



**ST. JAMES**  
**PARISH SCHOOLS**  
*Inspiring Hope and Purpose*

# **COURSE CATALOG**

**2022 - 2023 School Year**

## Graduation Requirements

### **TOPS University Diploma**

(Incoming Freshmen beginning Fall 2014)

#### **English - 4 Units**

- English I, English II, English III, and English IV

#### **Math - 4 Units**

- Algebra I, Geometry, Algebra II, and
- One unit from:  
Algebra III, Advanced Math, and/or Calculus

#### **Science - 4 Units**

- Biology, Chemistry and
- Two units from:  
Physical Science (or Principles of Engineering),  
Physics, Biology II, Chemistry II, Earth Science,  
Environmental Science, and/or Agriscience II

#### **Social Studies - 4 Units**

- Civics, U.S. History and
- Two units from:  
World History, World Geography, and/or  
Western Civilization, African American History

#### **Health - ½ Unit**

- JROTC I and II may be used to meet the Health Education requirement

#### **Physical Education - 1 ½ Unit**

- P.E. I and P.E. II (A maximum of 4 units of P.E. may be used toward graduation)
- Note: The substitution of JROTC is permissible.

#### **Foreign Language - 2 Units**

- Two units from the same foreign language

#### **Art - 1 Unit**

- One unit from:  
Fine Arts Survey, Art, Dance, Music, and/or  
Theatre Arts

#### **Electives - 3 Units**

- Three elective units

#### **Total - 24 Units**

Incoming 9th-12th graders follow the pathway documents below:

[Business Management - University and Advanced Pathway](#)

[Health Sciences - University and Advanced Pathway](#)

[Pre-Engineering - University and Advanced Pathway](#)

### **TOPS Tech \*\* Career Diploma**

(Incoming Freshmen beginning Fall 2014)

#### **English - 4 Units**

- English I, English II, and two units from:
- English III, English IV, Tech Writing, and/or  
Business English

#### **Math - 4 Units**

- Algebra I and three units from:
- Geometry, Math Essentials, Financial Literacy,  
Business Math, Algebra II, Algebra III, and/or  
Advanced Math

#### **Science - 2 Units**

- Biology and one unit from:
- Physical Science (or Principles of Engineering)  
Chemistry, Environmental Science, Earth Science,  
and/or Agriscience I & II

#### **Social Studies - 2 Units**

- Civics and U.S. History

#### **Health - 1/2 Unit**

- JROTC I and II may be used to meet the Health Education requirement

#### **Physical Education - 1 1/2 Units**

- P.E. I and P. E. II (A maximum of 4 units of Physical Education may be used toward graduation)
- NOTE: The substitution of JROTC is permissible

#### **JumpStart - 9 Units**

- See Pathway documents linked below for specific courses/units accepted.

#### **Total - 23 Units**

Click to view the complete pathway requirements.

*Incoming 12th graders (22 - 23 SY) follow the original JumpStart 1.0 pathway documents below*

[1.0 Business Management Pathway](#)

[1.0 Culinary Pathway](#)

[1.0 Carpentry Pathway](#)

[1.0 Cosmetology Pathway](#)

[1.0 Health Service Pathway](#)

[1.0 Process Technical Pathway](#)

[1.0 Public Service Pathway](#)

[1.0 Welding/Pipefitting Pathway](#)

*Incoming 9th, 10th, and 11th graders (22-23 SY) follow the \*new JumpStart 2.0 pathway documents below:*

\*Note: All new JumpStart 2.0 pathway documents are labeled.

[2.0 Business Management Pathway](#)

[2.0 Manufacturing Pathway \(Electrical, Welding, Pipefitting\)](#)

[2.0 Health Services Pathway](#)

## **Graduation Requirement**

Click here for Graduation course-specific requirements: [LDOE TOPS LINK](#)

TOPS Core grade point average will use a 5 point scale for grades earned in Dual Enrollment courses. BESE determines which courses qualify. For such courses, 5 quality points will be assigned to a letter grade of "A", 4 quality points will be assigned to a letter grade of "B", 3 quality points will be assigned to a letter grade of "C", 2 quality points will be assigned to a letter grade of "D", and zero quality points will be assigned to a letter grade of "F". Students earning credit in courses graded on the 5 point scale may earn a grade point average on the TOPS Core that exceeds 4.00.

### **TOPS Tech Award Requirements:**

- TOPS Core Curriculum GPA of 2.50
- Completion of 21.0 TOPS Tech JumpStart Core Curriculum units **or**
- Completion of 19.0 units that comprise the TOPS Core Curriculum for the Opportunity, Performance, and Honor Awards
- Minimum ACT score of 17 **or** ACT WorkKeys Silver (or above)

### **TOPS Opportunity Award Requirements:**

- TOPS Core Curriculum GPA of 2.50
- Completion of 19.0 Core Units of the TOPS Core Curriculum
- Minimum ACT Score of the prior year state average (minimum 20)

### **TOPS Performance Award Requirements:**

- TOPS Core Curriculum GPA of 3.25
- Completion of 19.0 Core Units of the TOPS Core Curriculum
- Minimum ACT score of 23

### **TOPS Honors Award Requirements:**

- TOPS Core Curriculum GPA of 3.50
- Completion of 19.0 Core Units of the TOPS Core Curriculum
- Minimum ACT score of 27

For more information and a complete list of requirements for the TOPS (Taylor Opportunity Program for Students) awards in the state of Louisiana, please visit: <https://mylosfa.la.gov/students-parents/scholarships-grants/tops/>

**\*The informational TOPS link supersedes all information described above.**

## **State Assessments and Exams**

Students are required to pass state-assessment exams in three categories.

Students must pass:

- Algebra I **or** Geometry, and
- English I **or** English II, and
- Biology **or** U.S. History

**\*Note:** Middle school students taking a high school Carnegie credit course with an LEAP 2025 are required to take LEAP 2025 exam. The scores on the LEAP 2025 exams **will determine** graduation eligibility. The grades earned in these courses will be used to calculate high school TOPS GPA. If a student wishes to retake the course once in high school and if a higher grade is earned it will replace the middle school course.

All students enrolled in the courses that have a state assessment exam listed above will be required to take the Leap 2025 exam. For Algebra, Geometry, English I, English II, Biology, and US History, the scores on the Leap 2025 exam will count as the final exam for these courses and will count as 20% of the final grade, with the exception of COVID guidance.

## **Retake or Replace Request**

Students who take Algebra I as an 8th grader with a B or lower can elect to retake or replace the course. The request is the parent's responsibility and must be requested in writing before or during the 9<sup>th</sup> grade-scheduling time period. If a request is submitted after schedules are finalized, the request will not be accepted for the upcoming school year. The highest score will remain.

## **Advancement in Middle School**

### **Criteria for Advanced Progression in Middle School (formerly SMA opportunity)**

Students wishing to enter an advanced progression for Algebra I in their 8th grade year, should look at the following criteria. ***To continue on an Advanced progression in High School, students are recommended to take the ACT prior to their 10th grade year as ACT is a requirement for Dual Enrollment in later years.***

Recommendations mimic Board of Regents Dual Enrollment expectations for readiness indicators:

- Algebra I in their 8th grade year:
  - Most recent Math Leap score: Advanced or Mastery achievement level **AND**
  - Report card grade of an "A" or "B" in 7th grade Math course **AND**
  - Most recent Math iReady score: at grade level or above **OR** ACT Aspire Math indicator of "ready"
  - If no Leap score is available, any standardized test score will substitute. (transfer student)

## **Advancement in High School**

### **Double Blocking: Advanced Progression in High School**

Double blocking is defined as taking two core courses per year in a core subject area for the purpose of acceleration. (i.e. 2 Math courses, 2 Science courses, 2 English courses, or 2 Social Studies courses) . In a block schedule, students have many more course opportunities including double blocking that have both benefits and complications. These recommendations below have been established to facilitate a balance in courses.

### **Recommendations as set by St. James Parish Schools:**

Students are able to double block high school courses in a school year; however, the following must be considered. (Pathway progressions should be followed) (linked on page 2)

- Non-core electives should be balanced with core classes. All electives should not be academic acceleration courses.
- Since advanced progression leads to an earlier request of dual enrollment courses, dual-enrollment criteria should be used when requesting to double block courses (Dual Enrollment Criteria is listed below in the next section).
  - NOTE: Dual enrollment criteria must be met prior to requested/scheduling dual enrollment courses in the following year. If this criteria is NOT met in the next year, advanced course progression in that subject is jeopardized. Therefore, dual-enrollment criteria and ACT predictor data should be used when choosing to double block high school courses to ensure course progression.
  - Example: If double blocking Algebra II and Geometry in the Sophomore year, dual enrollment criteria will be needed prior to the junior year, in order to request/schedule dual enrollment Algebra III, the next natural course in the advanced progression, in the junior year.
- ACT is recommended at the end of the 9th grade year, in an advanced progression.
 

***\*In order to continue in an advanced progression, students must take the ACT and submit their scores prior to the following year scheduling process.***
- English I and English II cannot be double blocked.

## **Dual Enrollment (DE): Criteria for Advanced Progression in High School**

St. James Parish Schools is proud of the many opportunities we are able to provide our students. We also believe it is important for students to balance course loads, school, extra-curricular activities, and life. It is not recommended that a student, at any level, take more than two Dual Enrollment (DE) Courses per semester while in high school in promoting this school-life balance.

### **Student requirements as set by St. James Parish Schools:**

- High School Classification of:
  - SJPS Instructor-led courses: Sophomore, Junior or Senior
  - Online DE courses: Junior or Senior
- Minimum overall high school cumulative GPA of 3.0
- ***ACT Composite of 19 and 1 of the following:***
  - **For all Dual Enrollment English, Social Studies or elective courses:**
    - English ACT sub-score of 18+
    - LEAP 2025 English II - score of Mastery or above
    - ACT Aspire English score of 433
    - Pre-ACT composite of 20 or higher, with English of 18 or higher.
  - **For all Dual Enrollment Math or Science courses:**
    - Math ACT sub-score of 19+
    - LEAP 2025 Algebra I or Geometry - score of Mastery or above
    - ACT Aspire Math score of 431
    - Pre-ACT composite of 20 or higher, with Math of 19 or higher
- Technical courses through RPCC (i.e. Ptech courses) do not have an ACT score requirement; however, must maintain a minimum overall high school cumulative GPA of 2.5.

### **Advancement in Dual Enrollment as set by St. James Parish Schools:**

“Advancement” means approval to take more than 4 dual enrollment courses per school year.

- Approval is needed in the following scenarios:
  - More than 4 dual enrollment courses (F2F and/or online) are requested in a school year.
  - More than 2 online dual enrollment courses are requested in a school year.
- All online dual enrollment courses are full semester (16 week) courses. SJPS does not enroll students in short (8 week) online dual enrollment courses.

### **Application Process**

The application process is a requirement for all dual enrollment courses, both classroom-based (F2F) and online learning. Students must complete the following documents in order to be considered enrolled:

1. St. James District “Student and Parent Consent Form” online application
2. The partnering college application (directions given by district)
3. Submission of ACT scores

### **Attendance**

Students must meet not only the institution’s attendance policy but also the Louisiana Department of Education attendance policy. Failure to do so may result in failure of the college course and/or the high school course.

- High school extra-curricular activities or functions during regular school days are not automatically excusable absences from college DE courses. Prior approval from college professors must be granted on an individual basis, and it is the responsibility of the student to make these arrangements as needed.
- Contacting college DE professors in advance of semester conflicting dates is highly recommended and encouraged.

### **Dual Enrollment Fees:**

All classroom-based courses are offered free to qualified students. Online courses cost \$200 per course. Fees will be collected at the school site during the scheduling process, through the first two weeks of class.

- The school district will incur the remaining tuition amount, as well as, any additional instructional materials needed for courses. (i.e., textbooks, e-books, access codes, other fees) with the exception of withdrawal fees.
- Parking information and fees are the responsibility of the student. Information can be found on each college's webpage.
- Payment is to be made, once students are given a schedule with Dual Enrollment courses listed (pending previous semester final grades) and within the first two weeks of class. Payment directions are given in the "Dual Enrollment Student and Parent Contract" packet.
  - Note: All online course assessments will be proctored. In the event a proctor fee is necessary, the student should seek reimbursement paperwork from their administrator.
  - Note: All online course accommodations (504 and SPED) are the responsibility of the student through the post-secondary institution, as per the institution's policies.

### **Grading and Withdrawal**

At the beginning of each semester, a list with important dates will be sent to DE teachers and schools. Students may drop a college course before the institution's fourteenth day of class with no penalty. If a schedule change can be made during this two-week time frame, then students will be rescheduled. If schedule change is not available, the student remains in the class and will receive high school credit only for that course.

- **If dropping after the fourteenth day:** student withdrawals result in a "W" on the college transcript. The student will remain in the course and complete it earning high school credit only. A "W" will appear on the college transcript. It is the discretion of the college/university to approve or deny a student to take another DE class once a course earns a "W". The student must fill out an Exception Form and submit to St. James Parish Schools Instruction Department for approval to take further DE classes.
- **Students who earn a D or F in a Dual Enrollment Course:** are ineligible to take any DE course the following semester. Teachers must submit a list of students who earned a D or an F in the course to their high school counselor or designated administrator signed off by the respective high school principal. Students who drop a DE course are responsible for paying the **\$100** drop fee to St. James Parish Schools but will remain in the course to complete for high school credit (after the 14<sup>th</sup> day of class). The withdrawal form and the fee must be turned into the teacher together in order for the withdrawal to be processed. The teacher will submit a withdrawal form and fee to the high school counselor or designated administrator.
- **For those students who drop with a "W":** the counselor or designated administrator will remove the DE designation on the student's course so that it doesn't appear on their transcript as a DE class. The student will not earn DE credit (5.0 scale) but will still be on the same 10-point grading scale as the other students in the class for high school credit.

