Pearl River High School
Course and Curriculum Guide

2020-2021

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</tr>
</tbody>
</table>
INTRODUCTION

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

COUNSELORS

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

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

LEAP 2025

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

DUAL ENROLLMENT PROGRAM

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

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

Career and Technical Education

Annual Public Notification

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

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

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

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

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

**LA TOPS TECH CAREER CURRICULUM** Tops Tech is the state’s new initiative for school districts, colleges, and businesses to collaborate in providing career courses and workplace experiences to high school students, allowing students to continue their education after high school, and certifying them for career fields most likely to lead to high-wage jobs. A parent or guardian must sign the Louisiana TOPS TECH Career Diploma form to take advantage of the LA TOPS TECH Diploma Curriculum. A sample of this form is on page 5 of this booklet. Students completing the TOPS TECH pathway will be required to take the Work Keys Assessment.

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

**INDIVIDUAL GRADUATION PLAN REQUIREMENTS**

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

The student, parents/guardians, and counselor will review the plan and initial the respective grade level regardless of changes annually. IGP forms 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 DISCUSSIONED.

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 ______________________
## Individual Graduation Plan

### Basic Information

<table>
<thead>
<tr>
<th>Name:</th>
<th>9th Grade Entry Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>High School Attending:</td>
<td>Originating Middle School:</td>
</tr>
</tbody>
</table>

### Education Goals

- **Diploma Type:**
  - TOPS University Diploma
  - Jump Start TOPS Tech (Career) Diploma
- **Diploma Curriculum:**
  - TOPS University
  - Basic (Entering fresh through 2013-2014)
  - TOPS Tech
- **Diploma Endorsements:**
  - Academic Endorsement
  - Career/Technical Endorsement
  - Community Service Diploma Endorsement
  - State Seal of Biliteracy
- **Post-Secondary Plans:**
  - Technical College
  - Community College
  - 4 Year College or University
  - Financial Aid Completion Date
- **Potential TOPS Eligibility:**
  - TOPS Honors
  - TOPS Performance
  - TOPS Opportunity
  - TOPS Tech Early Start
  - TOPS Tech Jump Start
  - TOPS Tech I
  - TOPS Tech II

### Career Goals

- **Career Specialty/Occupation [Option 1]:**
- **Career Cluster™ [Option 1]:**
- **Career Specialty/Occupation [Option 2]:**
- **Career Cluster™ [Option 2]:**
- **Jump Start Grad. Pathway/Area of Concentration:**
- **Jump Start Grad. Pathway/Area of Concentration:**
- **Post-High School Work Force Plans:**
  - On-the-Job Training
  - Military
  - Employment

### Course Selections for Your Chosen Pathway

<table>
<thead>
<tr>
<th>Subjects</th>
<th>6th-8th/9th Grade</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
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</thead>
<tbody>
<tr>
<td>English</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Social Science</td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>Health</td>
<td></td>
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<td></td>
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<tr>
<td>Physical Education</td>
<td></td>
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<td></td>
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<td>Foreign Languages</td>
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<tr>
<td>Arts</td>
<td></td>
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<td>Electives / CTE</td>
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</tr>
<tr>
<td>Electives</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

### Extracurricular & Employment Activities

<table>
<thead>
<tr>
<th>Extracurricular</th>
<th>Awards/Industry-Based Certifications</th>
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</thead>
<tbody>
<tr>
<td>Employment</td>
<td></td>
</tr>
<tr>
<td>Community Service</td>
<td></td>
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</tbody>
</table>

### Assessments

<table>
<thead>
<tr>
<th>Academic</th>
<th>Personal</th>
</tr>
</thead>
<tbody>
<tr>
<td>College and Career Readiness</td>
<td>EXPLORE</td>
</tr>
<tr>
<td></td>
<td>ASPIRE</td>
</tr>
<tr>
<td></td>
<td>ACT</td>
</tr>
<tr>
<td></td>
<td>Math</td>
</tr>
<tr>
<td></td>
<td>Science</td>
</tr>
<tr>
<td></td>
<td>Social Studies</td>
</tr>
<tr>
<td></td>
<td>English</td>
</tr>
<tr>
<td></td>
<td>English</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Gifted &amp; Talented Courses</td>
</tr>
<tr>
<td>Course</td>
<td>Credit</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Signature Approval

<table>
<thead>
<tr>
<th>Student</th>
<th>8th/9th Date</th>
<th>9th Date</th>
<th>10th Date</th>
<th>11th Date</th>
<th>12th Date</th>
</tr>
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<tbody>
<tr>
<td>Parent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Counselor/Advisor</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>January 1, 2017</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

### Principal’s Signature

**DATE**

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

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

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

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

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

**LOUISIANA PUBLIC UNIVERSITY ADMISSIONS**

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

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

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

<table>
<thead>
<tr>
<th>DESIGNATED WEIGHTED COURSE LIST</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENGLISH</strong></td>
</tr>
<tr>
<td>English I (H) (G)</td>
</tr>
<tr>
<td>English II (H) (G)</td>
</tr>
<tr>
<td>English III (H) (AP)</td>
</tr>
<tr>
<td>English IV (H) (DE)</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
**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:

<table>
<thead>
<tr>
<th>Classes</th>
<th>Class of 2012 and Thereafter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sophomores</td>
<td>5 Units</td>
</tr>
<tr>
<td>Juniors</td>
<td>11 Units</td>
</tr>
<tr>
<td>Seniors</td>
<td>17 Units</td>
</tr>
<tr>
<td><strong>Total Units for Graduation-LA University Diploma</strong></td>
<td><strong>24 Units</strong></td>
</tr>
<tr>
<td><strong>Total Units for Graduation-TOPS Tech</strong></td>
<td><strong>23 Units</strong></td>
</tr>
</tbody>
</table>

# LOUISIANA TOPS UNIVERSITY DIPLOMA CURRICULUM

<table>
<thead>
<tr>
<th>Earned Credit</th>
<th>Courses</th>
<th>Credit Needed</th>
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<tbody>
<tr>
<td></td>
<td><strong>English</strong></td>
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<tr>
<td></td>
<td>English I</td>
<td>1</td>
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<tr>
<td></td>
<td>English II</td>
<td>1</td>
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<tr>
<td></td>
<td>English III</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>English IV</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>Math</strong></td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Algebra I</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Geometry</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Algebra II</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Algebra III, Pre-Calculus, or Calculus,</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>Social Studies</strong></td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>U.S. Government</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>U.S. History</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>World Geography and World History</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>Science</strong></td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Biology</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Chemistry</td>
<td>1</td>
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<tr>
<td></td>
<td>Physics, Biology II, Chemistry II,</td>
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</tr>
<tr>
<td></td>
<td>Environmental Science, Anatomy &amp;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Physiology, or Physical Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Physical Education/Health</strong></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Physical Education I or JROTC I</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Physical Education II or JROTC II</td>
<td>.5</td>
</tr>
<tr>
<td></td>
<td>Health (JROTC I and II will substitute for .5 Health)</td>
<td>.5</td>
</tr>
<tr>
<td></td>
<td><strong>Foreign Language</strong></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Must be the same language</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>Fine Arts</strong></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Fine Arts Survey, Art, Music, or Theater, Drafting,</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Dance</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Electives</strong></td>
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<tr>
<td></td>
<td>Electives (3 credits)</td>
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</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td>24</td>
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</table>

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

<table>
<thead>
<tr>
<th>Earned Credit</th>
<th>Courses</th>
<th>Credit Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>English I</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>English II</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>English III or Business English</td>
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<td></td>
</tr>
<tr>
<td>English IV or Technical Writing</td>
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<td></td>
</tr>
<tr>
<td>Math</td>
<td>4</td>
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</tr>
<tr>
<td>Algebra I</td>
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<tr>
<td>Geometry, Algebra II, Math Essentials, Financial Literacy, or Business Math</td>
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</tr>
<tr>
<td>Social Studies</td>
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<tr>
<td>U.S. Government</td>
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<tr>
<td>U.S. History</td>
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<td>Science</td>
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<td></td>
</tr>
<tr>
<td>Biology</td>
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<td></td>
</tr>
<tr>
<td>Physical Science, Chemistry, or Environmental Science</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Physical Education/Health</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Physical Education I or JROTC I</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Physical Education II or JROTC II</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>Health (JROTC I and II will substitute for .5 Health for Classes of 2014 and subsequent classes)</td>
<td>.5</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>*Shall include minimum courses required to complete LA TOPS TECH Career Diploma with required certification.</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td><strong>23</strong></td>
<td></td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>State Pathway</th>
<th>Integrated Pathway</th>
<th>Regional Pathway</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carpentry</td>
<td>Agriculture Technician</td>
<td>Business Management</td>
</tr>
<tr>
<td>Certified Nursing Assistant</td>
<td>Hospitality, Tourism, Culinary and Retail</td>
<td>Public Service</td>
</tr>
<tr>
<td>Emergency Medical Technician</td>
<td>Information Technology</td>
<td>Carpenter’s Helper</td>
</tr>
<tr>
<td>Internet Web Foundations</td>
<td>Manufacturing, Construction Crafts, and Logistics</td>
<td>Workplace Safety</td>
</tr>
<tr>
<td>Prostart</td>
<td></td>
<td>Welder’s Helper</td>
</tr>
<tr>
<td>Welder</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## TOPS TECH PATHWAYS FOR CAREER AND TECHNICAL EDUCATION

