 the End of Course Test

Business English

BUS ENG A; BUS ENG B

Grade 11

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.

English III AP

AP ENG III A; AP ENG III B

Grade 11

***By teacher recommendation only**

This course will engage students in becoming skilled readers of prose 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 an AP course are required to take the comprehensive AP Exam near the end of the course and are responsible for the cost of the AP exam.**

English IV

ENG IV A; ENG IV B

Grade 12

1 year required course

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. **Students must complete the requirements of the Senior Project, which include research on a selected topic, writing of a research paper, working with a mentor, an oral presentation on the topic, and a product resulting from the project.**

English IV (Honors)

Nunez Community College

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

Grade 12

1 year required

*** By recommendation only (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 (English Composition I/II) through Nunez Community College. This course emphasizes expository writing and readings as well as argumentative writing. This is an introductory course in writing for those students who demonstrate the ability to write at the expected college level. Students must score at least 18 on ACT and have teacher recommendation in order to enroll. 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 semester or 1 year elective

Recommended: "C" average in English

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.

Speech I Dual Enrollment

Nunez Community College

SPEECH I (DE) A

This Dual Enrollment course requires the student to qualify with a PLAN score or ACT score in order to be accepted in the college course. 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

Speech II

SPEECH II A; SPEECH II B

Grades 11-12

1 semester or 1 year elective

Recommended: "C" average in English

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

Grades 11 – 12

1 year course

Prerequisite: English I, English II
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.

ACT Prep

ACT PREP S

Grade 11-12

1 semester elective

This course is designed to help students prepare for the ACT college entrance test. The students will learn test-taking strategies as well as gain experience with computer-based tutorials. Participation in sample tests and practice assignment are required on a daily basis.

FAMILY AND CONSUMER SCIENCES

Family and Consumer Sciences I

FAM & CONS SCI I A; FAM &CONS SCI I B

1 semester or 1 year elective

Grades 9-12

This course examines multiple life roles and responsibilities of individuals and family members. The focus is on the areas of personal and family living, wellness nutrition and foods, financial management, living environments, community ties, and transferring school skills to life and work. **Laboratory experience and fee required.**

Family and Consumer Sciences II

FAM & CONS SCI I A; FAM &CONS SCI I B

1 semester or 1 year elective

Grades 10-12

This course enhances the skills introduced in FACS I. Instruction focuses on practical application activities to include the areas of personal and family living, wellness, nutrition and foods, financial management, living environments, appropriate child development practices, clothing and textiles, and building employability skills to enhance life and work.

Child Development

CHILD DEV S; ADV CHILD DEV S

Grades 11- 12

1 year elective

The student will study the physical, intellectual, social, emotional growth, and development of children from birth to early childhood. Topics will include prenatal development; preparation for birth, and the birth process; impacts of heredity, environment, and family on the development of the child; and meeting children’s needs for food, clothing, shelter, and care. Emphasis is on teaching students how to create an environment for children that will promote optimum development.

Nutrition and Food

NUTR & FOOD S

Grades 10-12

1 semester elective

This course provides the student with basic nutrition, wellness knowledge, and 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. **Laboratory experience and fee required.**

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. **Laboratory experience and fee required.**

Prostart I

PROSTART I A; PROSTART I B

Grade 11

1 year elective (2 hour block)

Prerequisites: Nutrition & Foods

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.

All students must take the national certification exam at the end of the course.

Prostart II

PROSTART II A; PROSTART II B

Grade 12

1 year elective (2 hour block)

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 required to take the national certification exam 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 requires two (2) years of foreign language in the same language.**

French I

FRENCH I A; FRENCH I B

1 year elective

Grades: 10-12

Recommendations: Students should have a "C" average or better in Regular English.