## St. James School District Dual Enrollment Course Offerings:

**F2F** are courses taught in a traditional "face to face" classroom. All dual enrollment courses require dual enrollment criteria requirements.

SJPS Course Name	Universal and Institution Course Names	Institution	Course Type	DE fee requirements Prerequisite
<b>ENGLISH COURSES:</b>				
English IV/CENL 1013	CENL 1013 English 1010: English Composition I	RPCC	C <sup>3</sup> - F2F	No DE fee See DE criteria
English EL/ CENL 1023	CENL 1023 English 1020: English Composition II	RPCC	C <sup>3</sup> - F2F	No DE fee English 1010: C or higher
English DE CENL 2203	CENL 2203 English 2410: World Literature I/British Lit	RPCC	C <sup>3</sup> - F2F	No DE fee English 1020: C or higher
English DE CENL 2513	CENL 2513 English 2002: Professional Writing	RPCC	C <sup>3</sup> - F2F	No DE fee English 1020: C or higher
<b>MATH COURSES:</b>				
Algebra III/ CMAT 1213	CMAT 1213 Math 1100: College Algebra	RPCC	C <sup>3</sup> - F2F	No DE fee See DE criteria
Trigonometry/CMAT 1223	CMAT 1213 Math 1110: Trigonometry	RPCC	C <sup>3</sup> - F2F	No DE fee Math 1100: C or higher
Statistics /CMAT 1303	CMAT 1303 Math 2140: Introductory Statistics	RPCC	C <sup>3</sup> - F2F	No DE fee Math 1100: C or higher
Calculus: CMAT 1530 and CMAT 1540	CMAT 1530 and 1540 (formerly 1550) Math 1530 and 1540: Calculus (6 hour credit)	LSU	C <sup>3</sup> - F2F	No DE fee LSU ALEKS Exam: score of 76 or higher
<b>SCIENCE COURSES:</b>				
Biology II/ BIO 1013	CBIO 1013 BIO 105: General Biology I - Non-Science Majors	Nicholls	C <sup>3</sup> - Online course	DE Fee Eligibility for CENL 1013 and Math 1100
Advanced Chem / CCEM 1123	CCEM 1123 Chemistry I and lab (Chem 1010 and lab)	RPCC	C <sup>3</sup> - F2F	No DE fee Math 1100 credit C or higher
<b>SOCIAL STUDIES COURSES:</b>				
U.S. History DE/CHIS 2023	CHIS 2023 History 2020: American History II	RPCC	Main Campus: F2F	No DE fee See DE criteria
Western Civ I/CHIS 1013	CHIS 1023: Hist 1010 Western Civilization I	RPCC	Main Campus: F2F	No DE fee See DE criteria
<b>OTHER COURSES:</b>				
Fine Arts Survey DE/CART 1023	CART 1023 Art Appreciation - Art 1010	Nicholls	C <sup>3</sup> - Online course	DE Fee See DE criteria, HS Art
American Government DE/CPOL 2013	CPOL 2013 Gov 101: American Government	Nicholls	C <sup>3</sup> - Online course	DE fee See DE criteria
Psychology DE /CPSYC 2010	CPSYC 2010 Psyc 101: Introduction to Psychology	Nicholls	C <sup>3</sup> - Online course	DE fee Eligibility for English 1010
Sociology DE/ CSOC 2013	CSOC 2013 Soc 151: Introduction to Sociology	Nicholls	C <sup>3</sup> - Online course	DE fee See DE criteria
Speech DE/ CCOM 2013	CCOM 2013 Spch 101: Techniques of Speech	RPCC	C <sup>3</sup> - Online course	DE fee Eligibility for English 1010
Introduction to Engineering	N/A Introduction to Engineering	LSU	C <sup>3</sup> - F2F	No DE fee No prereq or min ACT score needed See course description
<b>TECHNICAL COURSES: *These technical RPCC courses do not require the ACT Score requirements</b>				
Process Tech I 1010	Introduction to Process Technology	RPCC	RPCC Campus	No DE fee NCCER Level 2 in JS Concentration Area See course description
Process Tech II 2030	Plant Safety , Health and	RPCC	RPCC Campus	No DE fee NCCER Level 2 in JS Concentration Area See course description
Process Tech III 1330 and 1331	Process Instrumentation Lecture and Lab	RPCC	RPCC Campus	No DE fee Prerequisite: PTech 1010 and 2030 See course description

## **Course Offerings**

- Classes offered by our teachers on our campuses will be scheduled before online courses. Students have a wide-variety of high school electives to take not only on their home-based campus but also at the C<sup>3</sup>.
- Students (home-based and virtual) who have surpassed many of the above courses will be allowed to schedule online courses for a cost of \$200 per course. This requires approval.
- A 6-hour college credit Calculus course is offered at the C<sup>3</sup> through Louisiana State University (STEM partner). Students must enroll in both parts of the Calculus course in order to receive all 6 hours of credit. Students will be scheduled in Math 1530 (3 credit hours) in the Fall with concurrent enrollment in Math 1540 (3 credit hours) in the Spring. In order to enroll in Math 1530 a score of 76 or above on the ALEKS test must be achieved. Math 1540 enrollment is dependent on successful completion of Math 1530 with a C or above. This is to ensure the success of our students enrolled in the course. It is intended that students take these Calculus Courses during their senior year.

## **CLEP**

### **What is CLEP?**

CLEP (the College-Level Examination Program) offers 33 exams that cover intro-level college course material. With a passing score on one CLEP exam, at least three college credits could be earned. CLEP exams consist of multiple-choice questions that range from 90-120 minutes. Juniors and Seniors can choose to take a CLEP exam in St. James Parish during the Spring Semester of each year. If a student is interested in taking an exam, they should seek advice from their counselor. Once it is reported that the student will take an exam, the district will distribute a study guide and an examination date will be arranged and made known to the student. CLEP results are known immediately following the completion of the test.

### **Where is CLEP accepted?**

The CLEP has been the most widely trusted credit-by-examination program for over 40 years, accepted by over 2,900 colleges and universities and administered in more than 1,800 test centers. This program allows students to demonstrate their mastery of introductory college-level materials and earn college credit that is widely accepted for transcript credit when entering a college or university.

### **What is the criteria to take a CLEP exam?**

Students taking a dual enrollment course will be put on a recommendation list by the DE course teacher at the end of the semester. Students who are not taking a Dual Enrollment course may sign up for CLEP consideration during the CLEP sign up window each school year, counselor approval is necessary.

### **Why should my student take the CLEP?**

There are two main reasons to participate in the CLEP examination:

1. CLEP can serve as a “safety net” for your students' education if they have already completed a Dual Enrollment course in the same area, as the CLEP exam is more widely accepted than dual enrollment college credits are accepted at *some* colleges and universities. The CLEP exam simply credits the students transcript with the course that correlates to the passing exam score. If your student has not taken the DE course that the CLEP exam correlates with, then it will serve as an attempt to receive credit for that course.
2. At graduation, recognition and an award is given to students who have passed at least one CLEP exam. This award will be given during the main campus’ “Class Night”, and recognition will occur during the student’s main campus graduation commencement ceremonies. The award is recognized officially as the “CLEP Nationally Recognized Exam Graduation Award”.

**Note:** If a CLEP exam is a requirement in a course (see course description) then teacher recommendation is not necessary.

For more information on CLEP, visit the [LDOE CLEP website here.](#)



### **Career and College Center (known as the C<sup>3</sup>)**

The Career and College Center (known as the C<sup>3</sup>) is a district satellite center merging our former Science and Math Academy (SMA) with our Career and Technical Center (CTC) to allow students to take courses that accelerate their career and/or college progression, before graduating from high school. “Career and College Pathway Progressions” have been developed to help take full advantage of the satellite offerings.

Former SMA and CTC offerings have been redesigned to accelerate students on multiple campuses across the district. The offerings moved to the C<sup>3</sup> enable students success in acceleration of their career and college pathways, while courses moved to the main campuses offer the prerequisites needed for students to accelerate into the satellite offerings.

In order to view the complete list of courses offered at the C<sup>3</sup>, see the course descriptions below for a “C<sup>3</sup>” indication listed on locations for the courses.

### **Virtual Academy**

The Virtual Academy is a school choice program that allows students to take their courses in a virtual delivery method, with options of instruction on hybrid “in-person” learning days, virtual sessions with “live” teachers, or independent learning from home. Students remain connected to the home-based campuses for activities, programs, counseling, athletics, extracurriculars, and testing.

The Virtual Academy offers the majority of the same course offerings as the home-based campuses. To view the complete list, see the course descriptions below for a “virtual” indication on these offerings.

### **Freshman Academy**

St. James Parish Schools is aimed to meet the needs for the most successful learning environment of our students. Students entering into their 9th grade (freshman) school year will enter the “Freshman Academy”.

Freshman Academy courses are designed in 9th grade cohorts, where the majority of the students in the course are of freshman status. The Freshman Academy includes courses such as: English I, Math Essentials, Algebra I, Civics, Physical Science, Health and PE, and Media Arts.

## Course Descriptions

The following courses are possible offerings for the upcoming school year. Each school reserves the right to delete a course from the schedule if there are not enough requests to create a class. Students should choose alternates they are willing to take in case their first-choice courses cannot be offered.

### ENGLISH

High School Course Name Universal Course Name (DE courses) Carnegie credit value	Long Course Name Institution Course Name (DE)	Prerequisite (DE and non-DE courses) DE Value (if applicable): Dual Enrollment college credit value Course Description Leap 2025 requirement Campus locations offered
English I 1 credit	English I	<b>Prerequisite:</b> none <b>Course Description:</b> This course provides practice of English Language Arts standards and benchmarks required to successfully complete the End-of-Course Exam. Students learn grammatical concepts and applications, as well as writing for a variety of purposes. <b>Testing Requirement:</b> Leap 2025 <b>Locations Offered:</b> LHS, SJHS, Virtual
English II 1 credit	English II	<b>Prerequisite:</b> successful completion of English I <b>Course Description:</b> This course provides practice of English Language Arts standards and benchmarks required to successfully complete the End-of-Course Exam. Students learn grammatical concepts and applications, as well as writing for a variety of purposes. <b>Testing Requirement:</b> Leap 2025 <b>Locations Offered:</b> LHS, SJHS, Virtual
English III 1 credit	English III	<b>Prerequisite:</b> successful completion of English II <b>Course Description:</b> This is a survey course of American Literature from Native American writings to present-day authors. Exposure to citations styles MLA and APA formats will be covered. <b>Testing Requirement:</b> none <b>Locations Offered:</b> LHS, SJHS, Virtual
English IV 1 credit	English IV	<b>Prerequisite:</b> successful completion of English III <b>Course Description:</b> Introduction to writing in forms of expressive and informative discourse with emphasis on writing as a learning and thinking process. Discussion of and practice in strategies used in pre-writing, writing and revising. <b>Testing Requirement:</b> none <b>Locations Offered:</b> LHS, SJHS, Virtual
English IV/CENL 1013 1 credit	English Composition I *DE course	<b>Prerequisite:</b> ACT score requirement <b>DE Value:</b> 3 credit hours <b>RPCC Course Name:</b> English 1010 <b>Universal Course Name:</b> CENL 1013 <b>Course Description:</b> Introduction to writing in forms of expressive and informative discourse with emphasis on writing as a learning and thinking process. Discussion of and practice in strategies used in pre-writing, writing, and revising. <b>Testing Requirement:</b> none <b>Locations Offered:</b> Virtual, C <sup>3</sup>
ENGL EL/CENL 1023 1 credit	English Composition II *DE course	<b>Prerequisite:</b> English 1010: C or better <b>DE Value:</b> 3 credit hours <b>RPCC Course Name:</b> English 1020 <b>Universal Course Name:</b> CENL 1023 <b>Course Description:</b> Continuation of strategies learned in ENGL 1010. Introduction to writing persuasive, evaluative, and other forms of argumentative discourse. <b>Testing Requirement:</b> none <b>Locations Offered:</b> C <sup>3</sup>
ENGL DE/CENL 2203 1 credit	World Literature I *DE course	<b>Prerequisite:</b> English 1020: C or better <b>DE Value:</b> 3 credit hours <b>RPCC Course Name:</b> English 2410 <b>Universal Course Name:</b> CENL 2203 <b>Course Description:</b> Readings in World Literature with the emphasis on Southern literature. <b>Testing Requirement:</b> CLEP exam <b>Locations Offered:</b> C <sup>3</sup>
ENGL DE/CENL 2513 1 credit	Professional Writing *DE course	<b>Prerequisite:</b> English 1020: C or better <b>DE Value:</b> 3 credit hours <b>RPCC Course Name:</b> English 2002 <b>Universal Course Name:</b> CENL 2513 <b>Course Description:</b> The preparation of documents used in technical and corporate settings. <b>Testing Requirement:</b> CLEP exam <b>Locations Offered:</b> C <sup>3</sup>