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

### SAMPLE SCHEDULE - CARPENTRY

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Elective Pathway Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra I</td>
<td>Geometry</td>
<td>Financial</td>
<td>Business Math</td>
<td>Agriscience I, II</td>
</tr>
<tr>
<td>English I</td>
<td>English II</td>
<td>Literacy</td>
<td>Technical Writing</td>
<td>Basic Technical Drafting</td>
</tr>
<tr>
<td>U.S. Government</td>
<td>P.E. II/ Health or JROTC II</td>
<td>Business English</td>
<td>CMAD Drafting</td>
<td>CTE Internship I</td>
</tr>
<tr>
<td>P.E. I or JROTC I</td>
<td>Agriscience I</td>
<td>U.S. History</td>
<td>CTE Internship II</td>
<td>CTE Internship II</td>
</tr>
<tr>
<td>Agriscience II</td>
<td>Agriscience II</td>
<td>Biology</td>
<td>Entrepreneurship</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>IBCA</td>
<td>Principles of Bus.</td>
<td>NCCER</td>
<td>First Responder</td>
<td>First Responder</td>
</tr>
<tr>
<td>Basic Career Readiness</td>
<td>Speech I</td>
<td>Carpentry I</td>
<td>IBCA</td>
<td>IBCA</td>
</tr>
<tr>
<td></td>
<td>Elective Course</td>
<td>Elective Course</td>
<td>Agriscience I</td>
<td>Agriscience I</td>
</tr>
</tbody>
</table>

|                          |                  |                  |                  |                  |
| 7 credits               | 7 credits        | 7 credits        | 7 credits        |                  |

### Credential Earned

- Advanced Credential - NCCER Carpentry Level 2
- Basic Credential – NCCER Carpentry Level 1

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**  
High-Demand Careers Related to this Pathway

<table>
<thead>
<tr>
<th>Statewide</th>
<th>Certified Nurse Assistant (CNA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Star: Medical and Health Service Managers; LPN; RN</td>
<td></td>
</tr>
<tr>
<td>3 Star: Medical Records and Health Information Technicians; Health Science Teachers; Medical Transcriptionist</td>
<td></td>
</tr>
<tr>
<td>2 Star: Medical Secretaries; Office Clerks; Receptionists and Information Clerks; Home Health Aides; Nursing Aides; Orderlies; &amp; Attendants</td>
<td></td>
</tr>
</tbody>
</table>

**SAMPLE SCHEDULE  CERTIFIED NURSE ASSISTANT (STATEWIDE GRADUATION PATHWAY)**

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Elective Pathway Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra I</td>
<td>Geometry</td>
<td>Financial Literacy</td>
<td>Business Math</td>
<td>Advanced Nutrition and Foods</td>
</tr>
<tr>
<td>English I</td>
<td>English II</td>
<td>Business English</td>
<td>Technical Writing</td>
<td>BCA</td>
</tr>
<tr>
<td>Environmental Sc.</td>
<td>Health Science I</td>
<td>U.S. History</td>
<td>Certified Nurse Assistant/ EKG</td>
<td>Certified Nursing Assistant</td>
</tr>
<tr>
<td>U.S. Government</td>
<td>P.E. II / Health or JROTC II</td>
<td>Biology</td>
<td>CTE Internship I</td>
<td>CTE Internship I</td>
</tr>
<tr>
<td>P.E. I or JROTC I</td>
<td>Nutrition and Food/ Adv. Nut. &amp; Food</td>
<td>Health Science II</td>
<td>CTE Internship II</td>
<td>EKG I</td>
</tr>
<tr>
<td>Speech I</td>
<td>First Responder</td>
<td>First Responder</td>
<td>Fourth Responder</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>Basic Career Readiness</td>
<td>Elective Course</td>
<td>Health Science I, II</td>
<td>Health Science I, II</td>
<td>First Responder</td>
</tr>
<tr>
<td>BCA</td>
<td></td>
<td>IBCA</td>
<td></td>
<td>Health Science I, II</td>
</tr>
<tr>
<td>Emergency Medical Technology</td>
<td></td>
<td></td>
<td></td>
<td>IBCA</td>
</tr>
<tr>
<td>Law Studies</td>
<td></td>
<td></td>
<td></td>
<td>Emergency Medical Technology</td>
</tr>
<tr>
<td>Nutrition &amp; Food Principles of Business</td>
<td></td>
<td></td>
<td></td>
<td>Law Studies</td>
</tr>
<tr>
<td>Psychology</td>
<td></td>
<td></td>
<td></td>
<td>Nutrition &amp; Food Principles of Business</td>
</tr>
<tr>
<td>Quest for Success</td>
<td></td>
<td></td>
<td></td>
<td>Psychology</td>
</tr>
<tr>
<td>Speech I, II</td>
<td></td>
<td></td>
<td></td>
<td>Quest for Success</td>
</tr>
</tbody>
</table>

7 credits 7 credits 7 credits 7 credits

Credential Earned  
Certified Nurse Aide – Department of Health and Hospitals, Health Standards Section

**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.**
<table>
<thead>
<tr>
<th>Pathway Name</th>
<th>Emergency Medical Tech</th>
<th>Statewide</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-Demand Careers Related to this Pathway</td>
<td>4 Star: Emergency Medical Technicians &amp; Paramedics</td>
<td>3 Star: Emergency Management Directors</td>
</tr>
<tr>
<td></td>
<td>3 Star: Emergency Management Directors</td>
<td>2 Star: Ambulance Drivers and Attendants</td>
</tr>
</tbody>
</table>

### SAMPLE SCHEDULE – EMERGENCY MEDICAL TECH

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Elective Pathway Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra I</td>
<td>Geometry</td>
<td>Financial Literacy</td>
<td>Business Math</td>
<td>Advanced Nutrition and Foods</td>
</tr>
<tr>
<td>English I</td>
<td>English II</td>
<td>Business English</td>
<td>Technical Writing</td>
<td>Certified Nursing Assistant</td>
</tr>
<tr>
<td>Environmental Sc.</td>
<td>Health Science I</td>
<td>U.S. History</td>
<td>Emergency Medical Tech</td>
<td>CTE Internship I, II</td>
</tr>
<tr>
<td>U.S. Government</td>
<td>P.E. II / Health or JROTC II</td>
<td>Biology</td>
<td>Basic</td>
<td>Emergency Medical Technician Basic</td>
</tr>
<tr>
<td>P.E. I or JROTC I</td>
<td>Health Science II</td>
<td>First Responder</td>
<td>CTE Internship II</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>IBCA</td>
<td>Elective Course</td>
<td>Elective Course</td>
<td>Elective Course</td>
<td>First Responder</td>
</tr>
<tr>
<td>Basic Career Readiness</td>
<td></td>
<td></td>
<td></td>
<td>Health Science I, II</td>
</tr>
<tr>
<td>7 credits</td>
<td>7 credits</td>
<td>7 credits</td>
<td>7 credits</td>
<td>IBCA</td>
</tr>
<tr>
<td>Credential Earned</td>
<td></td>
<td></td>
<td></td>
<td>Law Studies</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Nutrition &amp; Food</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Principles of Business</td>
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<td></td>
<td>Psychology</td>
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<td></td>
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<td></td>
<td>Quest for Success</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Speech I, II</td>
</tr>
</tbody>
</table>

**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.**
<table>
<thead>
<tr>
<th>Pathway Name</th>
<th>ProStart / Restaurant (including ServSafe)</th>
<th>Statewide</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-Demand Careers Related to this Pathway</td>
<td>5 Star: General &amp; Operations Managers in Food Service; Market Managers &lt;br&gt;4 Star: Chefs &amp; Head Cooks; Dietitians &amp; Nutritionists; Food Service Managers &lt;br&gt;3 Star: Food Science Technicians; First-Line Supervisors of Food Preparation &amp; Serving Workers; Food Scientists &amp; Technologists</td>
<td></td>
</tr>
</tbody>
</table>

**SAMPLE SCHEDULE – PROSTART/RESTAURANT**

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Elective Pathway Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra I</td>
<td>Geometry</td>
<td>Financial Literacy</td>
<td>Business Math</td>
<td>Advanced Nutrition &amp; Food</td>
</tr>
<tr>
<td>English I</td>
<td>English II</td>
<td>Business English</td>
<td>Technical Writing</td>
<td>AgriScience I, II*</td>
</tr>
<tr>
<td>U.S. Government</td>
<td>P.E. II / Health or JROTC II</td>
<td>Biology</td>
<td>First Responder</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>P.E. I or JROTC I</td>
<td>Elective Course</td>
<td>ProStart I</td>
<td>First Responder</td>
<td>First Responder</td>
</tr>
<tr>
<td><strong>FACS</strong></td>
<td><strong>Basic Career Readiness</strong></td>
<td>Meat Processing</td>
<td>Elective Course</td>
<td>Health Science I, II</td>
</tr>
<tr>
<td><strong>BASIC:</strong></td>
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<td></td>
<td></td>
<td>IBCA</td>
</tr>
<tr>
<td></td>
<td></td>
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<td>Law Studies</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>Meat Processing</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>Nutrition &amp; Food</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Principles of Business</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ProStart I, II</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td>Quest for Success</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Speech I, II</td>
</tr>
</tbody>
</table>

7 credits | 7 credits | 7 credits | 7 credits | |

Credential Earned: **BASIC:** ProStart National Certificate of Achievement and ServSafe Food Protection Manager Certificate, National Restaurant Association

*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*
# Pearl River High Course Description Guide 2019-2020

<table>
<thead>
<tr>
<th>Pathway Name</th>
<th>Welder</th>
<th>Statewide</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-Demand Careers Related to this Pathway</td>
<td>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</td>
<td></td>
</tr>
</tbody>
</table>