This course is a beginning course in French for a student with little or no knowledge of French. All appropriate elements of basic language learning activities are utilized for providing a

foundation in the language and culture of French speaking people. The emphasis is on speaking and listening skills. **TOPS requires two (2) years of foreign language in the same language.**

French II

FRENCH II A; FRENCH II B

1 year elective

Grades: 10-12

Prerequisite: French I

This course is a continuation of French I training in pronunciation, vocabulary building and basic grammar. There is a continued emphasis on conversation, with additional emphasis on writing and cultural reading. French II and III will be offered as a combination class. **TOPS requires two (2) years of foreign language in the same language.**

Spanish I

SPAN I A; SPAN I B

Grades: 10-12

Recommendation: Students should have a "C" average or better in Regular Placement 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. **TOPS requires two (2) years of foreign language in the same language.**

Spanish II

SPAN II A; SPAN II B

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. **TOPS requires two (2) years of foreign language in the same language.**

HEALTH SCIENCE

Health Science I

HS I OCCUP A; HS I OCCUP B

Grades 10-11

1 year elective

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

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

Grade 11-12

1 year elective

Prerequisite: Health Science I

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

Certified Nursing Assistant (CNA)

NURSE ASST (DE) A; NURSE ASST (DE) B

Grade 12

1 CREDIT elective (2 hour block)

Prerequisite: Health Science I & II

Dual Enrollment: Northshore Tech CC

Industry-Based Certification

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.**

EKG & Body Functions

NUR/EKG/PH (DE) A

Grade 12

1 CREDIT elective (2 hour block)

Dual Enrollment: Northshore Tech CC

Industry-Based Certification

This course is designed to give the student an introduction to electrocardiogram (EKG) purposes and procedures. Students gain knowledge regarding the normal structures and functions of the heart with emphasis on the conduction system. A supervised lab portion is an integral portion of this course. Following successful completion of the course the student will be able to gain employment in a variety of health care settings. **This is a dual enrollment class taught by Northshore Technical Community College.**

Emergency Medical Technician Basic I

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

Grade 12

2 CREDIT elective (2 hour block per sem)

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**

First Responder

FRST RESPD A; FRST RESPD B

Grade 9-12

1 year elective

Industry-Based Certification

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.

INFORMATION/COMPUTER TECHNOLOGY

Introduction to Business Computer

Applications (IBCA-A)

INT BCA A;

Grade 9-12

1 semester

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. Students should be prepared for **industry based certifications in Microsoft WORD and PowerPoint.**

Introduction to Business Computer

Applications (IBCA-B)

INT BCA B

Grades 9-12

1 Semester

This course offers a focus in Microsoft Office Applications as well as Internet Technologies including research techniques, Internet safety, critically evaluating a website and more. Students should be prepared for industry based certifications in Microsoft Excel and Access.

Business Computer Applications I

Grades 10-12

1 semester elective

Prerequisite: Intro to Business Computer Applications

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.

Broadcasting II

BRDCAST II A; BRDCAST II B

Grade 11, 12

1 semester or 1 year elective

This course is designed to teach students communication through broadcasting. The following skills will be taught: writing, directing, producing, anchoring, filming, and editing.

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.

Math Skills

MATH SKL I A; MATH SKL I B

Grade 9

1 year course

***Recommended by Teacher/Admin**

This course is designed for the student who has **extreme difficulties with math**. It is for a student who scored low approaching basic on the LEAP or has poor math grades due to lack of understanding. This course will count as an elective.

Algebra I, Part 1

ALG I PT 1 A; ALG I PT 1 B

Grade 9

1 year required course

***Recommended by Teacher/Admin**

This course is designed for the student who has **extreme difficulties with math**. It is for a student who scored low approaching basic on the LEAP or has poor math grades due to lack of understanding. It covers the 1st semester of Algebra I in two semesters.

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 the End of Course Test

Algebra I (Honors)

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

1 year required course

Grade 9

By recommendation of teacher and/or administrator only

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 the End of Course Test**

Geometry

GEOM A; GEOM B

Grades 10-11

1 year required course

Prerequisite: Must have passed one semester of Algebra I

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 the End of Course Test**

Geometry (Honors)

GEOM (H) A; GEOM (H) B

Grades: 10-11

1 year required course

Requirement: "B" average 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 the End of Course Test.**

Geometry (Gifted)

GEOM (G) A; GEOM (G) B

Grades: 9-10

1 year required course

***Gifted Evaluation Required**

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 the End of Course Test**

Algebra II

ALG II A; ALG II B

1 year elective

Grades: 10-12

Recommendation course: "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 elective

Grade 10-12

Recommendation course: "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 II (G) B

Grades: 10-11

1 year elective

***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 by

problem-solving, and individualized pacing.