<b>Tech. Writing</b> 1 credit	<b>Technical Writing</b>	<b>Prerequisite:</b> none <b>Course Description:</b> This course includes skills in verbal and written communication in the workplace. Students will know and use terminology in their chosen field of work. Emphasis will be placed on WORKKEYS. <b>Testing Requirement:</b> WorkKeys exam portion <b>Locations Offered:</b> LHS, SJH, Virtual
<b>Business English</b> 1 credit	<b>Business English</b>	<b>Prerequisite:</b> none <b>Course Description:</b> This course includes skills needed to be successful in a business organization. Students will study common business correspondence, including the correct form and use of business applications, information management, information technology and telecommunications. Emphasis will be placed on WORKKEYS. <b>Testing Requirement:</b> WorkKeys exam portion <b>Locations Offered:</b> LHS, SJH, Virtual
<b>Professional Writing</b> 1 credit	<b>Professional Writing</b> NON-DE	<b>Prerequisite:</b> Sophomore or above <b>Course Description:</b> This is a writing course for college-bound students to prepare for upper level and/or dual enrollment English courses. Exposure to citations styles MLA and APA formats will be covered. This course serves as a state-recommended transition course for students scoring below a 21 on the English portion of their ACT. <b>Locations Offered:</b> SJHS

**MATH**

High School Course Name Universal Course Name (DE courses) Carnegie credit value	Long Course Name Institution Course Name (DE)	Prerequisite (DE and non-DE courses) DE Value (if applicable): Dual Enrollment college credit value Course Description Leap 2025 requirement Campus locations offered
<b>Math Essentials I</b> 1 credit	<b>Math Essentials I: Introduction to Algebra</b>	<b>Prerequisite:</b> none <b>Course Description:</b> Students will be able to perform operations with real numbers and algebraic expressions, identify the solution set of linear and quadratic equations and inequalities, perform operations with polynomials, solve word problems, graph linear equations in two variables, and solve systems of equations. <b>Locations Offered:</b> LHS, SJHS, Virtual <i>*See flowchart</i>
<b>Algebra I</b> 1 credit	<b>Algebra I</b>	<b>Prerequisite:</b> none <b>Course Description:</b> Students will be able to perform operations with real numbers and algebraic expressions, identify the solution set of linear and quadratic equations and inequalities, perform operations with polynomials, solve word problems, graph linear equations in two variables, and solve systems of equations. <b>Test Requirements:</b> Leap 2025 <b>Locations Offered:</b> LHS, SJHS, Virtual <i>*This class is offered to 8th grade students who qualify for early progression.</i> <i>*See flowchart</i>
<b>Algebra II</b> 1 credit	<b>Algebra II</b>	<b>Prerequisite:</b> Algebra I <b>Course Description:</b> This course briefly reviews major Algebra I topics then focuses on linear systems of equations and inequalities, matrices, rational numbers, imaginary and complex numbers, and quadratic equations. <b>Locations Offered:</b> LHS, SJHS, Virtual
<b>Geometry</b> 1 credit	<b>Geometry</b>	<b>Prerequisite:</b> Algebra I successful completion <b>Course Description:</b> This course covers concepts ranging from basic material (points, lines, and planes) to special properties of right triangles, along with formulas for area, perimeter, circumference, surface area, and volume. <b>Testing Requirements:</b> Leap 2025 <b>Locations Offered:</b> LHS, SJHS, Virtual
<b>Advanced Math</b> 1 credit	<b>Advanced Math</b>	<b>Prerequisite:</b> Successful completion of Algebra I, Algebra II and Geometry <b>Course Description:</b> This course provides a brief review of solving quadratic, rational, and algebraic equations. Students are involved in an in-depth study of functions, including radical functions, exponential and logarithmic functions, circular trigonometric functions, and right triangle trigonometry. This course serves as a state-recommended transition course for students who have not met college readiness standards. <b>Locations Offered:</b> LHS, SJHS, Virtual
<b>Financial Literacy</b> 1 credit	<b>Financial Literacy</b>	<b>Prerequisite:</b> none <b>Course Description:</b> This course focuses on concepts and applications needed for employment in a technical field. It serves as a foundation for making decisions as consumers, employees, and/or entrepreneurs. This course extends students' knowledge of whole numbers, fractions, decimals, and percents as well as basic statistics and probability, algebra, geometry, and data analysis in the context of relevant real life problem-solving situations. Emphasis will be placed on WORKKEYS. <b>Locations Offered:</b> LHS, SJHS, Virtual
<b>Business Math</b> 1 credit	<b>Business Math</b>	<b>Prerequisite:</b> none <b>Course Description:</b> This course focuses on concepts and applications needed for the design and management of personal/business finances. It serves as a foundation for making decisions as consumers, employees, and/or entrepreneurs. Emphasis is placed on math processes that include manual or electronic calculations of payroll, income tax preparations, interest computation, consumer information, managing income, buying insurance, selling and buying, making sound credit and investment decisions for personal and business transactions. Emphasis will be placed on WORKKEYS. <b>Locations Offered:</b> LHS, SJHS, Virtual
<b>Algebra III/Math 1213</b> CMAT 1213 1 credit	<b>College Algebra</b> *DE course	<b>Prerequisite:</b> ACT score requirements <b>DE Value:</b> 3 credit hours <b>RPCC Course Name:</b> Math 1100 <b>Universal Course Name:</b> CMAT 1213 <b>Course Description:</b> This course is for students who want to earn university credit for College Algebra. Students should have successfully completed with a C or higher Algebra I, Algebra II, and Geometry. This course provides an in-depth study of Quadratic equations, systems of linear equations, inequalities, functions, graphs, exponential and logarithmic functions, complex numbers, and theory of equations. Part of the coursework is completed online, and students must take a comprehensive final exam. <b>Locations Offered:</b> C <sup>3</sup>

<b>Trigonometry/Math 1223</b> <b>CMAT 1223</b> 1 credit	<b>Plane Trigonometry</b> *DE course	<b>Prerequisite:</b> Math 1100: C or better <b>DE Value:</b> 3 credit hours <b>RPCC Course Name:</b> Math 1110 <b>Universal Course Name:</b> CMAT 1223 <b>Course Description:</b> Trigonometric functions and identities, inverse trigonometric functions, graphs, solving triangles and equations, complex numbers, and polar coordinates. <b>Locations Offered:</b> C <sup>3</sup>
<b>Probability and Statistics/ Math 1303</b> 1 credit	<b>Introduction to Probability and Statistics</b> *DE course	<b>Prerequisite:</b> Math 1100: C or better <b>DE Value:</b> 3 credit hours <b>RPCC Course Name:</b> Math 2140 <b>Universal Course Name:</b> CMAT 1303 <b>Course Description:</b> This course will introduce the fundamentals of descriptive and inferential statistics. The major topics include methods for analyzing sets of data, probability, probability distributions, estimation, confidence intervals, hypothesis testing, simple linear regression, correlation and non- parametric statistics. <b>Locations Offered:</b> C <sup>3</sup>
<b>Calculus I Part A</b> <b>CMAT 1530</b> 1 credit	<b>Calculus I (Part A)</b> *DE course Fall	<b>Prerequisite:</b> ALEKS Placement exam: score of 76 or higher <b>DE Value:</b> 3 credit hours <b>LSU Course Name:</b> MATH 1530 <b>Universal Course Name:</b> CMAT 2113 A <b>Course Description:</b> Must also complete application and all required documentation for and through LSU. Limits and derivatives of algebraic, exponential, logarithmic, and trigonometric functions, with applications. <b>Locations Offered:</b> C <sup>3</sup>
<b>Calculus I Part B</b> <b>CMAT 1540</b> 1 credit	<b>Calculus I (Part B)</b> *DE course Spring	<b>Prerequisite:</b> MATH 1530 with a grade of "C" or better <b>DE Value:</b> 3 credit hours <b>LSU Course Name:</b> MATH 1540 <b>Universal Course Name:</b> CMAT 2113 B <b>Course Description:</b> Integrals of algebraic, exponential, logarithmic, and trigonometric functions, with applications. <b>Locations Offered:</b> C <sup>3</sup>

## SCIENCE

High School Course Name Universal Course Name (DE courses) Carnegie credit value	Long Course Name Institution Course Name (DE)	Prerequisite (DE and non-DE courses) DE Value (if applicable): Dual Enrollment college credit value Course Description Leap 2025 requirement Campus locations offered
<b>Environmental Science</b> 1 credit	<b>Environmental Science</b>	<b>Prerequisite:</b> none <b>Course Description:</b> Students investigate how industry, the community, and individuals affect the environment. Through these investigations, students discover how they can improve and protect the world around them. <b>Locations Offered:</b> LHS, SJHS, Virtual
<b>Physical Science</b> 1 credit	<b>Physical Science</b>	<b>Prerequisite:</b> none <b>Course Description:</b> This course emphasizes the skills necessary to understand the basics of other college preparatory courses such as chemistry and physics. Chemistry-related topics include scientists and their contributions, scientific method of investigation, metric computation, composition of matter, structure of matter, atomic structure, chemistry of elements and compounds, solutions, suspensions, emulsions, acids, bases and salts, as well as organic chemistry. Physics topics include forms and types of energy, forces in motion, work, as well as nuclear energy and its application. <b>Locations Offered:</b> LHS, SJHS, Virtual
<b>Biology I</b> 1 credit	<b>Biology I</b>	<b>Prerequisite:</b> none <b>Course Description:</b> This course covers concepts in Cell Biology, Genetics and Ecology. <b>Testing Requirement:</b> Leap 2025 <b>Locations Offered:</b> LHS, SJHS, Virtual
<b>Biology II</b> BIO1013 1 credit	<b>General Biology I- *Non-science majors)</b> *DE course	<b>Prerequisite:</b> Biology: C or higher <b>DE Value:</b> 3 credit hours <b>Nicholls Course Name:</b> BIO 105 <b>Universal Course Name:</b> C BIO 1013 <b>Course Description:</b> A survey of the principles and concepts of biology. This course covers the concepts in cell biology, genetics, ecology, and evolution. Designed for students only needing one year of college biology. <b>Testing Requirements:</b> none <b>Locations Offered:</b> online DE offering
<b>Chemistry</b> 1 credit	<b>Chemistry</b>	<b>Prerequisite:</b> none, recommendation: successful completion of Biology and Physical Science <b>Course Description:</b> successful completion of Biology and Physical Science (or Principles of Engineering). Consists of studies in solutions, reactions, Stoichiometry, states of matter, gas laws, bonding, molarity, modality, and thermochemistry. Students interested in the class should have successfully completed Algebra I or enrolled in Algebra II. <b>Testing Requirement:</b> none <b>Locations Offered:</b> LHS, SJHS, Virtual
<b>Advanced Chemistry/ CCEM 1123</b> Chem1123/Lab 1 credit	<b>Chemistry I with lab</b> *DE course	<b>Prerequisite:</b> Math 1100 with a C or better (revised according to RPCC Aug 2022) <b>DE Value:</b> 4 credit hours (3 lecture hours, 1 lab hour) <b>RPCC Course Name:</b> Chem 1010 and 1010 lab <b>Universal Course Name:</b> CCEM 1123 and lab <b>Course Description:</b> This course includes the fundamental laws, modern theories and principles of chemistry with emphasis on atomic structure, periodicity, bonds, and stoichiometry. Integrated into this course are problem solving and quantitative approaches. This course is intended for science and engineering curricula. <b>Testing Requirement:</b> none <b>Locations Offered:</b> C <sup>3</sup>
<b>Physics</b> 1 credit	<b>Physics</b>	<b>Prerequisite:</b> Successful completion of Biology, Physical Science <b>and</b> Chemistry. Students interested in the class should be enrolled in or have taken Advanced Math or College Algebra. <b>Course Description:</b> Consists of studies in mechanics, dynamics, waves, light, states of matter, and electricity. This course combines a mathematical approach to science through physical aspects. Labs are part of the course followed by a detailed lab report. It challenges students through hands-on applications and critical thinking. Students interested in the class should be enrolled in or have taken Advanced Math or College Algebra <b>Locations Offered:</b> LHS