## SAMPLE SCHEDULE – WELDER

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Elective Pathway Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra I</td>
<td>Geometry</td>
<td>Financial Literacy</td>
<td>Business Math</td>
<td>AgriScience I</td>
</tr>
<tr>
<td>English I</td>
<td>English II</td>
<td>Business English</td>
<td>Technical Writing</td>
<td>AgriScience II*</td>
</tr>
<tr>
<td>U.S. Government</td>
<td>Agriculture II</td>
<td>U.S. History</td>
<td>NCCER Welding-II</td>
<td>Basic Technical Drafting</td>
</tr>
<tr>
<td>P.E. I or JROTC I</td>
<td>P.E. II / Health or JROTC II</td>
<td>Biology</td>
<td>NCCER Carpentry I</td>
<td>CMAD Drafting</td>
</tr>
<tr>
<td>IBCA</td>
<td>Elective Course</td>
<td>NCCER Welding I</td>
<td>Elective Course</td>
<td>CTE Internship I, II</td>
</tr>
<tr>
<td>Basic Career Readiness</td>
<td></td>
<td></td>
<td></td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>Agriculture I</td>
<td></td>
<td></td>
<td></td>
<td>First Responder</td>
</tr>
<tr>
<td>7 credits</td>
<td>7 credits</td>
<td>7 credits</td>
<td>7 credits</td>
<td>IBCA</td>
</tr>
<tr>
<td>Credential Earned</td>
<td></td>
<td></td>
<td></td>
<td>Law Studies</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NCCER Carpentry I, II</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NCCER Welding I, II</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Principles of Business</td>
</tr>
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<td></td>
<td>Quest for Success</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Speech I, II</td>
</tr>
</tbody>
</table>

*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
High-Demand Careers Related to this Pathway

#### Agriculture Technician
- 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

#### Integrated
- 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

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Elective Pathway Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra I</td>
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<td>Financial Literacy</td>
<td>Business Math</td>
<td>AgriScience I, II</td>
</tr>
<tr>
<td>English I</td>
<td>English II</td>
<td>Business English</td>
<td>Technical Writing</td>
<td>Basic Tech. Drafting</td>
</tr>
<tr>
<td>U.S. Government</td>
<td>Agriscience II</td>
<td>U.S. History</td>
<td>NCCER Welding II</td>
<td>CMAD Drafting</td>
</tr>
<tr>
<td>P.E. I or JROTC I</td>
<td>P.E. II / Health or JROTC II</td>
<td>Biology</td>
<td>CTE Internship I</td>
<td>CTE Internship I, II</td>
</tr>
<tr>
<td>Basic Career Readiness</td>
<td>Elective Course</td>
<td>NCCER Welding I*</td>
<td>CMAD Drafting</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>IBCA</td>
<td></td>
<td>Meat Processing</td>
<td>Entrepreneurship or</td>
<td>First Responder</td>
</tr>
<tr>
<td>Agriscience I</td>
<td></td>
<td></td>
<td>Principles of Business</td>
<td>IBCA</td>
</tr>
</tbody>
</table>

|                              | 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 (1st four modules AWS lev. 1)

#### Complementary credentials – Must Earn 2

<table>
<thead>
<tr>
<th>Microsoft Word, Excel, PPT</th>
<th>OSHA 10</th>
<th>WorkKeys Silver</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Aid/CPR/AED</td>
<td>NCCER Core (NCCER)</td>
<td>Customer Service</td>
</tr>
</tbody>
</table>

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## Pathway Name
**High-Demand Careers Related to this Pathway**

<table>
<thead>
<tr>
<th>Pathway Name</th>
<th>Hospitality, Tourism, Culinary and Retail</th>
<th>Integrated</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hospitality:</strong> 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</td>
<td><strong>Tourism:</strong> 4 Star – Lodging Manager; 2 Star – Hotel Desk Clerk; Tour Guide and Escort; Travel Agent</td>
<td><strong>Culinary:</strong> 4 Star – Food Service Manager; Chefs and Head Cook; 3 Star – First Line Supervisor of Food Prep and Serving Workers</td>
</tr>
</tbody>
</table>

## SAMPLE SCHEDULE – HOSPITALITY, TOURISM, CULINARY AND RETAIL

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Elective Pathway Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra I</td>
<td>Geometry</td>
<td>Financial Literacy</td>
<td>Business Math</td>
<td>Advanced Food and Nutrition</td>
</tr>
<tr>
<td>English I</td>
<td>English II</td>
<td>Business English</td>
<td>Technical Writing</td>
<td>Ag Science I</td>
</tr>
<tr>
<td>U.S. Government</td>
<td>P.E. II / Health or JROTC II</td>
<td>Biology</td>
<td>CTE Internship I</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>P.E. I or JROTC I</td>
<td>Elective Course</td>
<td>ProStart I</td>
<td>First Responder</td>
<td>First Responder</td>
</tr>
<tr>
<td><strong>Basic Career Readiness</strong></td>
<td></td>
<td><strong>Entrepreneurship or Principles of Business</strong></td>
<td>Food and Nutrition</td>
<td>Food and Nutrition</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Health Science I, II</td>
<td>IBCA</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Law Studies</td>
<td>Nutrition &amp; Food</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Principles of Business</td>
<td>ProStart I, II</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Quest for Success</td>
<td>Speech I, II</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7 credits</td>
<td>7 credits</td>
<td>7 credits</td>
<td>7 credits</td>
<td></td>
</tr>
</tbody>
</table>

### 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

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*Courses that count towards a graduation requirement cannot count towards the 9 Carnegie credits for a graduation pathway.*
<table>
<thead>
<tr>
<th>Pathway Name</th>
<th>Manufacturing, Construction Crafts, and Logistics</th>
<th>Integrated</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-Demand Careers Related to this Pathway</td>
<td>5 Star: Service Unit Operator; Heating, Air Conditioning &amp; Refrigeration Mechanic &amp; Installer; Cost Estimator; Inspector, Mechanical Engineer; Welder 4 Star: Derrick Operators; Rotary Drill Operator; Roustabouts; Bus &amp; Truck Mechanic; Diesel Engine Specialist; Farm Equipment Mechanic and Service Technician; AgriScience Teacher 3 Star: Engine &amp; 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</td>
<td></td>
</tr>
</tbody>
</table>

**SAMPLE SCHEDULE – MANUFACTURING, CONSTRUCTION CRAFTS, AND LOGISTICS**

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Elective Pathway Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra I</td>
<td>Geometry</td>
<td>Financial Literacy</td>
<td>Business Math</td>
<td>Agriculture II</td>
</tr>
<tr>
<td>English I</td>
<td>English II</td>
<td>Business English</td>
<td>Technical Writing</td>
<td>Carpentry I, II</td>
</tr>
<tr>
<td>U.S. Government</td>
<td>P.E. II/ Health or JROTC II</td>
<td>U.S. History</td>
<td>Entrepreneurship</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>P.E. I or JROTC I</td>
<td>Agriscience II</td>
<td>Biology</td>
<td>CMAD</td>
<td>First Responder</td>
</tr>
<tr>
<td><em>IBCA Basic Career Readiness Agriscience I</em></td>
<td>Elective</td>
<td><em>Carpentry I or Welding I</em></td>
<td><em>Carpentry II or Welding II</em></td>
<td>IBCA</td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>Basic Drafting</em></td>
<td><em>First Responder</em></td>
<td>Law Studies</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NJROTC III, IV</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Principals of Business</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Quest for Success</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Speech I, II</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Welding I, II</td>
</tr>
<tr>
<td>7 credits</td>
<td>7 credits</td>
<td>7 credits</td>
<td>7 credits</td>
<td></td>
</tr>
</tbody>
</table>

**CREDENTIALS EARNED**

<table>
<thead>
<tr>
<th>Basic Statewide Credential-Earn 1</th>
<th>Regional Credential</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCCER Carpentry I</td>
<td>Core Credential – Must Earn 1</td>
</tr>
<tr>
<td>NCCER Welding Level I</td>
<td>Emergency Medical Responder, FEMA,</td>
</tr>
<tr>
<td>ADDA Apprentice Drafter</td>
<td>NCCER Core and Carpentry or Welder Helper Modules</td>
</tr>
</tbody>
</table>

**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**
<table>
<thead>
<tr>
<th>Pathway Name</th>
<th>Internet Web Foundation</th>
<th>Integrated</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-Demand Careers Related to this Pathway</td>
<td>5 Star: Network &amp; Computer Systems Administrators; Computer &amp; Information Systems Managers; Computer Programmer; General &amp; Operations Managers; Software Developers</td>
<td>4 Star: Computer Network Support Specialist; Graphic Designers; Web Designer</td>
</tr>
</tbody>
</table>

**SAMPLE SCHEDULE – Internet Web Foundation**

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Elective Pathway Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra I</td>
<td>Geometry</td>
<td>Financial Literacy</td>
<td>Business Math</td>
<td>Agriculture I, II</td>
</tr>
<tr>
<td>English I</td>
<td>English II</td>
<td>Technical Writing</td>
<td>Business English</td>
<td>Basic Tech Drafting</td>
</tr>
<tr>
<td>Environmental Sc.</td>
<td>P.E. II/ Health or JROTC II</td>
<td>U.S. History</td>
<td>Entrepreneurship or Principles of Bus.</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>U.S. Government</td>
<td>Creative Coding in Games and Apps</td>
<td>Biology</td>
<td>Carpenter II or Carpenter I</td>
<td>First Responder</td>
</tr>
<tr>
<td>P.E. I or JROTC I</td>
<td>Elective</td>
<td>First Responder</td>
<td>Welding I or CMAD</td>
<td>IBCA</td>
</tr>
<tr>
<td><strong>IBCA Basic Career Readiness</strong></td>
<td><strong>IBCA First Responder</strong></td>
<td><strong>Elective</strong></td>
<td><strong>Elective</strong></td>
<td><strong>Elective</strong></td>
</tr>
<tr>
<td>7 Credits</td>
<td>7 Credits</td>
<td>7 Credits</td>
<td>7 Credits</td>
<td></td>
</tr>
</tbody>
</table>

**CREDENTIALS EARNED**

**REQUIRED BASIC STATEWIDE CREDENTIAL**

| CIW Internet Business Associate Certification | Core Credential – Must Earn 1 |