Business Math

BUS MATH A, BUS MATH B

Grades (11 - 12)

Prerequisite: Algebra I

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

Math Essentials

MATH EST A; MATH EST B

Grades 11-12

Prerequisite: Algebra I & Geometry

This course provides an opportunity for students to further analyze high school mathematics concepts and strengthen skills presented in Algebra I and Geometry. **This course does not count for TOPS.**

Financial Literacy

FIN LIT A; FIN LIT B

Grades: 11-12

1 year elective

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.

Pre-calculus (Honors)

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

Grades: 11-12

1 year elective

Prerequisite: 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

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

Grades: 11-12

1 year elective

Prerequisite: Algebra I, Geometry, Algebra II

*** Students must have a math score of 19 on PLAN or ACT.**

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

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

Grades: 11-12

1 year elective

Prerequisite: Algebra I, Geometry, Algebra II, and Pre-calculus.

*** Students must have a math score of 19 on PLAN or ACT.**

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 semester or 1 year 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 semester or 1 year 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

GUITAR A; GUITAR B

Grades: 9-12

1 semester or 1 year 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 are responsible for providing an Acoustic Guitar for this class.

Piano Class

PIANO A; PIANO B

Grades: 9-12

1 semester or 1 year 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 semester 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 to satisfy state graduation requirements.**

JROTC I

JR ROTC I A; JR ROTC I B

Grades 9 – 12

1 semester or 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 semester or 1 year elective

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

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 semester or 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 semester or 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

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

who is enrolled in PE is 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 semester or 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 semester or 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

*All courses will require lab fee

Physical Science

PHY SCI A; PHY SCI B

Grade 9

1 year required course

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 required course

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: 10-12

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 the End of Course Test**

Biology (Honors)

BIO (H) A; BIO (H) B

Grades: 10-12

1 year required course

Recommendation Course

Recommended: Successful completion of 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: 10-12

1 year required course

Recommendation Course:

*Gifted Special Education Evaluation

This course relies heavily on lab work and the development of critical reasoning in 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 II

BIOLOGY II A; BIOLOGY II B

Grades: 11-12

1 semester or 1 year elective

Prerequisite: Students must have completed Biology I

This course, study of the fundamental concepts of human anatomy and physiology, is designed to meet the needs of a student who wishes to study in an area of biological interest or for those who intend to enter a health related profession. Topics studied will include cellular metabolism, cellular specialization, body organization, nutrition, digestion, gas exchange, circulation, body defenses, urinary system, nervous coordination, sensory perception, chemical coordination, and human life cycle. Completion of chemistry and teacher recommendation is required.

Biology II (Honors)

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

Grades: 11-12

1 semester or 1 year elective

Prerequisite: Students must have completed Biology and Chemistry with at least a "B" average.

This course, a study of the fundamental concepts of human anatomy and physiology, is designed to meet the needs of a student who wishes to study in an area of biological interest or for those who intend to enter a health related profession. Topics studies will include cellular metabolism, cellular specialization, bogy organization, nutrition, digestion, gas exchange, circulation, body defenses, urinary system, nervous coordination, sensory perception, chemical coordination, and human life cycle. Completion of

chemistry and teacher recommendation is required.

Chemistry

CHEM A; CHEM B

Grades: 11-12

1 year elective

Recommendation: 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 elective

Recommendation: "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 elective

Recommendation course: Special Education Evaluation

This course stresses lab experiences, demonstrations, and problem solving. Topics will include in-depth coverage of topics offered in the honors as well as molecular orbital models, redox chemistry, and organic chemistry. This course is equivalent to approximately 1 semester of college chemistry. Gifted classes are characterized by compacting, acceleration, and in depth study of concepts. This course will include individualized projects and requirements.

Chemistry II (Honors)

CHEM II (H) A; CHEM II (H) B

Grades: 11-12

1 year elective

Requirement: Must have or be taking Algebra II

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.