**SOCIAL STUDIES**

High School Course Name Universal Course Name (DE courses) Carnegie credit value	Long Course Name Institution Course Name (DE)	Prerequisite (DE and non-DE courses) DE Value (if applicable): Dual Enrollment college credit value Course Description Leap 2025 requirement Campus locations offered
<b>African American History</b> 1 credit	<b>African American History</b>	<b>Course Description:</b> This course will be devoted to the study of African American people in the world such as their history, culture, sociology and religion. <b>Locations Offered:</b> LHS, SJHS
<b>Civics</b> 1 credit	<b>Civics</b>	<b>Prerequisite:</b> none <b>Course Description:</b> This course involves instruction in the function and structure of local, state, and national government under the Constitution. Emphasis is on the development of an appreciation of our democracy's privileges and an awareness of the obligations students have as citizens. <b>Locations Offered:</b> LHS, SJHS, Virtual
<b>U.S. History</b> 1 credit	<b>U.S. History</b>	<b>Prerequisite:</b> successful completion of Civics <b>Course Description:</b> The course covers the period of time from Western Expansion to the Modern Age. <b>Testing Requirement:</b> Leap 2025 <b>Locations Offered:</b> LHS, SJHS, Virtual
<b>U.S. History/ CHIS 2023</b> 1 credit	<b>U.S. History: American History II</b> *DE course	<b>Prerequisite:</b> successful completion of Civics <b>and</b> ACT DE score requirement <b>DE Value:</b> 3 credit hours <b>RPCC Course Name:</b> HIST 2010 <b>Universal Course Name:</b> CHIS 2023 <b>Course Description:</b> This course is a survey of United States history from 1865 to the present. <b>Testing Requirement:</b> CLEP exam (please see COVID SY adjustments on page 8) <b>Locations Offered:</b> LHS, SJHS
<b>Western Civilization I CHIS 1013</b> 1 credit	<b>History of Western Civ. I</b> *DE course	<b>Prerequisite:</b> successful completion of Civics <b>and</b> ACT DE score requirement <b>DE Value:</b> 3 credit hours <b>RPCC Course Name:</b> HIST 1010 <b>Universal Course Name:</b> CHIS 1013 <b>Course Description:</b> This course is a survey of the history of western civilization up to A.D. 1500. <b>Testing Requirement:</b> <b>Locations Offered:</b> LHS, SJHS
<b>World Geography</b> 1 credit	<b>World Geography</b>	<b>Prerequisite:</b> none <b>Course Description:</b> Students will study the surfaces of the Earth and its physical and human features. By using maps, graphs, charts, diagrams, and technology, students will be more aware of their surroundings and planet. <b>Locations Offered:</b> LHS, SJHS, Virtual
<b>World History</b> 1 credit	<b>World History</b>	<b>Prerequisite:</b> none <b>Course Description:</b> This course includes world history that covers the period of time from the caveman to the 1800s. The class will discuss cultures, religions, and beliefs of people around the world. Students actively participate in taking notes, class discussion, timeline creations, map comparisons, video clips, and other projects and activities. <b>Locations Offered:</b> LHS, SJHS, Virtual

## HEALTH & PHYSICAL EDUCATION

High School Course Name Universal Course Name (DE courses) Carnegie credit value	Long Course Name Institution Course Name (DE)	Prerequisite (DE and non-DE courses) DE Value (if applicable): Dual Enrollment college credit value Course Description Leap 2025 requirement Campus locations offered
<b>PE I, PE II, PE III, PE IV</b> 1 credit	<b>Physical Education</b>	<b>Course Description:</b> Activities in this course will include daily exercises and stretching; physical fitness testing; team sports (basketball, flag football, wiffle ball, softball, volleyball); track and field; lifetime sports (badminton, bowling, tennis); recreational games (volley tennis, shuffleboard, table tennis, horse shoes). Emphasis will be placed on sportsmanship and teamwork; basic skills and rules will be taught and tested. Uniforms are required and should have the student's name marked on each. <b>Locations Offered:</b> LHS, SJHS, Virtual
<b>Boys Fall Sports I, II, III, IV</b> 1 Credit	<b>Physical Education</b>	<b>Course Description:</b> This course is available to all athletes in grades 9-12. <b>Locations Offered:</b> SJHS <b>Note:</b> Enrollment in this course is pending Athletic Director approval.
<b>Girls Fall Sports I, II, III, IV</b> 1 Credit	<b>Physical Education</b>	<b>Course Description:</b> This course is available to all athletes in grades 9-12. <b>Locations Offered:</b> SJHS
<b>Boys Spring Sports I, II, III, IV</b> 1 Credit	<b>Physical Education</b>	<b>Course Description:</b> This course is available to all athletes in grades 9-12. <b>Locations Offered:</b> SJHS
<b>Girls Spring Sports I, II, III, IV</b> 1 Credit	<b>Physical Education</b>	<b>Course Description:</b> This course is available to all athletes in grades 9-12. <b>Locations Offered:</b> SJHS
<b>PE/Health</b> ½ credit ½ credit	<b>Physical Education &amp; Health</b>	<b>Course Description:</b> This is a 9 weeks- course that will cover such topics as first aid; drugs and alcohol; sexually transmitted diseases and AIDS; nutrition (eating disorders, diet, fasting); violence (gangs); mental health (mental disorders, suicide, dealing with death). <b>Locations Offered:</b> LHS, SJHS, Virtual
<b>Boys Weights I, II, III, IV</b> 1 credit each	<b>Weightlifting PE Boys</b>	<b>Course Description:</b> Sport associated weightlifting for boys. <b>Locations Offered:</b> LHS
<b>Girls Weights I, II, III, IV</b> 1 credit each	<b>Weightlifting PE Girls</b>	<b>Course Description:</b> Sport associated weightlifting for girls. <b>Locations Offered:</b> LHS



## ELECTIVES

High School Course Name Universal Course Name (DE courses) Carnegie credit value	Long Course Name Institution Course Name (DE)	Prerequisite (DE and non-DE courses) DE Value (if applicable): Dual Enrollment college credit value Course Description Leap 2025 requirement Campus locations offered
<b>PostSecondary Prep</b> 1 credit	<b>PostSecondary Prep: ACT and Student Life Experience</b>	<b>Course Description:</b> Students practice the skills needed to improve their performance on the American College Test (ACT). Students will encounter topics that give experience on student life after high school. Topics may include: money management, email etiquette, time-management, self-confidence, and independent living. <b>Locations Offered:</b> LHS, SJHS <b>Notes:</b> It is recommended to take this course with Algebra II, in the Advanced progression pathway.
<b>Adv. ACT Prep</b> 1 credit	<b>Advanced ACT Prep</b>	<b>Prerequisite:</b> ACT Composite: minimum score of 20, or Pre-ACT <b>Course Description:</b> Students practice the skills needed to improve their performance on the American College Test <b>Locations Offered:</b> LHS
<b>Art I</b> 1 credit	<b>Art I</b>	<b>Course Description:</b> Art I incorporates all aspects of drawing. Students begin by using pencil as a medium, working their way into charcoal drawing. After exploring black and white expression, students add color into their drawings, first with colored pencils and then with chalks. <b>Locations Offered:</b> LHS, SJHS
<b>Art II</b> 1 credit	<b>Art II</b>	<b>Prerequisite:</b> Art I <b>Course Description:</b> A focus on advanced drawing techniques, painting, and 3- dimensional sculpture. <b>Locations Offered:</b> LHS, SJHS
<b>Art III</b> 1 credit	<b>Art III</b>	<b>Prerequisite:</b> Art I and II <b>Course Description:</b> Advanced painting is combined with large scaled sculptures. <b>Locations Offered:</b> LHS, SJHS
<b>Art IV</b> 1 credit	<b>Art IV</b>	<b>Prerequisite:</b> Art I, II and III <b>Course Description:</b> Independent study course focuses on individual interests. <b>Locations Offered:</b> LHS, SJHS
<b>Business Computer Applications</b> 1 Credit	<b>Business Computer Applications BCA</b>	<b>Prerequisite:</b> Computer tech literacy and IBCA <b>Course Description:</b> This course acquaints students with the basic principles associated with information processing. Students study fundamental computer concepts, software applications and computer systems. Focus is placed on skill development in using technology to perform basic information processing. Studies include computer concepts, word processing, spreadsheet, database and presentation software applications, which will increase in difficulty in the second semester. <b>Locations Offered:</b> LHS, SJHS, Virtual
<b>Child Development &amp; Adv. Child Dev.</b> 1 Credit	<b>Child Development/ Advanced Child Development</b>	<b>Course Description:</b> Students study the physical, intellectual, social and emotional growth and development of children from birth through early childhood. Topics include prenatal development, preparation for birth and the birth process, impacts of heredity, environment and family on the development of the child, and meeting children's needs for food, clothing, shelter and care. Emphasis is on helping students create an environment for children that promote optimum development. <b>Locations Offered:</b> LHS, SJHS
<b>Choir I, II, III, IV</b> 1 Credit	<b>Choir</b>	<b>Course Description:</b> This course is designed to introduce and develop basic singing techniques, sight-reading skills, ear training, basic music theory concepts, harmony and performance etiquette and technique. There will be several performance opportunities throughout the semester and students will be required to participate in a variety of performances both during the school day and evenings/weekends. <b>Location Offered:</b> SJHS
<b>Coding with Apps I</b> 1 Credit	<b>Swift Coding for Beginners I</b>	<b>Course Description:</b> The <i>App Development with Swift</i> course designed by Apple engineers and educators will teach students elements of app design using Swift. Students will learn to code and design fully functional apps. It will cover key programming concepts, development tools, and industry best practices. This class can help you engage and prepare students for high skilled, in-demand jobs and careers. <b>Locations Offered:</b> LHS
<b>Coding II and III</b> 1 credit each	<b>Swift Coding II and III</b>	<b>Prerequisite:</b> Coding with Apps I: successful completion. <b>Course Description:</b> The <i>App Development with Swift</i> course designed by Apple engineers and educators will continue from Coding with Apps I, where it will continue to teach students elements of app design using Swift. Students will learn to code and design fully functional apps. It will cover key programming concepts, development tools, and industry best practices. This class can help you engage and prepare students for high skilled, in-demand jobs and careers. <b>Location Offered:</b> LHS
<b>Concert Band I, II, III, or IV (Spring)</b> 1 credit each	<b>Concert Band</b>	<b>Course Description:</b> The Concert Band series of courses are designed for students, grades 9-12, as their co-curricular course requirement for being part of the band program. This course is mandatory for all in the band program. In this course we learn music fundamentals such as improving technical ability, musical understanding, concert preparation, rehearsal and concert etiquette, etc. Competitions and performances are also included within this course. <b>Locations Offered:</b> LHS, SJHS

<b>Criminal Justice I</b> 1 credit each	<b>Criminal Justice</b>	<b>Course Description:</b> This course will cover the 3 main components of the criminal justice system: law enforcement, courts, and corrections. <b>Locations Offered:</b> LHS
<b>Criminal Justice II</b> 1 credit each	<b>Criminal Justice</b>	<b>Course Description:</b> This is the continuation of Criminal Justice I. This course will continue to cover the 3 main components of the criminal justice system: law enforcement, courts, and corrections. <b>Locations Offered:</b> LHS
<b>Customer Service</b> 1 credit	<b>Customer Service</b>	<b>Prerequisites:</b> None <b>Course Description:</b> This course is designed to address customer service needs in various service industries. This course allows students to explore various scenarios that include problems and set up customers to "feel satisfied and continue to buy products or services" after a need is addressed. Students will also learn to provide technical assistance, protect customers' privacy, provide customers with products and/or services which meet their needs, and ensure that customers feel they are getting good value for their money. <b>IBC Requirements:</b> Customer Service Certification <b>Location Offered:</b> LHS, SJHS
<b>Dance I, II, III, or IV</b> 1 Credit	<b>Dance</b>	<b>Course Description:</b> This course is designated to introduce and develop basic dance techniques through the study of dance elements, vocabulary, history, application, strength & conditioning, musical relationships, real-world applications, choreography and performance. Students will be required to participate in a variety of performances, including the fall or spring production, both during the school day and evenings/weekends, during the semester they are enrolled in this course. <b>Location Offered:</b> SJHS
<b>Fine Arts Survey</b> 1 credit	<b>Fine Arts Survey</b>	<b>Prerequisite:</b> <b>Course Description:</b> This course is more lecture and discussion around the different forms of Art. This class is an alternative to regular Art I and II. <b>Locations Offered:</b> SJHS, Virtual
<b>IBCA</b> 1 credit	<b>Introduction to Business Computer Applications</b>	<b>Course Description:</b> This course is the first of two courses designed to provide students with mastery of the touch method of operating the computer keyboard. The students gain skill in applying the correct techniques in preparing simple personal and business documents. Emphasis is placed on skill development in mastering basic keyboarding techniques with speed and control for formatting simple documents. Communication skills are reinforced in this course as students format and proofread. Students should schedule this course if they were not successful in middle school Keyboarding or if they have never taken Keyboarding. <b>Locations Offered:</b> LHS, SJHS, Virtual
<b>Marching Band I, II, III, or IV (Fall)</b> 1 Credit	<b>Marching Band</b>	<b>Course Description:</b> The Marching Band series of courses are designed for students, grades 9-12, co- curricular course requirement for being part of the band program. In this course students will learn competition/half-time music, stands tunes, drum cadences, color guard and majorette choreography, etc. This course is also meant for new band members. Competitions and performances are also included. <b>Locations Offered:</b> LHS, SJHS
<b>Media I</b> 1 Credit	<b>Media Arts I</b>	<b>Course Description:</b> This is an exploratory course where students develop traditional art skills while exploring multimedia to learn a variety of project-based image manipulation and refinement techniques with the use of Adobe Creative Suite. Students will explore potential career paths within multimedia and incorporate industry best practices, problem-solving while learning technical tools. Expanding further into Adobe's Creative Suite, students will learn basic video production, having the opportunity to shoot and edit videos. By using powerful industry-standard professional software, students have the opportunity to obtain the path of Adobe certification. <b>Testing Requirement:</b> Potential Adobe certification opportunity <b>Locations Offered:</b> LHS, SJHS, virtual
<b>Media II</b> 1 Credit	<b>Media Arts II</b>	<b>Prerequisite:</b> Media I. <b>Course Description:</b> An intermediary course focused on the tools and techniques used in the Graphic Arts/Design industry, with a focus on mastery of Adobe Photoshop. Students tackle professional media marketing projects and tasks using industry-standard graphics programs, including professional publishing and typesetting techniques, rapidly expanding their repertoire through more advanced graphic design problem-solving. The curriculum involves a long-term "campaign" that is comprised of various projects, with a professional focus. <b>Testing Requirements:</b> Potential IBC credential in Adobe Photoshop <b>Locations Offered:</b> LHS, SJHS
<b>Media III</b> 1 Credit	<b>LHS – Digital Media III - Bulldog Graphics</b>	<b>Prerequisite:</b> Media Arts 2 Print <b>Course Description:</b> Students create and deliver their own Print capstone for professional projects. Putting together all they have learned; students will operate in a professional capacity and exhibit professionalism and best industry practices. As a foundation, print media students will learn and master "Adobe Illustrator", with an emphasis on developing print/design media for the "in-school agency." <b>Testing Requirements:</b> Potential IBC credential in Adobe Illustrator or Adobe Photoshop <b>Location Offered:</b> LHS
	<b>SJH – Digital Media III – Wildcat Productions</b>	<b>Prerequisite:</b> Media Arts 2 Video <b>Course Description:</b> Students create and deliver their own Video capstone for professional projects. Putting together all they have learned; students will operate in a professional capacity and exhibit