**Complementary Credentials – Must Earn 2**

| Microsoft Word, Excel, PPT | WorkKeys Silver |
| OSHA 10 | First Aid/CPR/AED |

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<table>
<thead>
<tr>
<th>Pathway Name</th>
<th>Business Management</th>
<th>Regional</th>
</tr>
</thead>
</table>
| High-Demand Careers Related to this Pathway | **Retail Management** – 5 Star: Sales Managers; 4 Star: First-Line Supervisors of Retail Workers. Also: Store Managers, Assistant Store Managers.  
**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  
**Hospitality Management** - 5 Star – General and Operations Managers; 4 Star – Food Service Managers; Lodging Managers; | |

### SAMPLE SCHEDULE – BUSINESS MANAGEMENT

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Elective Pathway Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra I</td>
<td>Geometry</td>
<td>Financial Literacy</td>
<td>Business Math</td>
<td>Ag Science I</td>
</tr>
<tr>
<td>English I</td>
<td>English II</td>
<td>Business English</td>
<td>Technical Writing</td>
<td>CTE Internship I, II</td>
</tr>
<tr>
<td>Environmental Sc.</td>
<td>Speech II</td>
<td>U.S. History</td>
<td>Accounting I</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>U.S. Government</td>
<td>P.E. II/ Health</td>
<td>Biology</td>
<td>CTE Internship II</td>
<td>First Responder</td>
</tr>
<tr>
<td>P.E. I or JROTC I</td>
<td>JROTC II</td>
<td>First Responder</td>
<td>Principles of Business</td>
<td>IBCA</td>
</tr>
<tr>
<td>Speech I</td>
<td>Elective</td>
<td>Entrepreneurship</td>
<td>Business</td>
<td>Law Studies</td>
</tr>
<tr>
<td>Basic Career Readiness</td>
<td></td>
<td>Elective</td>
<td>Elective</td>
<td>NJROTC III, IV</td>
</tr>
</tbody>
</table>

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>7 Credits</td>
<td>7 Credits</td>
<td>7 Credits</td>
<td>7 Credits</td>
<td></td>
</tr>
</tbody>
</table>

### REQUIRED CREDENTIALS

**Core Credential – Must Earn 1**

Customer Service and Sales

**Complementary Credentials – Must Earn 2**

- Microsoft Word, Excel, PowerPoint
- First Aid/CPR/AED
- WorkKeys Silver
- OSHA 10 General Industry

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<table>
<thead>
<tr>
<th>Pathway Name</th>
<th>Carpenter’s Helper</th>
<th>Regional</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-Demand Careers Related to this Pathway</td>
<td>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</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Elective Pathway Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra I</td>
<td>Geometry</td>
<td>Financial Literacy</td>
<td>Business Math</td>
<td>Agriculture II</td>
</tr>
<tr>
<td>English I</td>
<td>English II</td>
<td>Business English</td>
<td>Technical Writing</td>
<td>Basic Tech. Drafting</td>
</tr>
<tr>
<td>U.S. Government</td>
<td>P.E. / Health or JROTC II</td>
<td>U.S. History</td>
<td>Carpenter II or Welding II</td>
<td>Carpenter I, II</td>
</tr>
<tr>
<td>P.E. I or JROTC I</td>
<td>NCCER Core</td>
<td>Biology</td>
<td>CMAD</td>
<td>CMAD</td>
</tr>
<tr>
<td>IBCA Basic Career Readiness</td>
<td>Agriculture II</td>
<td>Carpenter I or Welding I</td>
<td>Elective</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>Agriculture I</td>
<td>Elective</td>
<td>Basic Tech Drafting</td>
<td>Elective</td>
<td>First Responder</td>
</tr>
</tbody>
</table>

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>7 Credits</td>
<td>7 Credits</td>
<td>7 Credits</td>
<td>7 Credits</td>
<td></td>
</tr>
</tbody>
</table>

**REQUIRED CREDENTIALS**

**Core Credential – Must Earn 1**

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

**Complementary Credentials – Must Earn 2**

Microsoft Word, PPT, Excel WorkKeys – Silver

OSHA 10 – General Industry

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### Pathway Name
High-Demand Careers Related to this Pathway

### Public Service

- **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

### Regional

### Sample Schedule: Public Service

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Elective Pathway Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra I</td>
<td>Geometry</td>
<td>Financial Literacy</td>
<td>Business Math</td>
<td>Advance Career</td>
</tr>
<tr>
<td>English I</td>
<td>English II</td>
<td>Business English</td>
<td>Technical Writing</td>
<td>Readiness</td>
</tr>
<tr>
<td>Environmental Sc.</td>
<td>JROTC II</td>
<td>Biology</td>
<td>JROTC IV</td>
<td>CTE Internship I, II</td>
</tr>
<tr>
<td>U.S. Government</td>
<td>Speech II</td>
<td>JROTC III</td>
<td>CTE Internship II</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>JROTC I</td>
<td>First Responder</td>
<td>Entrepreneurship</td>
<td>Forensic Science</td>
<td>First Responder</td>
</tr>
<tr>
<td>Speech I</td>
<td>Elective</td>
<td>Law Studies</td>
<td>Forensic Science*</td>
<td>Forensic Science*</td>
</tr>
<tr>
<td>Basic Career Readiness</td>
<td></td>
<td>Elective Course</td>
<td>Foreign Language (any foreign language)</td>
<td>Foreign Language (any foreign language)</td>
</tr>
</tbody>
</table>

7 credits | 7 credits | 7 credits | 7 credits | 7 credits |

### REQUIRED CREDENTIALS

<table>
<thead>
<tr>
<th>Core Credentials – Must Earn 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>FEMA – IS-0700.A – National Incident Management System</td>
</tr>
</tbody>
</table>

### Complementary Credentials – Must Earn 2

<table>
<thead>
<tr>
<th>Microsoft Word, PowerPoint, Excel</th>
<th>WorkKeys Silver</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Aid/CPR/AED</td>
<td>Customer Service</td>
</tr>
<tr>
<td>First Responder</td>
<td></td>
</tr>
</tbody>
</table>

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### Pathway Name
High-Demand Careers Related to this Pathway

Welder’s Helper
- Helper positions in the Manufacturing trades: Tack Welder, T-Joint Welder, Grinder Assistant, Rod Identifier/Runner, Maintenance Assistant
- 4 Star: Boilermakers, Maintenance and Repair Workers, Sheet Metal Workers, Structural Metal Fabricators and Fitters

### Sample Schedule – Welder’s Helper

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Elective Pathway Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra I</td>
<td>Geometry</td>
<td>Financial Literacy</td>
<td>Business Math</td>
<td>AgriScience II</td>
</tr>
<tr>
<td>English I</td>
<td>English II</td>
<td>Business English</td>
<td>Technical Writing</td>
<td>CTE Internship I, II</td>
</tr>
<tr>
<td>U.S. Government</td>
<td>Agriculture II</td>
<td>English III</td>
<td>Business English</td>
<td>Basic Technical</td>
</tr>
<tr>
<td>P.E. I or JROTC I</td>
<td>P.E. II / Health or JROTC II</td>
<td>U.S. History</td>
<td>NCCER Welding II</td>
<td>Drafting</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>IBCA</em></td>
<td>NCCER Core</td>
<td>Biology</td>
<td>Drafting</td>
<td>CMAD</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Basic Career Readiness</em></td>
<td>Elective</td>
<td>NCCER Welding I</td>
<td>First Responder</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td><em>Agriculture I</em></td>
<td></td>
<td>Elective</td>
<td></td>
<td>First Responder</td>
</tr>
</tbody>
</table>

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

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<table>
<thead>
<tr>
<th>Pathway Name</th>
<th>Workplace Safety</th>
<th>Regional</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-Demand Careers Related To this Pathway</td>
<td>Multiple careers in constructions, manufacturing and related industrial careers; also applicable to selected hospitality and retail careers</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 Star: Welders, Cutters, Solders, Braziers, Plumbers, Pipefitters, Steamfitters, Industrial Machine Mechanics; General and Operations Manager, Sales Manager</td>
<td></td>
</tr>
<tr>
<td></td>
<td>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</td>
<td></td>
</tr>
</tbody>
</table>

### Sample Schedule – Workplace Safety

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Elective Pathway Courses</th>
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</thead>
<tbody>
<tr>
<td>Algebra I</td>
<td>Geometry</td>
<td>Financial Literacy</td>
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<td>AgriScience II</td>
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<tr>
<td>English I</td>
<td>English II</td>
<td>Business English</td>
<td>Technical Writing</td>
<td>Basic Technical</td>
</tr>
<tr>
<td>U.S. Government</td>
<td>Biology</td>
<td>U.S. History</td>
<td>First Responder</td>
<td>Drafting</td>
</tr>
<tr>
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#### 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.*
**AGRICIENCE**

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

**Agriscience I**
AG SCI I A; AG SCI I B  
Grade 9  
1 year elective  
This course provides students with basic knowledge of the history and science applications in agriculture. The course includes units in animal science, soil science, plant science, agricultural mechanics, basic carpentry, food science technology, and agricultural leadership. Supervised Agricultural Experience (SAE) programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. This is the first course required to complete the statewide Agritech IBC.

**Agriscience II**
AG SCI II A; AG SCI II B  
Grade 10  
1 year elective  
Prerequisite: Agriscience I  
This course provides students with a more in-depth understanding of agriculture and science applications in agriculture, building on the prior knowledge obtained in Agriscience I. The course includes units in animal science, soil science, plant science, agricultural mechanics, and agricultural leadership. Supervised agricultural experience (SAE) programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. This is the Second course required to complete the statewide Agritech IBC.

**Agriscience III**
AG SCI III A; AG SCI III B  
1 year elective  
Prerequisite: Agriscience II  
Louisiana Agritechology IBC  
This course is an advanced study in Agriscience based upon the local agricultural workforce and economic needs of the community. The major areas of study should include personal development skills, animal systems, plant systems, environment issues, and mechanical skills. Supervised Agricultural Experience (SAE) programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. This is the Final course required to complete the statewide Agritech IBC.