Chemistry II (Advanced Placement)

AP CHEM II A; AP CHEM II B

Grades: 11-12

1 year elective

Requirement: Must have or be taking Algebra II

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 required 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 required course

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.

Forensic Science

FORENSICS S

Grades 11-12

1 semester elective

This course covers the study of forensic techniques used in the collections and analysis of evidence in order to insure admissibility in court. Emphasis will be placed on forensic techniques and guest speakers.

Physics (Honors)

PHYSICS (H) A; PHYSICS (H) B

Grade 12

1 year elective

Prerequisite: Students must have completed Algebra II and Chemistry and it is recommended that Pre-calculus be taken concurrently.

This course is recommended for college bound students planning to major in fields other than science or engineering. This course stresses an understanding of basic physics laws with a moderate emphasis on problem solving. Topics to be covered include motion, force, work, and various forms of energy.

Physics (Advanced Placement)

AP PHY I A; AP PHY I B

Grade 12

1 year elective

Prerequisite: Students must have completed Algebra II and Chemistry with at least a "C" average and it is recommended that Pre-calculus be taken concurrently.

This course is designed for the student who is planning to major in science or engineering in college. It is a lab-based course which deals with applications of the natural laws and problem solving. Topics to be covered include motion, force, work, energy, light, sound, electricity, and magnetism. **Students are required to take the AP Exam and are responsible for the cost of the AP exam.**

SOCIAL STUDIES

World Geography

WLD GEOG A; WLD GEOG B

Grade 9

1 year required course

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 9

1 year required course

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 9

1 year required course

***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.

Civics

CIVICS A; CIVICS 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.

Civics (Honors)

CIVICS (H) A; CIVICS (H) B

Grade 10

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.

Civics (Gifted)

CIVICS (G) A; CIVICS (G) B

Grade 9

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

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

American History

**AM HIST A; AM HIST 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 the End of Course Test

American History (AP)

**AP AM HIST A; AP AM HIST B
Grade 11**

1 year required course

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 required to take the comprehensive AP Exam near the end of the course and are responsible for the cost of the AP exam.

World History

**WLD HIST A; WLD HIS B
Grades: 10-12**

1 year elective course

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 HIS A; AP WLD HIS B
Grades: 10-12**

1 year elective course

Teacher recommendation required

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. **Students that enroll in an AP course are required 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. As of 2012-2013, completion of this course does not satisfy social studies course requirements for the TOPS Opportunity Award.

Psychology/Dual Enrollment

**PSYCH (DE) (H) A;
Nunez Community College
Grades: 11-12**

1 semester elective

***Student must score 18 on the English component of the PLAN 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.

Sociology/Dual Enrollment

**SOCIO (DE) (H) A
Nunez Community College
Grades: 11-12**

1 semester elective

***Student must score 18 on the English component of the PLAN 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.

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
Grades 10-12**

1-Year 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

**Northshore Tech Community College
CMAD DRAFT (DE) A;
CMAD DRAFT (DE)B
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
Grade 11, 12**

**1 semester or year elective
(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
Grade 11, 12**

(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
Grade 10, 11, 12**

1 semester elective

**Dual Enrollment: Northshore Tech CC
IBC available: NCCER CORE**

An introduction to the occupation of welding including facility layout, policies, safety and health procedures, information and practice concerning basic safety, safe operation of hand and power tools, materials handling and

maintenance of a safe working environment. Students are introduced to safe welding practices, communication skills, and essential workplace skills. Students will complete the NCCER Core Curriculum.