		<p>professionalism and best industry practices. As a foundation, video media students will learn and master “Adobe After Effects”, with an emphasis on developing video media for the “in-school agency”.</p> <p><b>Testing Requirements:</b> Potential IBC credential in Adobe Premier or Adobe After Effects</p> <p><b>Location Offered:</b> SJH</p>
<b>Media IV</b> 1 Credit	<b>LHS – Digital Media IV - Bulldog Graphics</b>	<p><b>Prerequisite:</b> Media Arts 2 &amp; 3</p> <p><b>Course Description:</b> Students create and deliver their own Print and/or Video capstone or internship projects. Putting together all they have learned; students will operate in a professional capacity and exhibit professionalism and best industry practices. As a foundation, print media students will learn and master “Adobe Illustrator”, with an emphasis on developing print/design media for the “in-school agency”. Video media students will learn and master “Adobe After Effects” (Motion Graphics) , with an emphasis on developing video productions for the “in-school agency” and other outside entities. Students will have the opportunity for district internship.</p> <p><b>Testing Requirements:</b> Potential IBC credential in Adobe Illustrator or Adobe After Effects</p> <p><b>*Aligned to Pre-Internship courses at C3 - -</b> You get a combination of classroom and job experience with opportunity for some payment. ; Senior Classification; Adobe certification; contingent on funding</p> <p><b>Location Offered:</b> LHS</p>
	<b>SJH – Digital Media IV – Wildcat Productions</b>	<p><b>Prerequisite:</b> Media Arts 2 &amp; 3</p> <p><b>Course Description:</b> Students create and deliver their own Print and/or Video capstone or internship projects. Putting together all they have learned; students will operate in a professional capacity and exhibit professionalism and best industry practices. As a foundation, print media students will learn and master “Adobe Illustrator”, with an emphasis on developing print/design media for the “in-school agency”. Video media students will learn and master “Adobe After Effects” (Motion Graphics) , with an emphasis on developing video productions for the “in-school agency” and other outside entities. Students will have the opportunity for district internship.</p> <p><b>Testing Requirements:</b> Potential IBC credential in Adobe Illustrator or Adobe After Effects</p> <p><b>*Aligned to Pre-Internship at C3 - -</b> You get a combination of classroom and job experience with opportunity for some payment.; Senior Classification; Adobe certification; contingent on funding</p> <p><b>Location Offered:</b> SJH</p>
<b>Musical Theater I, II, III, or IV</b> 1 credit each	<b>Musical Theater</b>	<p><b>Course Description:</b> The purpose of this course is to expose students to all areas of musical theater with special attention to the fundamentals of voice production, stage movement, acting, dance and technical aspects of a musical production like stage lighting, set design and construction. Students will be required to participate in a variety of performances, including the fall or spring production, both during the school day and evenings/weekends, during the semester they are enrolled in this course.</p> <p><b>Locations Offered:</b> SJHS</p>
<b>NCCER Core</b> 1 credit	<b>NCCER Core</b>	<p><b>Prerequisites:</b> None</p> <p><b>Course Description:</b> NCCER Core is a prerequisite for completion of all NCCER credentials. Level 1 or above credentials (i.e. Weld I, Pipe I) cannot be attained until NCCER Core has been successfully completed. Focus is on skills required to earn NCCER Core Certification.</p> <p><b>IBC Requirements:</b> NCCER Core Certification</p> <p><b>Location Offered:</b> LHS, SJHS</p>
<b>Food and Nutrition/ Advanced Foods and Nutrition</b> 1 Credit	<b>Foods &amp; Nutrition and Advanced Foods &amp; Nutrition</b>	<p><b>Course Description:</b> Students learn the importance of food and its relationship to good health. The advanced course also includes basic, as well as, advanced food preparation skills. Lab fees may be required. Each course will receive ½ unit credit.</p> <p><b>Location Offered:</b> LHS, SJHS</p>
<b>Psychology</b> 1 credit	<b>Psychology</b>	<p><b>Course Description:</b> An introduction to the science and profession of psychology.</p> <p><b>Location Offered:</b> LHS, SJHS</p>
<b>Publications I, II</b> 1 credit each	<b>Publications</b>	<p><b>Course Description:</b> Students take photos, write stories, and prepare layouts in order to produce the school’s yearbook. Students continue their study of journalism and demonstrate their ability to do journalistic writing and design for high school publications and a variety of media formats. Students will express themselves publicly with meaning and clarity for the purpose of informing, entertaining, or persuading. The experience of working on high school publications or broadcast staffs will prepare students for career paths in journalism, communications, writing, or related fields.</p> <p><b>Locations Offered:</b> LHS, SJHS</p>
<b>Spanish I</b> 1 credit	<b>Spanish I</b>	<p><b>Course Description:</b> Students exchange simple spoken and written information in Spanish. They will present orally and in writing information in Spanish that contains a variety of vocabulary, phrases, and structural patterns. The students will use verbal and non-verbal cues to understand simple spoken and written messages in Spanish. They will demonstrate skills to sustain brief oral and written exchanges in Spanish using familiar phrases and sentences.</p> <p><b>Testing Requirement:</b> CLEP exam by teacher recommendation (please see COVID SY adjustments on page 8)</p> <p><b>Locations Offered:</b> LHS, SJHS, Virtual</p>
<b>Spanish II</b> 1 credit	<b>Spanish II</b>	<p><b>Prerequisite:</b> Spanish I.</p> <p><b>Course Description:</b>Continuation of Spanish I with strong emphasis on grammar, reading, and writing.</p> <p><b>Testing Requirement:</b> CLEP exam with teacher recommendation. (please see COVID SY adjustments on page 8)</p> <p><b>Locations Offered:</b> LHS, SJHS</p>

<b>Speech</b> 1 credit	<b>Speech</b>	<b>Course Description:</b> Students participate in a variety of activities that will help to prepare them for real-life communication situations. Students will learn skills in interviewing for a job, public speaking, and dealing with the public. This course explores other forms of communicating through radio and TV broadcasting, newspapers, magazines, photography, and theatre. <b>Locations Offered:</b> LHS, SJHS
<b>Sports Medicine I &amp; II</b> ½ Credit ½ Credit	<b>Sports Medicine I &amp; II</b>	<b>Course Description:</b> The first half of this course is designed to provide an overview of the field of sports medicine as well as expose students to fundamental skills involved in a sports medicine healthcare setting. Students learn about the study of medicine and how the field of sports medicine is unique in its focus and delivery of health care. The second half of this course provides students with an overview of the pathology of sports injuries and basic management skills. Students learn about the body's response to an injury and how to apply basic emergency action principles and skills. An emphasis is placed on an athlete's psychological and sociological response to an injury and basic coping strategies utilized by healthcare professions to assist them to recovery. Each course will receive ½ unit credit. <b>Locations Offered:</b> LHS
<b>Sports Medicine III</b> 1 credit	<b>Sports Medicine III</b>	<b>Prerequisite:</b> Sports Medicine I and II: successful completion <b>Course Description:</b> The course provides a knowledge base on the management techniques of athletic injuries and illnesses used by professional healthcare providers. It also allows students the opportunity to select their own sports medicine topics for study. <b>Locations Offered:</b> LHS
<b>Study Skills I-IV</b> 1 credit	<b>Study Skills</b>	<b>Course Description:</b> Only students enrolled in the special education program are eligible for this course that provides assistance with studying, test-taking strategies, organization, completion of class assignments, and academic coaching. Individual student needs determine class activities. Student must be responsible and all necessary materials as instructed by study skills teacher. <b>Locations Offered:</b> SJH, LHS
<b>Technical Theatre</b> 1 credit	<b>Technical Theatre</b>	<b>Prerequisite:</b> none <b>Course Description:</b> This course encompasses all that goes into making a staged production. Students will learn all the areas of technical theatre including set design, lighting, prop making, costuming, make-up and sound. All of these areas work together to bring a show to life on stage. Students will also work in conjunction with the musical theatre performance class to put on the major production at the end of the semester. <b>Locations Offered:</b> SJH
<b>Theatre I, II</b> 1 credit each	<b>Theater I, II</b>	<b>Course Description:</b> Students will explore analysis and performance aspects of prose, poetry and dramatic literature. <b>Locations Offered:</b> SJH, LHS

## ELECTIVES – Career and College Center Courses (C<sup>3</sup>)

High School Course Name Universal Course Name (DE courses) Carnegie credit value	Long Course Name Institution Course Name (DE)	Prerequisite (DE and non-DE courses) DE Value (if applicable): Dual Enrollment college credit value Course Description Leap 2025 requirement Campus locations offered
<b>Accounting I</b> 1 credit	<b>Accounting I</b>	<b>Course Description:</b> This course introduces basic accounting theory and procedures along with current applications of computer technology in accounting. Emphasis is placed on mastery of basic accounting concepts and procedures, critical thinking, problem solving, decision-making, technology and team building skills. <b>Testing Requirement:</b> CLEP available <b>Locations Offered:</b> C <sup>3</sup>
<b>Accounting II</b> 1 credit	<b>Accounting II</b>	<b>Prerequisite:</b> Accounting I <b>Course Description:</b> This is a continuation of the course that introduces basic accounting theory and procedures along with current applications of computer technology in accounting. Emphasis is placed on mastery of basic accounting concepts and procedures, critical thinking, problem solving, decision-making, technology and team building skills. <b>Testing Requirement:</b> none <b>Location Offered:</b> C <sup>3</sup>
<b>Agriscience I</b> 1 Credits	<b>Agriscience I</b>	<b>Prerequisite:</b> NCCER Core Certification <b>Course Description:</b> Ag I provides students with basic knowledge of agriculture and science applications in agriculture. Units include animal science, soil science, plant science, agricultural mechanics, food science technology, and agricultural leadership. Math, Science, English, Biology, & Human Relations skills will be reinforced. Supervised agricultural experience programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Focus is on the skills required to earn NCCER Core Certification. <b>IBC Requirement:</b> None <b>Locations Offered:</b> C <sup>3</sup>
<b>Agriscience II - IV</b> 1 Credits	<b>Agriscience II - IV</b>	<b>Prerequisite:</b> Agriscience I <b>Course Description:</b> This course provides basic knowledge of agriculture and science applications in agriculture. Units include animal science, soil science, plant science, agricultural mechanics, and agricultural leadership. Mathematics, Science, English, Biology, and Human Resources skills will be reinforced in this course. Work-based learning strategies appropriate for this course are school-based enterprises, field trips, and internships. 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. Students can work toward industry certification through the National Center for Construction Education and Research (NCCER) <b>IBC Requirements:</b> None <b>Locations Offered:</b> C <sup>3</sup>
<b>Allied Health I</b> 1 credit	<b>Allied Health I</b>	<b>Prerequisite:</b> recommendation is Biology <b>Course Description:</b> Students must be 16 years old by the completion of this course in order to schedule this course. Allied Health I & II are designed to prepare the student with general entry-level skills and knowledge common to many allied health care areas. Instruction in this course includes an overview of careers in health care, health care systems, legal/ ethical issues, body mechanics, standard precautions, legal responsibilities, communication skills, and professionalism. Oral and written skills are reinforced in this course through simulated in-school activities designed to provide opportunities for the student to develop clinical skills and appropriate professional behaviors. These courses also provide the student with the ability to identify medical terms by analyzing their components. Emphasis is placed on defining medical prefixes, root words, suffixes and abbreviations. The primary focus is on skill development, both oral and written, of the language utilized for communication in the health care professions. The course is designed to study the anatomical structure and physiology of all systems in the human body, as well as diseases processes associated with each. Diagnostic procedures and pharmacology are also discussed. Work-based strategies will include field trips to appropriate facilities. <b>Locations Offered:</b> C <sup>3</sup>
<b>Emergency Medical Responder</b> 1 credit	<b>Emergency Medical Responder</b>  (formerly Allied Health II)	<b>Prerequisite:</b> Recommendation is Allied Health I <b>Course Description:</b> The <b>EMR course</b> is designed to provide participants with the basic knowledge and skills to manage many <b>medical</b> and trauma-related emergencies. Upon successful completion of this <b>course</b> , graduates are eligible to seek national certification as an <b>Emergency Medical Responder</b> through the National Registry of EMTs. <b>Locations Offered:</b> C <sup>3</sup>
<b>Emergency Medical Technician</b> 2 credits	<b>Emergency Medical Technician</b>	<b>Prerequisite:</b> Allied Health I & Medical Terminology, or starting SY 20-21 Allied Health I (fall) & II (spring) <b>Course Description:</b> Students must be 18 years old by the completion of this course in order to schedule this course. Course topics include assessing the patient's condition, performing CPR, dealing with blood loss, administering bandages, managing respiratory problems, first response treatment for common injuries and emergency childbirth. The <b>EMT-Basic</b> class includes hours in the classroom and the field. <b>Locations Offered:</b> C <sup>3</sup>