**Meat Processing**
MEAT PROCESS A; MEAT PROCESS B  
Grades 11, 12  
Prerequisite: Agriscience II  
1 year elective  
Meat Processing Certification  
This course is designed to train students how to properly process meat and meat by products. Students will be trained in sanitation, processing techniques, and HACCP / Serv-Safe. This course is a stand-alone course for the Louisiana Meat Processing IBC which will be administered at the end of the course.

**ART**

**Art I**
ART I A; ART I B  
Grades 9-12  
1 year elective  
TOPS University Art Elective  
This course is an introduction to the field of art. Areas of instruction are based on building understanding of the elements and principles of visual arts. Student projects will include pencil and ink drawing, painting, etching, chalk and oil pastels, and art appreciation.

**Art II**
ART II A; ART II B  
Grades 10-12  
1 year elective  
Prerequisites: Art I and teacher approval.  
This course provides individual instruction to extend skill and knowledge of the basic principles of art. Student projects will center on drawing, painting, media exploration, 3D sculpture and further developing skills learned in Art I.

**Art III**
ART III A; ART III B  
Grade 11, 12  
1 year elective  
Prerequisites: Art I & II  
This course offers individualized instruction for students who wish to pursue and develop advanced skills in art. The student will explore all mediums including 2D and 3D art, focusing on independent projects and developing concepts.

**Art IV**
ART IV A; ART IV B  
Grade 12  
1 year elective  
Prerequisites: Art I, II, & III  
Art IV helps the serious art student fine tune their creative skills and develop portfolios of quality work for college admissions. Students in Art IV will also assist in set design/paintings for school theatre production.

**Fine Arts Survey-Art**
FN ART SUR A; FN ART SUR B  
Grades 9-12  
1 year elective  
TOPS University Art Elective  
This course is an introduction to visual arts, the development, history, philosophy, elements and principles of art, and the production of artwork in various media. The course partially fulfills the requirements for the TOPS scholarship. It should be taken opposite Fine Arts Survey-Music.

**BUSINESS**

**Customer Service**
Customer Serv A; Customer Serv B  
Grade 10  
1 year elective  
Customer Service Certification  
This course is designed to prepare the student for the role of support staff in a business sector. Emphasis is placed on the integration of business and communication concepts and skills necessary to prepare students to become members of the workforce. Oral and written communications, time management, decision-making, interpersonal, critical-thinking, problem-solving, and technology skills are reinforced in this course through business application projects.

**Entrepreneurship I**
ENTREPREN IA; ENTREPREN I B  
Grade 12  
1 year elective  
Prerequisite: Microsoft Certification  
Advanced Micro Enterprise Industry Based Certification  
Using real-life applications, students will be guided step-by-step through the entire process of owning their own business including developing a business plan for a mock business. Upon completion, the student will be eligible to test for the
### Principles of Business
**PRINC OF BUS A; PRINC OF BUS B**  
**Grade 10-11**  
1 year elective  
**Micro Enterprise Certification**  
*Must be 16*  
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.

### Quest for Success
**QUEST SUCCESS A; QUEST SUCCESS B**  
**Grades 9-10**  
1 year elective  
This course provides students with an opportunity to develop workplace behaviors and communication skills. The course emphasizes career pathways offered in St. Tammany Parish, career exploration, soft skills, post-secondary options, personal financial literacy and self-assessment/personal goals for high school.

### Advanced Career Readiness
**ADV CAR READ A; ADV CAR READ B**  
**1 Elective Credit**  
**Grades 11-12**  
1 year elective  
**OSHA10 certification**  
This course highlights skills students will need for college and career success. In addition to a continued emphasis on mastering soft skills, students will learn about post-secondary options, post-secondary personal finance, workplace safety, and how to effectively conduct research on potential careers.

### INTERNSHIP
**1 year elective; 2 credit course**  
2 Hour Block-Off Campus  
**Grade 12**  
The internship is designed to provide career and technical education for a student, through opportunities to apply learned skills in the workplace. The student has the opportunity to consider a single potential career or combination of careers they may be considering. Emphasis will be placed on developing interpersonal skills, work ethics, relevant skills of the workplace, and an understanding of the selected career field of study. **Student MUST provide their own transportation to internship site.**

### ENGLISH

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| **English I** | *Gifted Evaluation Required* | ENG I (G) A; ENG I (G) B  
**Grade 9** | 1 year required | This course provides an introduction to different genres, critical analyses, and discussions of those genres. The student will apply actual as well as inferential and evaluative reading skills through the study of literature. Writing assignments will build on the writing process including appropriate use of grammar and mechanics in Standard English usage. Factual as well as inferential and evaluative questioning techniques will be utilized throughout the study of works of literature. The student will gather and critique samples of their best works in writing portfolios. **Students are required to take and pass the LEAP 2025 Assessment.** |
| **English II** | *Gifted Evaluation Required* | ENG II (H) A; ENG II (H) B  
**Grade 10** | 1 year required | By following a series of units, the student will read and respond to various genres of literature, including (but not limited to) fictional short stories, non-fiction memoirs, poetry, and plays. Unit instruction will focus on the following skills: literary analysis, expository and persuasive writing, grammar in the context of writing, public speaking, and active listening. Students will select and evaluate information to complete a series of literary analysis essays and/or projects in which they will properly cite their sources. **Students are required to take and pass the LEAP 2025 Assessment.** |

### Course Notes
- **Principles of Business**
  - Must be 16
- **Quest for Success**
  - OSHA10 certification
- **Advanced Career Readiness**
  - OSHA10 certification
- **English I**
  - *Gifted Evaluation Required*
- **English II**
  - *Gifted Evaluation Required*

*Note: Students are required to take the LEAP 2025 Assessment.*
English II (Gifted)
ENG II (G) A; ENG II (G) B
Grade 10
1 year required
*Gifted Evaluation Required
This course provides an overview of world literature, emphasizing contemporary literature in order that students may focus on identifying critical literary devices. The student will read a selection of world literature in the genres of poetry, short stories, fiction, nonfiction, drama, and novels. The student will read, discuss, and analyze major types of essays in order to write original samples of the major types of essays, with an emphasis on the expository and persuasive. Communication and research skills will be developed through the written and oral presentation of a research project. Students are required to take and pass the LEAP 2025 Assessment.

English III
ENG III A; ENG III B
Grade 11
1 year English credit
TOPS University approved English
This course includes a survey of American literature from Colonial times to modern times. Writing and grammar skills will be emphasized throughout the course. The student will research selected topics and present their findings in different formats. In this course, there is an emphasis in developing critical thinking and analytical skills as well as students’ additional readings and writings. Students are required to take and pass the LEAP 2025 Assessment.

Business English
BUS ENG A; BUS ENG B
Grade 11
1 year English credit (TOPS Tech.)
This course is designed to provide the student with communication tools they will need on the job. It provides the broad, thorough training necessary to help students develop competence in each of the communication skills: reading, writing, speaking, and listening. A student will also be introduced to the language of business. This course does not fulfill TOPS University requirement.

English III AP
AP ENG III A; AP ENG III B
Grade 11
1 year English credit
TOPS University approved English
*By teacher recommendation
This course will engage students in becoming skilled readers of rhetoric written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes, enabling students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. The intensive concentration on language use will enhance ability to use grammatical conventions both appropriately and with sophistication and to develop stylistic maturity. The depth and breadth of reading and writing is beyond that of high school honors courses. Students that enroll in this AP course are expected to take the comprehensive AP Exam near the end of the course and are responsible for paying the down payment of $40 in August...
Students are required to take and pass the LEAP 2025 Assessment.

English IV
ENG IV A; ENG IV B
Grade 12
1 year English credit
TOPS University approved English
This course includes a survey of British literature from the Anglo-Saxon period through the modern times. It emphasizes critical reading of the material as well as instruction on various modes of writing.

English IV DE/Honors
Southeastern Louisiana University
ENGL1010 3 Credits;ENGL1020 3 Credits
ENG 4 (DE) (H) A; ENG 4 (DE) (H) B
Grade 12
1 year English credit
TOPS University approved English Recommendation: “B” average or better in English III
*Student must score 18 on the English component of the Pre-ACT, or ACT to be eligible for this Dual Enrollment course. This course is taught as a dual enrollment course with students receiving both English IV Honors credit and college English 1010/1020 credit (English Composition I/II) through SLU. This is an introductory course in writing for those students who demonstrate the ability to write at the expected college level, with emphasis placed on argumentative and expository writing and readings. Students will also study major writings in a survey of British Literature. Students must meet academic criteria by college.

Speech I
SPEECH I A; SPEECH I B
Grade 10-12
1 year elective
The first semester of this course provides the student with the fundamentals of oral communication. The following units of study will be covered in the first semester: interpersonal communication, public address, and group discussion. The second semester is a complete survey for the student who is interested in the major disciplines of theater: technical (stagecraft), play production (directing), and acting styles and methods. Students are required to take the LEAP 2025 assessment.

Speech II
SPEECH II A; SPEECH II B
Grades 11-12
1 year elective
Prerequisite: Speech I
The focus of this class is on public speaking and presentation skills. Students in Speech II refine the skills they learned in Speech I and expand on their public speaking ability. Speech II students give four formal speeches during the year, develop presentations on communication topics, and present those topics to the class. This class is assessed using graded class work, speeches, presentations, and tests.

Technical Writing
Tech Writing A; Tech Writing B
Grades 12
1 year English credit (TOPS Tech.)
Students will enhance writing and editing skills related to the many types of business and technical writing. Students study and develop a variety of documents generated in business and industry such as emails, reports, presentations, letters, newsletters, flyers, personal memoirs, comic strips, advertisements, public service announcements and business proposals. Students also apply research skills to plan a career path and employment portfolio. This course does not fulfill TOPS University requirement.