NCCER Welding Technology I
NCCER WLD I(DE) A; NCCER WLD I(DE)
Grades: 10-12

Dual Enrollment
Northshore Tech Community College
1 year elective course

This course provides the students the skills necessary for a career with a basic entry-level position in welding. The course will introduce the students to the areas of shielded arc welding, oxy-fuel cutting, welding safety, blueprint reading, welding terminology, and agricultural manufacturing. The emphasis for this course will be developing the student's skills and understanding of the welding field. Topics of study include: welding safety, tool identification and care, oxy-fuel cutting, shielded arc welding, welding joints, welding positions, and special applications of welding. This course is a dual enrollment course with Northshore Technical College. **Students will complete the NCCER Core Curriculum and Welding Level I Certification.**

NCCER Welding Technology II
NCCER WLD II(DE) A; NCCER WLD II(DE)
Grades: 11-12

Dual Enrollment
Northshore Tech Community College
1 year elective course

This course provides the students the skills necessary for a career with An advanced level position in welding. The emphasis for this course will be developing the student's advanced skills and understanding of the welding field. This course is a dual enrollment course with Northshore Technical College. **Students will complete the NCCER Core Curriculum and Welding Level II Certification.**

Talented Art II
GT V ART II A; GT V ART II B
Grades 10-12
1 semester or 1 year elective

Talented Art III
GT V ART III A; GT V ART III B
Grades 11-12
1 semester or 1 year elective
Talented Art IV
GT V ART IV A; GT V ART IV B
Grade 12
1 semester or 1 year elective

MUSIC

Talented Music I
G&T MUSIC I A; G&T MUSIC I B
Grades 9-12
1 semester or 1 year elective
Talented Music II
G&T MUSIC II A; G&T MUSIC II B
Grades 10-12
1 semester or 1 year elective
Talented Music III
G&T MUSIC III A; G&T MUSIC III B
Grades 11-12
1 semester or 1 year elective
Talented Music IV
G&T MUSIC IV A; G&T MUSIC IV B
Grade 12
1 semester or 1 year elective

THEATRE

Talented Theatre I
G&T THEATRE I A; G&T THEATRE I B
Grades 9-12
1 semester or 1 year elective
Talented Theatre II
G&T THEATRE II A; G&T THEATRE II B
Grades 9-12
1 semester or 1 year elective
Talented Theatre III
G&T THEATRE III A; G&T THEATRE III B
Grades 9-12
1 semester or 1 year elective
Talented Theatre IV
G&T THEATRE IV A; G&T THEATRE IV B
Grades 9-12
1 semester or 1 year elective

A determination of courses will be made at the student's Individualized Education Plan (IEP) meeting. If a student is pursuing a high school diploma, he/she must meet the same criteria for regular students in State Bulletin 741. If the student is placed in Alternative Programming, he/she shall receive a certificate of achievement by meeting life skills and community goals as outlined in the I.E.P. Any student taking a Special Education Course must have a current evaluation.

English I (Special Education)
Eng I (R) A; Eng I (R) B
 Grade 9
 1 year required course
 Special Education Evaluation Required
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 End of Course Test
English III (Special Education)
Eng III (R) A; Eng III (R) B
 Grade 11
 1 year required course
 Special Education Evaluation Required
 *Students are required to take End of Course Test
English IV (Special Education)
Eng IV (R) A; Eng IV (R) B
 Grade 12
 1 year required course
 Special Education Evaluation Required
 *Students are required to complete a Senior Project research paper.

Civics (Special Education)
CIVICS (R) A; CIVICS (R) B
 Grade 10
 1 year required course
 Special Education Evaluation Required

American History (Special Education)
AM HIST (R) A; AM HIST (R) B
 Grade 11
 1 year required course
 Special Education Evaluation Required

Study Skills I (Special Education)
STDY SKL 1 A; STDY SKL 1 B
Study Skills II (Special Education)
STDY SKL 2 A; STDY SKL 2 B
Study Skills III (Special Education)
STDY SKL 3 A; STDY SKL 3 B
Study Skills IV (Special Education)
STDY SKL 4 A; STDY SKL 4 B
Grades 9-12
1 semester or 1 year elective

SPECIAL EDUCATION
(TALENTED)

***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 semester or 1 year elective

SPECIAL EDUCATION
(Disabled)

In accordance with IDEA and State Bulletin 1508, special education courses are designed to meet individual needs of exceptional students through age 21 or when their course of study is completed.

PRACTICE SCHEDULE CARD

Below is a practice chart for selecting courses for the 2016-2017 school year. When you choose your courses, keep in mind the graduation requirements, TOPS requirements, and TOPS TECH Career Pathways 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	

SCHEDULING NOTES