<b>Engineering Design and Development</b> 1 credit	<b>Engineering Design and Development</b>	<b>Prerequisite:</b> none <b>Course Description:</b> This is a culminating course of the Pre-Engineering pathway. This course is designed to provide the student with the skills necessary to understand and interpret engineering drawings and working sketches. The student will learn to construct 3D models and engineering drawings using computer-aided design, CAD. In addition to working on developing spatial reasoning and technical drawing skills, students will develop technical writing skills and certain soft skills through journal article reflections, work ethic lessons, and oral presentations on various topics throughout the semester. The course will culminate with a 6-8 week long final project where students will work on teams to identify a problem, design a unique solution, create a prototype, then test the solution. <b>Required Testing:</b> Autodesk Inventor Certified User Advanced credential (Statewide Advanced IBC). <b>Location Offered:</b> C <sup>3</sup> <b>Note:</b> This course can be used as an Art elective on the TOPS University degree.
<b>Entrepreneurship</b> 1 credit	<b>Entrepreneurship</b>	<b>Prerequisites:</b> None <b>Course Description:</b> Students learn what it takes to run their own small business. Small businesses provide the vast majority of employment in Louisiana and across the United States. Students work to earn a credential that small businesses everywhere will respect and value. When you apply for jobs in the future you'll be able to put this credential on your resume. Companies, especially small businesses in our community, will know this credential means you've mastered key information and skills that will make you an effective employee. Further, this information and these skills will help you learn what it takes to launch your own business, something many of you may be interested in doing in the future. <b>IBC Requirements:</b> Micro-Enterprises Regional Level and Customer Service Certification <b>Location Offered:</b> C <sup>3</sup>
<b>Entrepreneurship II</b> 1 credit	<b>Entrepreneurship II - State Level</b>	<b>Prerequisites:</b> Entrepreneurship <b>Course Description:</b> Continuation of Entrepreneurship. Students learn what entrepreneurship is in the market economy. Students will develop a business plan and identify marketing needs. Students will create marketing, distributing, promoting and selling plans about the business. Students will learn Operational, Risk, Human Resources and Future Growth Management. <b>IBC Requirements:</b> Micro-Enterprises State Level <b>Location Offered:</b> C <sup>3</sup>
<b>Fine Arts Survey DE/ CART 1023</b>	<b>Art Appreciation</b> *DE course	<b>Prerequisite:</b> successful completion of High School Art and ACT DE Score requirements <b>DE Value:</b> 3 credit hours <b>Nicholls Course Name:</b> Art 110 <b>Universal Course Name:</b> CART 1023 <b>Course Description:</b> This course has an emphasis placed on the different methods of visual expression in our society and how and why works are created. All major forms of drawing, painting, printing, sculpture, design and architecture explored in basic terms. <b>Locations Offered:</b> Online DE offering: C <sup>3</sup>
<b>Intro to Computational Thinking</b> 1 Credit	<b>Introduction to Computational Thinking</b>	<b>Prerequisites:</b> none <b>Course Description:</b> This course will introduce coding as the means to express and communicate STEM ideas and to interact with computing devices. Students will be presented with problems arising from science, engineering and mathematics for which simple computational solutions are easily available. These ideas will be illustrated using games, where the Pythagorean Theorem is the basis of collision detection, and the equations of motion are the basis of realistic behavior. This course will build upon concepts from Algebra I. <b>Locations Offered:</b> C <sup>3</sup>
<b>Intro. to Engineering</b> 1 Credit	<b>Introduction to Engineering</b> *DE course	<b>Prerequisite:</b> No minimum ACT score (LSU Engineering Elective course only) <b>DE Value:</b> 3 credit hours <b>LSU Course Name:</b> ENG EL <b>Universal Course Name:</b> None, LSU Engineering Elective course, only <b>Course Description:</b> *Does not replace Physical Science. This course will expose students to the design process, research and analysis, teamwork, communication methods, ethical decision-making, engineering standards, and technical documentation. Students have the opportunity to develop these skills through project-based learning and to continually hone their interpersonal skills, creative abilities and understanding of the design process. In addition to hands-on activities from each of the 11 majors engineering disciplines, students will interact with industry professionals through guest presentations. <b>Locations Offered:</b> C <sup>3</sup>
<b>Jag I, II, III, or IV</b> 1 credit	<b>Jag I, II, III, or IV</b>	<b>Prerequisites:</b> None <b>Course Description:</b> This course provides an educational setting that promotes academic and skills attainment, civic responsibility, leadership development and social awareness that is necessary to become a responsible citizen and productive worker. Students participate in community projects and several trips to learn about workforce opportunities in St. James Parish. <b>IBC Requirements:</b> None <b>Location Offered:</b> C <sup>3</sup>
<b>NCCER Electrical I</b> 1 credits	<b>NCCER Electrical I</b>	<b>Prerequisite:</b> NCCER Core Certification <b>Course Description:</b> This course outlines a set of best practices for students interested in a career in the electrical field. Students will learn basic safety, electrical theory, tool use, and electrical skills building the foundation to pursue a career in the electrical industry. Hands-on lab work included. <b>IBC Requirements:</b> NCCER Electrical Level I <b>Locations Offered:</b> C <sup>3</sup> <b>Note:</b> Lab fee required. Electrical I and II must be taken in the same school year (fall and spring).

<b>NCCER Electrical II</b> 2 credits	<b>NCCER Electrical II</b>	<b>Prerequisite:</b> NCCER Electrical I <b>Course Description:</b> This course builds on Level 1 knowledge and skills including topics like alternating current, grounding and bonding, circuit breakers and fuses, electric lighting. Hands-on lab work included. Students will be working toward a Level II NCCER Electrical certification <b>IBC Requirements:</b> NCCER Electrical Level II <b>Locations Offered:</b> C <sup>3</sup> <b>Note:</b> Lab fee required. Electrical I and II must be taken in the same school year (fall and spring).
<b>NCCER Pipefitting I</b> 1 credit	<b>NCCER Pipefitting I</b>	<b>Prerequisite:</b> NCCER Core Certification <b>Course Description:</b> Students develop skills and earn higher NCCER credentials needed in industrial, construction and agricultural mechanics-related careers. Units include advanced safety, welding, metal fabrication, pipefitting, mechanics, electricity, millwright and machinist work. Lab fee required. <b>IBC Requirements:</b> NCCER Pipefitting Level I <b>Locations Offered:</b> C <sup>3</sup> <b>Note:</b> Lab fee required. Pipefitting I and II must be taken in the same school year (fall and spring).
<b>NCCER Pipefitting II</b> 2 credits	<b>NCCER Pipefitting II</b>	<b>Prerequisite:</b> NCCER Pipefitting Level I <b>Course Description:</b> Students develop skills and earn higher NCCER credentials needed in industrial, construction and agricultural mechanics-related careers. Units include advanced safety, welding, metal fabrication, pipefitting, mechanics, electricity, millwright and machinist work. Lab fee required. <b>IBC Requirements:</b> NCCER Pipefitting Level II <b>Locations Offered:</b> C <sup>3</sup> <b>Note:</b> Lab fee required. Pipefitting I and II must be taken in the same school year (fall and spring).
<b>NCCER Welding I</b> 1 credit	<b>NCCER Welding I</b>	<b>Prerequisite:</b> Beginning with 21-22 SY Freshman and Sophomore: NCCER Core Certification and NCCER Pipefitting I & II Certification 21-22 SY Juniors and Seniors: NCCER Core Certification <b>Course Description:</b> Students develop skills and earn higher NCCER credentials needed in industrial, construction and agricultural mechanics-related careers. Units include advanced safety, welding, metal fabrication, pipefitting, mechanics, electricity, millwright and machinist work. Lab fee required. <b>IBC Requirements:</b> NCCER Pipefitting Level I <b>Locations Offered:</b> C <sup>3</sup> <b>Note:</b> Lab fee required.
<b>NCCER Welding II</b> 1 credit each	<b>NCCER Welding II</b>	<b>Prerequisite:</b> Welding I <b>Course Description:</b> Students continue to develop skills and earn higher NCCER credentials needed in industrial, construction and agricultural mechanics-related careers. Units include advanced safety, welding, metal fabrication, pipefitting, mechanics, electricity, millwright and machinist work. Lab fee required. <b>IBC Requirements:</b> NCCER Welding Level II <b>Locations Offered:</b> C <sup>3</sup> <b>Note:</b> Lab fee required.
<b>NCCER Welding III</b> 1 credit each	<b>NCCER Welding III</b>	<b>Prerequisite:</b> Welding II <b>Course Description:</b> This course allows seniors to develop advanced skills needed in local industry, construction, and agricultural mechanics-related careers. Units include safety, shielded metal arc welding-groove welds, plate and pipe joint fit-up and alignment, gas metal arc welding, flux-core arc welding, and gas tungsten arc welding. <b>IBC Requirements:</b> NCCER Welding Level II or III <b>Locations Offered:</b> C <sup>3</sup>
<b>NCCER Welding IV</b> 1 credit each	<b>NCCER Welding IV</b>	<b>Prerequisite:</b> Welding III <b>Course Description:</b> This course allows seniors to develop advanced skills needed in local industry, construction, and agricultural mechanics-related careers. Units include safety, shielded metal arc welding-groove welds, plate and pipe joint fit-up and alignment, gas metal arc welding, flux-core arc welding, and gas tungsten arc welding. <b>IBC Requirements:</b> NCCER Welding Level II, III, or IV <b>Locations Offered:</b> C <sup>3</sup>
<b>NCCER Scaffolding and Painting</b> 2 credits	<b>Scaffolding and Painting</b>	<b>Prerequisites:</b> Junior or Senior classification, NCCER Core credential <b>Course Description:</b> This scaffolding course prepares trainees to perform safely on the job site, with information on tools and equipment they will use in the industry, as well as an introduction to the design, use and construction of stationary, mobile, and suspension scaffolds. <b>Locations Offered:</b> C <sup>3</sup> <b>IBC:</b> Basic Orientation Plus (BOP) and Scaffolding Credential
<b>Personal Finance</b> 1 credit	<b>Personal Finance</b>	<b>Course Description:</b> This course will provide the student with a basic understanding of financial security through the following steps: supersaving, relating with money, cash flow planning, dumping debt, being aware of marketing, the role of insurance, retirement, and real estate and mortgages. <b>Locations Offered:</b> C <sup>3</sup> , virtual

<b>Political Science DE/ CPOL 2013</b> 1 credit	<b>American Government</b> *DE course	<b>Prerequisite:</b> ACT DE Score requirements <b>DE Value:</b> 3 credit hours <b>Nicholls Course Name:</b> POLI 1100 <b>Universal Course Name:</b> CPOL 2013 <b>Course Description:</b> The principles, institutions, processes, and functions of government. Emphasis is on the national government, the development of our constitutional system, and the role of the citizen in the democratic process. <b>Locations Offered:</b> Online DE offering: C <sup>3</sup>
<b>Pre-Internship</b> <b>1 or 2 credits</b>	<b>Business Design Pre-Internship</b>	<b>Prerequisites-:</b> Recommendation of successful completion of Entrepreneurship and/or Personal Finance. For 2022-23 scheduling, seniors who are concurrently in Personal Finance or Accounting are also allowed to schedule this course. <b>Course Description:</b> Students will receive work-based learning with an end goal of hands on-experience and opportunity in a business model (C3 Pizzeria). Pre-Internship courses may or may not include opportunities for payment depending on scope of class. You get a combination of classroom and job experience with possible opportunity for some payment. <b>Note:</b> Potential Business Pathway (University or Jumpstart pathways), class size limited
<b>Process Technology I: 1010</b> 1 Credit PTEC 1010	<b>Introduction to Process Technology</b> *DE course	<b>Prerequisites:</b> Requires administration approval, NCCER Level 2 in JumpStart 2.0 Concentration Area <b>DE Value:</b> 3 credit hours <b>RPCC Course Name:</b> PTech 1010 <b>Course Description:</b> This course is designed to prepare students for post-secondary education and employment in the petrochemical industry. Students receive dual credit from their high school and the River Parishes Community College Campus in pursuit of an Associate Degree. Students must provide their own transportation. <b>Location Offered:</b> RPCC at Reserve campus
<b>Process Technology II: 2030</b>  1 Credits PTEC 2030	<b>Plant Safety, Health and Environment</b> *DE course	<b>Prerequisites:</b> Requires administration approval, NCCER Level 2 in JumpStart 2.0 Concentration area. <b>DE Value:</b> 3credit hours <b>RPCC Course Name:</b> PTech 2030 <b>Course Description:</b> This is a continuation toward the Associate Degree in Process Technology. Students receive dual credit from their high school and the River Parishes Community College Campus in pursuit of an Associate Degree. Students must provide their own transportation. <b>Location Offered:</b> RPCC at Reserve campus
<b>Process Technology III: 1330 and 1331</b> 2 Credits PTEC 1310 and PTEC 1331	<b>Process Instrumentation and Lab</b> *DE course	<b>Prerequisites:</b> Requires administration approval and Process Technology I and II <b>DE Value:</b> 4 credit hours (3 hours lecture and 1 hour lab) <b>RPCC Course Name:</b> PTech 1330 and PTech 1331 lab <b>Course Description:</b> This is a continuation toward the Associate Degree in Process Technology. Students receive dual credit from their high school and the River Parishes Community College Campus in pursuit of an Associate Degree. Students must provide their own transportation. <b>Location Offered:</b> RPCC at Reserve campus
<b>Psychology DE/ CPSYC 2013</b> 1 credit	<b>Introduction to Psychology</b> PSYC 101 DE	<b>Prerequisite:</b> all graduation requirements in Social Studies: successfully completed with a C or better. <b>DE Value:</b> 3 credit hours <b>Nicholls Course Name:</b> Psyc 101 <b>Universal Course Name:</b> CPSYC 2013 <b>Course Description:</b> A broad overview of the field of psychology, designed to expose students to major theories, research methods, and applied areas of psychology. This course could be an accelerated/shortened course, depending on the requests through RPCC. <b>Locations Offered:</b> Online DE offering: C <sup>3</sup>
<b>Robotics</b> 1 credit	<b>Robotics</b>	<b>Prerequisites: none</b> <b>Course Description:</b> Students will use robotics to explore the fundamentals of engineering and programming. The course will consist of project-based learning including principles of engineering, physics, electronics, mechanics, and computer programming using Robot. Students will use VEX components to create robots for competitions and classroom projects. While building the robots, the design process will be emphasized as the robots are tested and their designs are modified to accomplish varying tasks. Second semester projects will have a heavier focus on programming the robot to move autonomously. <b>Locations Offered:</b> C <sup>3</sup>
<b>Sociology DE/ CSOC 2013</b> 1 credit	<b>Introduction to Sociology</b> *DE courses	<b>Prerequisite:</b> all graduation requirements in Social Studies: successfully completed with a C or better and ACT score requirements.. <b>DE Value:</b> 3 credit hours <b>Nicholls Course Name:</b> SOCL 151 <b>Universal Course Name:</b> CSOC 2013 <b>Course Description:</b> As an introduction to the discipline of sociology, this course surveys and provides students with an understanding of human society and social life. It introduces students to the major subject areas of sociology, including the major theoretical perspectives and theorists; logic and techniques of research; social organization, institutions, and inequality; and social change. <b>Testing Requirement:</b> CLEP exam (please see COVID SY adjustments on page 8) <b>Locations Offered:</b> Online DE offering: C <sup>3</sup>