FAMILY AND CONSUMER SCIENCES

Nutrition and Food
NUTR & FOOD S
Grades 10-12
1 semester elective
This course provides the student with basic nutrition, wellness knowledge, and basic food preparation skills. Emphasis is placed on food preparation, kitchen and meal management, and the relationship of diet to health. Topics of study include nutrition, meal planning, food labeling, safety and sanitation, kitchen equipment, measuring, use of recipes,
and consumer skills. **Prostart**

**Prerequisite.**

**Advanced Nutrition and Food**

ADV NUTR & FOOD S

Grades 10-12

1 year elective

**Prerequisite: Nutrition and Food**

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

**Prerequisite.**

**Prostart I**

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

NTCC CULN 1101- 3 Credit Hours

NTCC CULN 1130- 2 Credit Hours

Grade 11

1 year elective

**Prerequisite: Nutrition & Foods and Adv. Nutrition & Food ServSafe Food Handler Certification**

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

**Prostart II**

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

NTCC CULN 1140-3 Credit Hours

NTCC CULN 1350- 4 Credits Hours

Grade 12

1 year elective; 2 credit course

2 Hour Block Course

ServSafe/Prostart(State) Certification

**Prerequisite: Prostart I**

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

**FOREIGN LANGUAGE**

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

**French I**

FRENCH I A; FRENCH I B

1 year elective

**TOPS Univ. Foreign Language elective**

Grades: 10-12

**Recommendation: “C” average or better in Regular English.**

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

**French II**

FRENCH II A; FRENCH II B

1 year elective

**TOPS Univ. Foreign Language elective**

Grades: 10-12

**Prerequisite: French I**

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

**Spanish I**

SPAN I A; SPAN I B

1 year elective

**TOPS Univ. Foreign Language elective**

Grades: 10-12

**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.

**Spanish II**

SPAN II A; SPAN II B

**TOPS Univ. Foreign Language 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.

**HEALTH SCIENCE**

**Health Science I**

HS I OCCUP A; HS I OCCUP B

Grades 10-11

1 year elective

**Recommendation: “C” average or better in Science courses**

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

**Health Science II: Medical Terminology**

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

**Dual Enrollment: Northshore Tech CC**

NTCC HSN 1030- 3 Credit Hours

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

Grade 11-12

1 year elective

**Recommended Course: Health Science I**

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

**Certified Nursing Assistant/ Certified Clinical Medical Assistant**

PT CARE CNA (DE) A

Grade 12

1 semester elective; 1 credit course

2 Hour Block Course

NTCC HNUR 1211- 4 Credit Hours

NTCC HCOR 1212- 1 Credit Hour

**The following are required to take the course:**

All students in this course will be dually enrolled with Northshore Technical Community College and students must adhere to the college attendance policy.

**NOTICE:**

All students pursuing the CNA and/or CCMA certifications must be a senior in high school and at least 16 years of age. Students must pass both a written content component and a demonstrated skills component in order to attain certification. Clinical training must be performed in a nursing home or on a Skilled Nursing Unit. The following are required in order to take the course:

1. Right to Review background check (must be completed before Day 1 of class)
2. Proof of immunization
3. Physical exam
4. American Heart Association BLS CPR certification
5. Tuberculosis Test
6. Flu shot
7. Scrubs (school will provide more information)
8. Attend required parent meeting
First Responder (EMR)
FRST RESP D: FRST RESP D B
HEMS 1120,1170- 2 Credit Hours
Grade 11-12
1 year elective

EMR Certification Available

Emergency Medical Responder (EMR)
All students in this course will be dually enrolled with Northshore Technical Community College and students must adhere to the college attendance policy.

All students pursuing the Emergency Medical Responder certification must be a junior or senior in high school.

Students must pass both a psychomotor exam and a cognitive exam in order to attain EMR certification. Per the Louisiana Bureau of Emergency Medical Services, students must meet the following criteria in order to enroll in the course:

- Be proficient in reading, writing, and speaking the English language.
- Must have a 1.85 cumulative GPA prior to entering the EMR program and maintain a 2.0 course GPA while in the program.
- Be a minimum of 16 years of age by the scheduled end date of the EMR course.
- If less than 18 years of age, the student must provide the course instructor with a parental permission form, with the signature of a parent or guardian, verifying approval for enrollment in the course.
- Have no physical or mental impairment that would render the student unable to perform all practical skills required for the level of licensure without accommodation.
- Currently possess or earn in the EMR course a current AHA BLS CPR (or equivalent) card.
- Must have a 2.0 cumulative GPA prior to entering the EMT program and maintain a 2.0 course GPA while in the program.
- Must possess a current AHA BLS CPR (or equivalent) card.
- Not have an arrest/conviction record that has not been cleared by the EMS Certification Commission.
- Maintain a professional appearance in line with local EMS expectations and in accordance with the local school district policy.
- Not be under the influence of any drugs or intoxicating substances that impair the ability to provide patient care or operate a motor vehicle while in class or clinicals, while on duty, when responding to, or assisting in the care of a patient.
- Review and attest in writing receipt of an agreement to adhere to the policies contained in the Dual Enrollment EMS Program Student Handbook.
- Documentation from a physician attesting to the students’ ability to perform the duties of an Emergency Medical Technician Responder (physical exam.)

Successful completion of the Emergency Medical Responder course and EMR certification are a prerequisite for enrollment in the Emergency Medical Technician course as a senior. The courses may not be taken concurrently.

Emergency Medical Technician Basic I
EMT (DE)(1) A; EMT (DE)(1) B
Dual Enrollment: Northshore Tech
NTCC HEMS 1110, 1120, 1140, 1160, 1170, 1172- 8 Credit Hours
Grade 12
1 year elective; 2 credit course
2 Hour Block Course

Emergency Medical Technician (EMT)
All students in this course will be dually enrolled with Northshore Technical Community College and students must adhere to the college attendance policy. All EMT students are committed to one full year of class.

All students pursuing the Emergency Medical Responder certification must be a senior in high school and must already be a certified Emergency Medical Responder (EMR). Students must pass both a psychomotor exam and a cognitive exam in order to attain EMT certification. Per the Louisiana Bureau of Emergency Medical Services, students must meet the following criteria in order to enroll in the course:

- Be proficient in reading, writing, and speaking the English language.
- Must have a 2.0 cumulative GPA prior to entering the EMT program and maintain a 2.0 course GPA while in the program.
- Be a minimum of 16 years of age at the conclusion date of the EMT course.
- If less than 18 years of age, the student must provide the course instructor with a parental permission form, with the signature of a parent or guardian, verifying approval for enrollment in the course.

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

Television Production
TELE PRO 1 A; TELE PRO 1 B
Grades 10, 11, 12; 1 Year Elective
This course will provide an introduction to the basic principles, procedures, and methods of broadcast
pearl River high course description guide 2019-2020

journalism. the course includes composition, operation of cameras and editing machines, special effects, on camera announcing and interviewing, lighting, staging, and directing. the student will learn how to handle video recording and editing equipment responsibly and ethically, in addition to incorporating principled studio and field reporting techniques.

**web design**

**web design A; web design B**

**grade 10-12**

1 year elective

adobe photoshop, illustrator, and indesign certification

this course teaches essential web page development skills. students will learn to develop web sites using html5 and css. students will learn to write code manually, as well as use graphical user interface authoring tools while working with images, creating hyperlinks, and adding tables, forms, videos and audio to web pages. in addition, students will learn to use html5 and javascript application programming interfaces to extend the functionality of web pages, such as geolocation, drag-and-drop, canvas and offline web applications. other topics include validating html and css code, employing search engine optimization, using style sheets extensively to format web page content, and implementing fundamental design concepts. students will learn how web sites are developed as managed projects and identify e-commerce solutions as related to web site development in business goals.

introduction to business computer applications (IBCA)

**INT BCA A; INT BCA B**

**grade 9-12**

1 year elective

**Microsoft Word and PowerPoint certifications**

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

**Business Computer Applications I**

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

Grades 10-12

1 year elective

Excel Certification

Prerequisite: Intro to Business Computer Applications (IBCA)

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

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

**Algebra I/ Math Essentials Block: Regular, Resource**

**Grade 9:**

1 Year Course; 2 Hour Block; 2 credits

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

**Algebra I**

**ALG I A; ALG I B**

**Grade 9**

1 year required course

This course is designed to prepare the learner for all mathematical courses. This includes using expressions and variables, adding, subtracting, multiplying, and dividing rational numbers, using squares and square roots, solving equations, graphing, using proportions, solving inequalities, and using polynomials. Students are required to take and pass the LEAP 2025 Assessment.

**Algebra I (Special Education)**

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

**Grade 9**

1 year required course

Special Education Evaluation Required

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

Algebra I (Honors)

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

1 year required course

**Grade 9**

Recommendation: “B” average or better in Pre-Algebra

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

Geometry

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

**Grades 10-11**

1 year math elective

**TOPS University approved math**

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

Geometry (Special Education)

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

1 year math credit

**Grade 10-11**

Special Education Evaluation Required

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

Geometry (Honors)

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

**Grades: 10-11**

1 year math credit

**TOPS University required math**

Recommendation: “B” average or better in Algebra I

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

Geometry (Gifted)

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

**Grades: 9-10**

1 year math credit

**TOPS University approved math**
Pearl River High Course Description Guide 2019-2020

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

Algebra II
ALG II A; ALG II B
1 year math credit
TOPS University approved math
Grades: 10-12
Recommendation: “C” average or better in Algebra I
This course includes working with: properties of real numbers; sets and set notation; equations and inequalities; graphing; systems of sentences; relations and fractions; rational expressions; radicals and quadratic functions; complex numbers and quadratic equations; conic sections; and exponential and logarithmic functions.

This course is required for TOPS.

Algebra II (Honors)
ALG II (H) A; ALG II (H) B
1 year math credit
TOPS University approved math
Grade 10-12
Recommendation: “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 prerequisites. 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 math credit
TOPS University approved math
*Gifted Evaluation Required
This course offers the gifted student a sound development of the structure of the real number system through discussion of number sentences, relations and linear, polynomial, and quadratic fractions. The student will investigate the nature of number systems by studying the complex number systems. Work with sequences and series, probability, and matrices provide an important extension to the scope of the student’s mathematical experiences. Algebra II (G) is for the gifted student who is characterized by compacting, acceleration, in-depth problem-solving, and individualized pacing.

Business Math
BUS MATH A; BUS MATH B
Grade (11 - 12)
1 year math credit (TOPS Tech.)
Prerequisites: Algebra I
This course focuses on mathematics in business situations. Students will explore how businesses function through mathematical applications. Topics include all facets of managing a business such as personnel, production, purchasing, sales, marketing, storage, distribution, services, accounting, and planning.

Financial Literacy
FIN LIT A; FIN LIT B
Grades: 11-12
1 year math credit (TOPS Tech.)
Prerequisites: Algebra I, Geometry, Algebra II
* Students must have a math score of 19 on ACT to take this Dual Enrollment class.
In addition to high school credit, this course offers a student an opportunity to receive three 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
SLU
MATH1300 3 Credits
MATH1400 3 Credits
DE PRECALC (H) A; DE PRECALC (H) B
Grades: 11-12
1 year credit
Prerequisites: Algebra I, Geometry, Algebra II
* Students must have a math score of 19 on ACT to take this Dual Enrollment class.
This course covers functions and models, limits (from graphical, numerical, and algebraic points of view), continuity and differentiability, derivatives of functions, applications of differentiation, integration, definite integrals, applications of integration, inverse functions, and techniques of integration.
MUSIC

Advanced Band
ADV BAND A; ADV BAND B
Grades 9-12
1 year elective
TOPS University Art Elective
This course is open to any interested student. The music ranges from
traditional to contemporary with an emphasis on major components
including woodwind, brass and percussion. Band is a co-curricular
course, both academic and extra-curricular. This means that part of the
requirement for successfully completing the course requires participation in all
rehearsals, football games, parades, and after school rehearsals.

General Music (Chorus)
GEN MUSIC A; GEN MUSIC B
Grades: 9-12
1 year elective
TOPS University Art Elective
To enroll in this course, the choral member must be well disciplined, hardworking individuals who wish to
broaden their musical backgrounds and abilities. This course will include singing, diction, phrasing, breathing and
intonation. The student’s grade is determined by classroom, performance
participation, and by continuous musical achievement. The student must
participate in various performances throughout the school year including a
Christmas program and a Spring program.

Guitar Class
GUITAR CL A; GUITAR CL B
1 year elective
TOPS University Art Elective
This course is designed for beginning students with no previous guitar
instruction in a private or studio setting. Students will learn basic music theory.
Guitar skills and the introduction of the history of the guitar and literature will be
covered. Students must provide their
own acoustic guitar.

Piano Class
PIANO CL A; PIANO CL B
Grades: 9-12
1 year elective
TOPS University Art Elective
This course is designed for beginning students with no previous keyboading
instruction in a private or studio setting. Students will learn basic music theory.
Piano skills and the introduction of the history of the piano and literature will be
covered.

Fine Arts Survey-Music
FN ART SUR A; FN ART SUR B
Grades: 10-12
1 year elective
TOPS University Art Elective
This course is a non-technical introduction to various facets of music;
basic terms and concepts; and personalities and history of music and
dance. This course partially fulfills the requirements of the TOPS scholarship. It
should be taken opposite Fine Arts Survey-Art.

NAVAL SCIENCE/ JUNIOR ROTC

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

JROTC I
JR ROTC I A; JR ROTC I B
Grades 9 – 12
1 year elective
Junior ROTC an introductory course in Naval Science that stresses leadership, se
power, history, maritime customs and skills, and health education. A uniform is
worn once a week in school on drill day. This uniform is provided for the
student’s use at no charge. Extracurricular activities are normally
available to all who wish to participate. These activities can include NRA
sanctioned rifle and air pistol marksmanship programs; both boys’ and
girls’ exhibition marching drill teams; ceremonial color guard, drum and bugle
corps; and numerous other sports and social activities. Almost all expenses
associated with these activities, field trips, and related equipment, are taken
care of by fund raising by the ROTC Club. This course may be substituted for PE I.

JROTC II
JR ROTC II A; JR ROTC II B
Grades 10 – 12
1 year elective
Prerequisites: JROTC I and approval of the Naval Science instructor.
FEMA-NIMS Certification
Junior ROTC II continues the
development of leadership and maritime
related skills introduced in Junior ROTC I. Included are several new topics:
extensive looks at oceanography, world affairs and first aid. Advanced field trips
are scheduled where possible and a student remains eligible for all
extracurricular activities mentioned
under Junior ROTC I. Students taking
Naval Science I and II fulfill the Health
Education and PE requirement for
graduation.

JROTC III
JR ROTC III A; JR ROTC III B
Grades: 11, 12
1 year elective
Prerequisites: JROTC II and approval of the Naval Science instructor.
Junior ROTC III involves advanced
leadership and management training with students in the course charged with
leadership and administration of the Cadet Company and extracurricular
programs. Classroom topics include, but are not limited to, sea power, naval
history (World War II), meteorology,
arson, electricity and survival
training. Advanced field trips are
scheduled where possible and a student
remains eligible for all extracurricular
activities mentioned in ROTC I.

JROTC IV
JR ROTC IV A; JR ROTC IV B
Grade 12
1 year elective
Prerequisites: JROTC III and approval of
the Naval Science instructor.
Junior ROTC IV involves advanced
leadership and management training.
Self-study in the subjects of naval
weapons, tactics, logistics, military
justice, naval history and other topics
contained in the Naval Science IV text
will be required of a student enrolled in
this advanced course.

PHYSICAL EDUCATION & HEALTH

Health Education
HEALTH ED S
Grades: 9, 10
1 semester required course
FA, AED, CPR Certifications Available
Health is required in accordance with
recommendations of the State
Department of Education. Instruction in
this unit includes the study of nutrition,
personal health, consumer health, environmental and community health, safety and first aid, CPR, substance abuse, communicable and non-communicable diseases.

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

**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 required course**  
This course focuses on preparing individuals in a participating role in a wide variety of sports and leisure activities important in achieving and maintaining a healthy life-style. Units in physical fitness, tennis, and an elective team sport are required in this course.

**Physical Education III**
PHY ED III A; PHY ED III B  
**Grades:** 11-12  
**1 year elective**

**Physical Education IV**
PHY ED IV A; PHY ED IV B  
**Grades:** 11-12  
**1 year elective**

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**SCIENCE**

**Physical Science**
PHY SCI A; PHY SCI B  
**Grade 9**  
**1 year science credit**

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

**Physical Science (Honors)**
PHY SCI (H) A; PHY SCI (H) B  
**Grade 9**  
**1 year science credit**

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

**Biology**
BIO A; BIO B  
**Grades:** 10-11  
**1 year required course**  
This course gives the student an understanding of the principles and concepts of living things and their organization. The student is introduced to the lab setting and investigates plant and animal life. The course includes a study of the use of the microscope, a study of cells, genetics and the diversity of life. It covers animal anatomy and physiology in the higher orders. **Students are required to take and pass the LEAP 2025 assessment.**

**Biology (Special Education)**
BIO(R) A; B  
**Grades:** 10-11  
**1 year required course**  
Special Education Evaluation Required  
Students are required to take and pass the LEAP 2025 assessment.

**Biology (Honors)**
BIO (H) A; BIO (H) B  
**Grades:** 10-12  
**1 year required course**  
**Recommendations:** "B" average or better in Algebra I and Physical Science  
This course relies heavily on lab work and the development of critical reasoning of students. The first semester includes a study of basic cell structure, genetic continuity and a survey of algae, protozoan, and ecology. The second semester deals with the study of diversity among animals, plants, human anatomy, physiology, and microbiology. **Students are required to take and pass the LEAP 2025 assessment.**

**Biology (Gifted)**
BIOLOGY (G) A; BIOLOGY (G) B  
**Grades:** 10-11  
**1 year required course**  
**Gifted Evaluation Required**  
This course relies heavily on lab work, projects and the development of critical thinking. The first semester includes a study of the scientific method, basic cell structure, and genetics. The second semester deals with the classification of organisms, ecology, evolution, and the human body systems. As this is one of the first high school gifted classes, emphasis is placed on organization, time management and study skills. **Students are required to take the LEAP 2025 assessment.**

**Chemistry (Gifted)**
CHEM (G) A; CHEM (G) B  
**Grades:** 10-11  
**1 year science credit**

**TOPS University approved science**

**Recommendations:** Algebra II or higher should be taken concurrently. **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.

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**Biology II (Honors)**
BIOL II (H) A; BIOL II (H) B  
**Grades:** 11-12  
**1 year science credit**

**TOPS University approved science**

**Prerequisite:** Biology I  
**Recommendations:** "C" average or better in Biology I  
This course is designed for students with a strong interest in biology. Students will explore topics selected from cellular biology, biochemistry, biotechnology, genetics, microbiology, evolution, and human anatomy and physiology. Lab work and individual/group projects are emphasized.

**Chemistry**
CHEM A; CHEM B  
**Grades:** 11-12  
**1 year science credit**

**TOPS University approved science**

**Recommendations:** The student planning to take chemistry must have taken or be taking Algebra II and should have at least a "C" average in all math and science classes. In this course, demonstrations and problem solving are stressed. Some topics included are: scientific notation and measurement, the mole concept, formulas, balancing of equations, atomic structure, chemical reactions, solutions and equilibrium. **This course is required for TOPS.**
This college-preparatory course stresses lab experiences, analytical processes and problem solving. Subject matter will include in-depth coverage of topics offered in the honors, combining the theories and concepts of chemistry with practical application. Gifted classes are characterized by compacting, acceleration, and in depth study of concepts. This course will include individualized projects.

**Chemistry II (AP)**

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

**Grades: 11-12**

1 year science credit

TOPS University approved science

Prerequisites: Chemistry I and taking or currently taking Algebra II

Recommendations: “C” or better average in all Science and Math courses.