<b>Speech DE/ CCOM 2013</b> 1 credit	<b>Techniques of Speech</b> *DE course	<b>DE Value:</b> 3 credit hours <b>Nicholls Course Name:</b> SPCH 101 <b>Universal Course Name:</b> CCOM 2013 <b>Course Description:</b> Designed to teach students basic public presentation principles and skills. Students complete one speech of introduction, one informative speech, one demonstration speech, one persuasive speech, and one special occasion speech. The ethics of public speaking are also considered. <b>Locations Offered:</b> Online DE offering: C <sup>3</sup>
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## INTERNSHIPS

<b>Internship</b> 1-2 credits <i>(pending internship type)</i>	<b>Business Internship</b>	<b>Prerequisites:</b> Requires administration approval; <b>Course Description:</b> A senior student who wants to gain experience in their diploma pathway, the student will work in an organization. This internship will be tracked by the organization with the hours the student worked and will be reported back to administration to gain course credit. Internships could be internal (SJPSB) or external. Currently, all business interns are internal (SJPSB) <b>Requirements:</b> specific to intern job area <ul style="list-style-type: none"> <li>● <b>Secretary (Business Model)</b> -University Diploma pathway; preferred: Customer Service, Personal Finance or Accounting course (2022-23 Senior waivers apply as we gradually incorporate requirements in this new course progression) <b>(Internship is 2 blocks)</b></li> <li>● <b>Tutor (Business Model)</b> - University Diploma pathway; preferred: DE Math, DE English, and High School Psychology <b>(Internship is 1 block)</b></li> <li>● <b>Accountant (Cafe/Business Model)</b> - University pathway; preferred: Personal Finance, Accounting, DE Math (2022-23 waivers apply as we gradually incorporate requirements in this new course progression) <b>(Internship is 1 block)</b></li> </ul> <b>Location Offered:</b> C <sup>3</sup>
	<b>Health Internship</b>	<i>In progress, future offering</i>
	<b>Manufacturing Internship</b> 2 credits	<b>Prerequisites:</b> Requires administration approval <b>Course Description:</b> A senior student who wants to gain experience in their jumpstart pathway, the student will work in an organization. This internship will be tracked by the organization on the hours the student worked and will be reported back to administration to gain course credit. <b>IBC Requirements:</b> specific to intern job area <b>Manufacturing Craft Internships</b> <b>Prerequisites:-</b> Successful completion of Core; Successful completion of any craft area I and II (IE: Electrical, Pipe, Weld); Senior Classification <ul style="list-style-type: none"> <li>● For 2022-23 scheduling, seniors with successful completion of NCCER Core can enroll (seats limited); can have concurrent enrollment in any other craft area upon approval</li> </ul> <b>Course Description:</b> Students will receive work-based learning with an end goal of hands on-experience and opportunity in multiple crafts by year's end.  <b>Fall Semester</b> - Scaffolding/Painting Training and Assessment while participating in small "job" experiences. Some opportunities for payment, but mostly Scaffolding and Painting in the Fall <b>Spring Semester</b> - Internship Placements - <ul style="list-style-type: none"> <li>● internal (Class)) or external (outside industry) interns are based on need and availability.</li> <li>● External intern needs are industry based and driven; therefore, differ from year to year.. Students experiencing success in semester one (Fall) have opportunities to "apply" for external interns from this class. External interns require commitment beyond the regular school day (not spring sport friendly).</li> <li>● Internal (class) interns remain in the class for the Spring Semester and are supervised in "maintenance" type jobs during the class period and are "paid".</li> <li>● External interns are interviewed and chosen by outside industry partners. The report as employees for the Spring Semester to that industry and are paid accordingly. Time varies, but goes beyond the school day.</li> <li>● Random Drug Testing applies. Students must pass to remain eligible for payment in any internal internship and must pass in order to qualify for external employment.</li> </ul> <p>This class is a year long, double-blocked course commitment. In the fall it involves a classroom with work experience. In the spring, it involves work based experience only. If a random drug test is failed in the Fall, students may be removed in the spring and placed in regular elective courses as a replacement.</p>

## High School Courses - Offered in Middle School

\*This is for middle school students, only.

### Course Descriptions

The following courses are possible offerings for the upcoming school year. Each school reserves the right to delete a course from the schedule if there are not enough requests to create a class. Students should choose alternates they are willing to take in case their first-choice courses cannot be offered. These are high school courses offered to middle school students, only.

High School Course Name Carnegie credit value	Long Course Name	Prerequisite Course Description Leap 2025 requirement Campus locations offered
<b>Algebra I</b> 1 credit	<b>Algebra I</b>	<b>Prerequisite:</b> none <b>Course Description:</b> Students will be able to perform operations with real numbers and algebraic expressions, identify the solution set of linear and quadratic equations and inequalities, perform operations with polynomials, solve word problems, graph linear equations in two variables, and solve systems of equations. <b>Test Requirements:</b> Leap 2025 <b>Locations Offered:</b> LHS, SJHS, Virtual <b>*This class is offered to 8th grade students who qualify for early progression.</b> <b><a href="#">*See flowchart</a></b>
<b>Computer Technology Literacy</b> 1 credit	<b>Computer Technology Literacy</b>	<b>Prerequisite:</b> none <b>Course Description:</b> TStudents will be able to perform and have the ability to effectively use technology to access, evaluate, create and communicate information to enhance the learning process through problem-solving and critical thinking. <b>Test Requirements:</b> none <b>Locations Offered:</b> LHS, SJHS, Virtual
<b>Quest</b> 1 credit	<b>Quest for Success</b>	<b>Prerequisite:</b> <b>Course Description:</b> This course is designed to help students progress from knowing and being aware of themselves and themselves in relation to others, to leading responsibly, and leveraging these skills in identifying personal and career goals and planning for the future. Informed by business and industry and other experts, the curriculum includes a variety of industry-aligned performance tasks that simulate the real world of work and support the development of a variety of in-demand, cross-sector, employability skills (e.g., collaboration, resource management, communication). Additionally, students will learn about high-growth, industry sectors (e.g., information technology, health care, advanced manufacturing) and related career pathways, apply a variety of technology skills, and be asked to continuously reflect on their learning <b>Test Requirements:</b> none <b>Locations Offered:</b> LHS, SJHS, Virtual

## **Promotion for 9th graders and above:**

Effective August 1, 2019, the following guidelines will be implemented for 2019-20 school year:

- Students are promoted to 10th grade status upon successful completion of 6 credits inclusive of either English I or Algebra I.
- Students are promoted to 11th grade status upon completion of 12 credits inclusive of 4 core courses, including English I and Algebra I.
- Students are promoted to 12th grade status upon completion of 18 credits and pass 1 Leap 2025 exam.
- student designation will be determined August 1 of each school year based on credits earned during the previous school year.

Credit recovery and Leap 2025 remediation for high school is offered in the month of June. Leap 2025 remediation is free. Credit recovery is an option at a cost. Students have the option to repeat the high school course at no cost. There is ample opportunity within a 4-block schedule. Therefore, credit recovery in the summer is a choice with a cost (see summer guidelines).

- Students who pass a Leap 2025 but fail the course will have an option to take an accelerated credit recovery virtual course (see virtual school policy) at no cost.

## **Early Graduation (Beginning 2018-19; PPP approval summer 2018):**

It is our firm belief that students should plan to spend four full years in high school.

Early graduation is defined as completion after the first semester of the fourth year (December Graduate). All December graduate candidates must:

- 1) Submit proper documentation to the counselor and administration by July 31 of that year (see early graduation form).
- 2) Complete exit interview with administration, counselor and parent(s) once criteria has been met, but no later than Oct 1 of that year.

December graduates may choose to participate in May graduation commencement ceremonies.

Intent to participate in ceremonies must be stated in the exit interview process.

## **Internships**

Paid/unpaid, credited/un-credited, can be requested by the site-based administrator, but must have approval of the home-based high school principals. Internships at the home-based sites (LHS and SJH) are at the discretion of the high school principal. Any internship is subject to Internship Guidelines (see Internship Packet).

## Graduation Awards

### Beginning with freshmen entering 2018-19

**Graduates are recognized at graduation, according to the following criteria:** *(revised April 2022, separation of Honor Cord and Cum Laude recognition)*

- 4.0 and above: *Summa Cum Laude*
- 3.75 – 3.999: *Magna Cum Laude*
- 3.50 – 3.749: *Cum Laude*

**Graduates are further recognized with Honor Cords, according to the following criteria:**

- 3.2 GPA *and*
- 12 hours of Dual Enrollment credit (5 quality points), C or better \*CLEP passing score of 50 can substitute for DE credit see note above)
- Successfully meet TOPS criteria *and*
- 21 ACT (*ACT follows gradual increase model as state increases proficiency standards to 23*)

### Beginning with freshmen entering 2019-20

**Graduates are recognized at graduation, according to the following criteria:** *(revised April 2022, separation of Honor Cord and Cum Laude recognition)*

- 4.0 and above: *Summa Cum Laude*
- 3.75 – 3.999: *Magna Cum Laude*
- 3.50 – 3.749: *Cum Laude*

**Graduates are further recognized with Honor Cords, according to the following criteria:**

- Meet graduation diploma requirements *and*
- 3.2 GPA *and*
- Successfully meet TOPS criteria *and*
- 22 ACT and /or WorkKeys equivalent (Gold) (*ACT follows gradual increase model as state increases proficiency standards to 23*)

#### **CLEP Nationally Recognized Exam Graduation Award:**

Is awarded to students who pass 1 CLEP exam with a passing score of 50 are recognized.

#### **System Academic Excellence Medal:**

is awarded to an honor graduate with a minimum of 4.0 GPA and 30 dual enrollment credits.  
\*Please note: A minimum of 21 Dual Enrollment credit hours can be taken to work towards honor award DE credit. A passing CLEP exam can add to the credit hours working towards a graduate award, if they are outside of the dual enrollment courses used for credit tally.

#### **Superintendent's University Medal of Honor:**

is awarded to an honor graduate with an ACT score of 30 or above.

#### **State STEM Diploma Silver Seal :**

STEM Diploma Silver Seal is distributed to students who successfully complete the four required courses from the additional LSU pathway courses.

#### **State STEM Diploma Gold Seal :**

STEM Diploma Gold Seal is distributed to students who successfully complete the four required courses *and* four courses from the additional LSU pathway courses.

#### **Technical Excellence Award:**

is awarded to a student that has earned an Advanced Industry- Based Credential (IBC).

#### **Superintendent's Technical Medal of Honor:**

is awarded to a JumpStart designated student with WorkKeys score of Platinum that has also earned a TOPS Tech GPA of 3.2.

**1.0 Business Management Pathway**

## Information on Pathway

### Careers related to this pathway:

#### **5 Star**

- Sales Managers, Administrative Services, Supervisor of Office Workers, Financial managers

#### **4 Star**

- First-line Supervisor of Retail Workers, Store Managers, Customer Service Representative, Office Supervisor

#### **3 Star**

- Assistant Store Managers, Management Analyst

A student shall complete a regionally-designed, district-implemented series of JumpStart coursework and workplace-based learning experiences leading to a statewide or regional JumpStart credential. These pathways include courses and workplace experiences specific to the credential, foundational career skills requirements, and other courses that the regional team determines are appropriate for the career pathway.