This course is designed for the student who plans to major in a science of science related field in college. Lab experiences, demonstrations and problem solving are stressed. Topics will include in-depth coverage of those topics offered in the non-science major course as well as an introduction to organic chemistry. Students that enroll in this AP course are expected to take the comprehensive AP Exam near the end of the course and are responsible for paying the down payment of $40 in August.

**Environmental Science**

**ENV SCI A; ENV SCI B**

**Grade 11 - 12**

1 year science credit

TOPS University approved science

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

**Human Anatomy and Physiology (Honors)**

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

**Grades: 11-12**

1 year science credit

Prerequisite: Biology I

Recommendation: “B” or better in Biology I

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

<table>
<thead>
<tr>
<th>SOCIAL STUDIES</th>
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<tbody>
<tr>
<td><strong>World Geography</strong></td>
<td></td>
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<tr>
<td>WLD GEOG A; WLD GEOG B</td>
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<tr>
<td>Grade 9</td>
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<td>1 year social studies credit</td>
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<td>TOPS University approved social studies</td>
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<tr>
<td>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.</td>
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<tr>
<td><strong>World Geography (Honors)</strong></td>
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<td>WLD GEOG (H) A; WLD GEOG (H) B</td>
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<td>Grade 10-12</td>
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<tr>
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<td>TOPS University approved social studies</td>
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<td><em>Gifted Evaluation Required</em></td>
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<tr>
<td>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.</td>
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<td><strong>U.S. Government</strong></td>
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<td>GOVERNMENT A; GOVERNMENT B</td>
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<td>Grade 10</td>
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<tr>
<td>1 year required course</td>
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<td>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. Students will examine the Constitution and Bill of Rights.</td>
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<tr>
<td><strong>U.S. Government (Gifted)</strong></td>
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<td>GOVERNMENT (G) A; GOVERNMENT(G)B</td>
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<td>Grade 10</td>
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<td>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.</td>
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<tr>
<td><strong>Law Studies</strong></td>
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<td>LAW STUDY A; LAW STUDY B</td>
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<tr>
<td>Grades 11-12</td>
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<tr>
<td>FEMA-NIMS Certification</td>
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<td>1 year elective course</td>
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<td>This course covers criminal and civil law. The purpose of this course is to broaden the student’s knowledge of the American legal system. This course does not fulfill TOPS University requirement.</td>
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<tr>
<td><strong>U.S. History</strong></td>
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<td>U.S. HISTORY A; U.S. HISTORY B</td>
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<td>Grade 11</td>
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<td>1 year required course</td>
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<td>This course is a survey course that examines American history from the Reconstruction period to present. Emphasis is on the development of historical concepts through basic readings and historical research. Students are required to take and pass the LEAP 2025 Assessment.</td>
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<tr>
<td><strong>U.S. History (Special Education)</strong></td>
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<tr>
<td>U.S. HIST (R) A; U.S. HIST (R) B</td>
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<td>Grade 11</td>
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<td>1 year required course</td>
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<tr>
<td>Special Education Evaluation Required Students are required to take and pass the LEAP 2025 Assessment.</td>
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<tr>
<td><strong>U.S. History (AP)</strong></td>
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<tr>
<td>(AP) U.S. HIST A; (AP) U.S. HIST B</td>
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<td>Grade 11</td>
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<td>1 year required course</td>
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<td>Teacher recommendation</td>
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<td>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</td>
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</table>
willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography. Students that enroll in an AP course are expected to take the comprehensive AP Exam near the end of the course and are responsible for paying the down payment of $40 in August. Students are required to take and pass the LEAP 2025 Assessment.

World History
WLD HIST A; WLD HIS B
Grades: 10-12
1 year social studies credit
TOPS University approved social studies
This is a survey course that examines world history from the Renaissance to the Industrial Revolution during the first semester. The second semester will include events from the Industrial Revolution to the present.

World History (AP)
AP WLD HIS A; AP WLD HIS B
Grades: 10-12
1 year social studies credit
TOPS University approved social studies
Teacher recommendation required
The AP World History course focuses on developing students’ understanding of the world history from approximately 8000 BCE to the present. This college-level course has students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods. Students that enroll in this AP course are expected to take the comprehensive AP Exam near the end of the course and are responsible for paying the down payment of $40 in August.

Psychology I
PSYCHOLOGY A; PSYCHOLOGY B
Grades: 11-12
1 year elective
The study of human behavior enables the student to develop a better understanding of oneself and others. Areas of study include introduction to psychology, altered states of consciousness, the human lifespan, personality theory, psychological testing, stress and health, psychological disturbance, and psychotherapy. This course does not fulfill TOPS University requirement.

TECHNOLOGY EDUCATION

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

Basic Technical Drafting/Dual Enrollment
BAS T DRAF (DE)A; BAS T DRAF(DE)B
Northshore Tech Community College
DRFT1161-2 Credits;DRFT1130 2 Credits; DRFT1110-2 Credits;DRFT1120 2 Credits
Grades 10-12
1 year elective
TOPS University Art Elective
This course involves the study of technical elements of drafting, which includes instruments lettering, sketching, applied geometry, projections, pictorial representation, dimensioning, sectioning, symbols, and auxiliaries.

CAMD Drafting (Advanced Technical Drafting)/Dual Enrollment
CAMD DRAFT (DE) A;
CAMD DRAFT (DE)B
Northshore Tech Community College
CADD1215 2 Credits;CADD1210 1 Credit
Grades 11-12
1-Year Elective
This course is a continuation of Basic Technical Drafting and an introduction to AUTOCAD.

CITF Carpentry
Pre-Apprenticeship
PRE-APPRN 2A; PRE-APPRN 2B
Grades 10, 11, 12
1 year elective; 2 credit course
2 HOUR BLOCK COURSE
*Must be 16yo
The Carpentry Pre-Apprenticeship is designed to introduce students to a career in carpentry. The curriculum was created and published by the Carpenters International Training Fund (CITF). It is a basic program that provides high school students with an opportunity to learn first-hand the required skills and values for having a successful career as a carpenter after high school graduation. Student will master soft skills essential to entry-level employment. This Pre-Apprentice pathway includes self-evaluation; goal setting; employability skills; specific career information on construction trades; real job descriptions of workers in the field; interviews and features that appeal to young adults. Math for the Trades makes up the math component of an effective high school trades curriculum. All of the math concepts are linked to real life situations in the world of construction work. This manual is a basic treatment of technical math beginning with general math, fractions, and decimals. Measurement and measurement tools, layout, area measure, and volume measure are all explained in detail with numerous exercises. A special effort has been made to set exercises in the context of real life technical work tasks.

Carpentry Apprenticeship
Level 1 DE
PRE-APPRN 3A; PRE-APPRN 3B
Grade 11, 12
Prerequisite: CITF Carpentry Pre-Apprenticeship
1 year elective; 2 credit course
2 HOUR BLOCK COURSE
The Carpentry Apprenticeship I is designed to further advance students in the field of carpentry. The curriculum was created and published by the Carpenters International Training Fund (CITF). Certification in CITF Pre-Apprenticeship Level 1 demonstrates the student has knowledge concerning safety and precautions, an understanding of tools and safe operating procedures, materials and fasteners; and the ability to safely and efficiently complete 15 step-by-step projects that require basic skills including the tote box, step stool, and storage chest to the specified specifications. Certified graduates may receive advanced placement in a pre-apprenticeship and/or apprenticeship programs.

NCCE Welding CORE
NCCE CORE A; NCCE CORE B
Grade 10, 11, 12
1 year elective
Recommendation: Agriscience I
This course is designed to instruct students in the basic information needed in today’s construction trades such as welding, construction/carpentry, pipefitting, electrician, etc. Basic Safety, Construction Math, Hand and Power tools, construction drawings, as well as employment enhancing skills are taught. Students will need to purchase personal protective equipment prior to the course. A list of PPE will be made available by the teacher.

NCCE Welding Technology I/Dual Enrollment
NCCE WLD I(DE) A; NCCE WLD I(DE)B
Northshore Tech Community College
PEARL RIVER HIGH COURSE DESCRIPTION GUIDE 2019-2020

WELD1210 2 Credits; WELD1110 3 Credits; WELD1410 2 Credits
Grades: 10-12
Prerequisite: NCCER Core
Recommendations: Agriscience II and NCCER Core
1 year elective; 2 credit course
2 HOUR BLOCK COURSE
Students will begin working towards the NCCER Welding Level 1 certification.
Students will learn to use various hand and power tools, cutting torches, plasma equipment, and arc welders. Students will be self-paced in the curriculum.
Students will need to purchase personal protective equipment prior to the course. A list of PPE will be made available by the teacher.

NCCER Welding Technology II/Dual Enrollment
NCCER WLD II(DE) A; NCCER WLD II(DE) B
Grades: 11-12
Northshore Tech Community College
WELD1140-2 Credits; WELD1310-2 Credits; WELD1411-3 Credits
1 year elective; 2 credit course
2 HOUR BLOCK COURSE
Prerequisites: Must have completed the NCCER Core certification and Welding I
Students will complete the NCCER Welding Level 1 certification and move into the NCCER Welding Level 2 certification on a self-paced speed. Most students will have the skills to pass structural welding tests for employment upon completion of the course. Students will need to purchase personal protective equipment prior to the course. A list of PPE will be made available by the teacher.

TALENTED COURSES
*All Talented Course Offerings Requires Talented Evaluation

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

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

Talented Art III
GT V ART III A; GT V ART III B

Grades 11-12
1 year elective

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

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

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

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

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

THEATRE
Talented Theatre I
G&T THEATRE I A; G&T THEATRE I B
1 year elective
TOPS University Art Elective

Talented Theatre II
G&T THEATRE II A; G&T THEATRE II B
1 year elective

Talented Theatre III
G&T THEATRE III A; G&T THEATRE III B
1 year elective

Talented Theatre IV
G&T THEATRE IV A; G&T THEATRE IV B
1 year elective