### Industry-Based Certifications:

(Student must have a Level 1, 2 or 3 in order to graduate)

#### **Level 1 - Regional**

- Customer Service (course is Advance Career Awareness) or Micro-Enterprises (course is Entrepreneurship) and two from the following:
  - CPR (course is Allied Health or Sports Med)
  - Microsoft Word (course is IBCA),
  - PowerPoint (course is BCA),
  - Silver Workkeys

#### **Level 2 - Basic**

- No available

#### **Level 3 - Advanced**

- Not available

## TOPS Tech\*\* Career Diploma

### **English - 4 Units**

- English I, II,
- 2 units from: English III, IV, Technical Writing, Business English

### **Math - 4 Units**

- Algebra
- 3 units from: Geometry, Math Essentials, Financial Literacy, Business Math, Algebra II, Algebra III, Advanced Math

### **Science - 2 Units**

- Biology
- 1 unit from: Physical Science, Chemistry, Environmental Science, Earth Science, Agriscience I & II

### **Social Studies - 2 Units**

- U.S. History
- Civics

### **Health - 1/2 Unit**

- Health or JROTC I and II may be used to meet the Health Education requirement

### **Physical Education - 1 1/2 Units**

- Physical Education I and Physical Education II or JROTC I counts toward 1 credit.

### **JumpStart - 9 Units (choose 9 courses from the following – One of the 9 must be Quest for Success /Journey to Careers or Advanced Career Awareness**

- Keyboarding/Computer Tech Lit
- Journey to Careers/(Quest for Success)
- JAG I – IV
- Accounting
- ROTC III – IV
- Speech
- Advanced Career Awareness (Cust Service)
- IBCA (Microsoft Word)
- BCA (PowerPoint)
- Entrepreneurship (Micro-Enterprise)
- Digital Media
- Medical Terminology
- Baking & Pastry I, II (2 credits each)
- Cosmetology I – IV (2 credits each)
- Agriscience I
- NCCER Core
- Career Success Media
- Geometry, Financial Literacy and Business Math (1 credit each) (if not used for Math)
- Personal Finance
- Principle of Business

## Information on Pathway

### Careers related to this pathway:

#### **5 Star**

- General & Operation Managers in Food Service, Market Managers

#### **4 Star**

- Chefs & Head Cooks, Dietitians & Nutritionists, Food Service Managers

#### **3 Star**

- Food Science Technicians, First-line Supervisors of Food Preparation & Serving Workers, Food Scientists & Technologists

### Industry-Based Certifications:

(Student must have a Level 1, 2 or 3 in order to graduate)

#### **Level 1 - Regional**

- Customer Service (course is Advance Career Awareness) or Micro-Enterprises (course is Entrepreneurship) or ServSafe Manager (Prostart I&II)  
and two from the following:
  - CPR (course is Allied Health or Sports Med)
  - Microsoft Word (course is IBCA),
  - PowerPoint (course is BCA),
  - Silver Workkeys
  - Micro-Enterprises (course is Entrepreneurship – if not use as the core credential)
  - ServSafe Food Handler (Baking & Pastry)

#### **Level 2 – Basic**

- ProStart Certificate of Achievement and ServSafe Manager

#### **Level 3 – Advanced**

- Not available

## TOPS Tech\*\* Career Diploma

### **English - 4 Units**

- English I, II,
- 2 units from: English III, IV, Technical Writing, Business English

### **Math - 4 Units**

- Algebra
- 3 units from: Geometry, Math Essentials, Financial Literacy, Business Math, Algebra II, Algebra III, Advanced Math

### **Science - 2 Units**

- Biology
- 1 unit from: Physical Science, Chemistry, Environmental Science, Earth Science, Agriscience I &II

### **Social Studies - 2 Units**

- U.S. History
- Civics

### **Health - 1/2 Unit**

- Health or JROTC I and II may be used to meet the Health Education requirement

### **Physical Education - 1 1/2 Units**

- Physical Education I and Physical Education II or JROTC I counts toward 1 credit.

### **JumpStart - 9 Units (choose 9 courses from the following – One of the 9 must be Quest for Success /Journey to Careers or Advanced Career Awareness**

- Keyboarding/Computer Tech Lit
- Journey to Careers/(Quest for Success)
- JAG I – IV
- Accounting
- ROTC III – IV
- Speech
- Spanish I
- Advanced Career Awareness (Cust Service)
- IBCA (Microsoft Word)
- BCA (PowerPoint)
- Entrepreneurship (Micro-Enterprise)
- Digital Media
- Agriscience I
- Baking & Pastry I & II (ServeSafe Food Handler)
- ProStart I & II (ServSafe Manager)
- Food & Nutrition
- Geometry (if not used as a Math)
- Chemistry (if not used as a Science)
- Personal Finance
- Principle of Business

## Information on Pathway

### Careers related to this pathway:

#### **5 Star**

- First-line Supervisors of Helpers, Laborers & Material Movers, Supervisor of Construction & Extraction Workers

#### **4 Star**

- Carpenters

#### **3 Star**

- Cabinet makers, Bench Carpenters, Drywall & Ceiling Tile Installers

#### **2 Star**

- Construction Laborers, Carpenter's Helper

### Industry-Based Certifications:

(Student must have a Level 1, 2 or 3 in order to graduate)

#### **Level 1 - Regional**

- NCCER CORE and Partial NCCER Level I and two from the following:
  - CPR (course is Allied Health or Sports Med)
  - Microsoft Word (course is IBCA),
  - PowerPoint (course is BCA),
  - Silver Workkeys
  - Micro-Enterprises (course is Entrepreneurship)
  - Customer Service (course is Advanced Career Awareness)

#### **Level 2 - Basic**

- NCCER Level I (course is Agriscience II or Welding I)

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#### **Level 3 - Advanced**

- NCCER Level II (course is Agriscience III or Welding II)

## TOPS Tech\*\* Career Diploma

### **English - 4 Units**

- English I, II,
- 2 units from: English III, IV, Technical Writing, Business English

### **Math - 4 Units**

- Algebra
- 3 units from: Geometry, Math Essentials, Financial Literacy, Business Math, Algebra II, Algebra III, Advanced Math

### **Science - 2 Units**

- Biology
- 1 unit from: Physical Science, Chemistry, Environmental Science, Earth Science, Agriscience I & II

### **Social Studies - 2 Units**

- U.S. History
- Civics

### **Health - 1/2 Unit**

- Health or JROTC I and II may be used to meet the Health Education requirement

### **Physical Education - 1 1/2 Units**

- Physical Education I and Physical Education II or JROTC I counts toward 1 credit.

### **JumpStart - 9 Units (choose 9 courses from the following – One of the 9 must be Quest for Success /Journey to Careers or Advanced Career Awareness**

- NCCER Carpentry I, II, III, IV
- NCCER Core
- Keyboarding/Computer Tech Lit
- Journey to Careers/(Quest for Success)
- JAG I – IV
- Accounting
- ROTC III – IV
- Speech
- Agriscience I, II, III, IV
- Advanced Career Awareness (Customer Service)
- IBCA (Microsoft Word)
- BCA (PowerPoint)
- Entrepreneurship (Micro-Enterprise)
- Environmental Science (if not used as a science)
- Chemistry (if not used as a science)
- Financial Lit. and Bus.(if not used as a math)
- Technical Writing (if not used as a English)
- Geometry (if not used as a math)
- Personal Finance
- Principle of Business



## Information on Pathway

### Careers related to this pathway:

#### 5 Star

- Salon Owner

#### 4 Star

- Assistant Manager for Salon

#### 3 Star

- Hairdresser, Hairstylist

### Industry-Based Certifications:

(Student must have a Level 1, 2 or 3 in order to graduate)

#### Level 1 - Regional

- Micro-Enterprises (course is Entrepreneurship) and two from the following:
  - CPR (course is Allied Health or Sports Med)
  - Microsoft Word (course is IBCA),
  - PowerPoint (course is BCA),
  - Silver Workkeys
  - Customer Service (course is Advanced Career Awareness)
  - 300 Cosmetology hours

#### Level 2 - Basic

- No available

#### Level 3 - Advanced

- Not available

## TOPS Tech\*\* Career Diploma

### English - 4 Units

- English I, II,
- 2 units from: English III, IV, Technical Writing, Business English

### Math - 4 Units

- Algebra
- 3 units from: Geometry, Math Essentials, Financial Literacy, Business Math, Algebra II, Algebra III, Advanced Math

### Science - 2 Units

- Biology
- 1 unit from: Physical Science, Chemistry, Environmental Science, Earth Science, Agriscience I & II

### Social Studies - 2 Units

- U.S. History
- Civics

### Health - 1/2 Unit

- Health or JROTC I and II may be used to meet the Health Education requirement

### Physical Education - 1 1/2 Units

- Physical Education I and Physical Education II or JROTC I counts toward 1 credit.

### JumpStart - 9 Units (choose 9 courses from the following – One of the 9 must be Quest for Success

#### /Journey to Careers or Advanced Career Awareness

- Cosmetology I – IV (2 Credits each)
- Agriscience I
- Keyboarding/Computer Tech Lit
- Journey to Careers/(Quest for Success)
- JAG I – IV
- Accounting
- ROTC III – IV
- Speech
- Advanced Career Awareness (Customer Service)
- IBCA (Microsoft Word)
- BCA (PowerPoint)
- Entrepreneurship (Micro-Enterprise)
- Digital Media
- Medical Terminology
- Baking & Pastry I – II
- NCCER Core
- Bus. English and Tech Writing (if not used a English)
- Business Math and Geometry (if not used as a Math)
- Principle of Business
- Personal Finance

## Information on Pathway

### Careers related to this pathway:

#### 5 Star

- Medical and Health Service Managers, Licensed Practical Nurse, Registered Nurse,

#### 4 Star

- Emergency Medical Technicians & Paramedics,

#### 3 Star

- Emergency Management Directors, Medical Records & Health Info Technicians and Medical Transcriptionist

#### 2 Star

- Ambulance Drivers & Attendants, Medical Secretaries, Home Health Aides and Nursing Aids

A student shall complete a regionally-designed, district-implemented series of JumpStart coursework and workplace-based learning experiences leading to a statewide or regional JumpStart credential. These pathways include courses and workplace experiences specific to the credential, foundational career skills requirements, and other courses that the regional team determines are appropriate for the career pathway.

### Industry-Based Certifications:

(Student must have a Level 1, 2 or 3 in order to graduate)

#### Level 1 - Regional

- Micro-Enterprise (course is Entrepreneurship) and two from the following:
  - CPR (course is Allied Health or Sports Med)
  - Microsoft Word (course is IBCA),
  - PowerPoint (course is BCA),
  - Silver Workkeys
  - Customer Service (course is Advanced Career Awareness)

#### Level 2 - Basic

- Patient Care Technician IBC (course is Patient Care Technician)

#### Level 3 - Advanced

- Not available

## TOPS Tech\*\* Career Diploma

### English - 4 Units

- English I, II,
- 2 units from: English III, IV, Technical Writing, Business English

### Math - 4 Units

- Algebra
- 3 units from: Geometry, Math Essentials, Financial Literacy, Business Math, Algebra II, Algebra III, Advanced Math

### Science - 2 Units

- Biology
- 1 unit from: Physical Science, Chemistry, Environmental Science, Earth Science, Agriscience I & II

### Social Studies - 2 Units

- U.S. History
- Civics

### Health - 1/2 Unit

- Health or JROTC I and II may be used to meet the Health Education requirement

### Physical Education - 1 1/2 Units

- Physical Education I and Physical Education II or JROTC I counts toward 1 credit.

### JumpStart - 9 Units (choose 9 courses from the following – One of the 9 must be Quest for Success /Journey to Careers or Advanced Career Awareness

- Allied Health I (CPR)
- Medical Terminology
- Patient Care Tech (2 credits)
- Forensic Science
- Sports Medicine I & II, III(CPR)
- Keyboarding/Computer Tech Lit
- Journey to Careers/(Quest for Success)
- JAG I – IV
- Accounting
- ROTC III – IV
- Speech
- Foods & Nutrition
- Psychology
- Agriscience I
- Adv. Career Awareness (Customer Service)
- IBCA (Microsoft Word)
- BCA (PowerPoint)
- Entrepreneurship (Micro-Enterprise)
- Tech.Writing (if not used as a English)
- Environ Science (if not used as a Science)
- Chemistry (if not used as a Science)
- Geometry and Bus. Math (if not used as a Math)
- Principle of Business
- Personal Finance

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## 1.0 Public Service Pathway

## Information on Pathway

### Careers related to this pathway:

#### **5 Star**

- Lawyer

#### **4 Star**

- Correctional Officer, First-line Supervisor of Correctional Officers, Supervisor of Police and Detectives, Police Officer, Dispatcher

#### **3 Star**

- Court Clerk, Municipal Clerk

A student shall complete a regionally-designed, district-implemented series of JumpStart coursework and workplace-based learning experiences leading to a statewide or regional JumpStart credential. These pathways include courses and workplace experiences specific to the credential, foundational career skills requirements, and other courses that the regional team determines are appropriate for the career pathway.

### Industry-Based Certifications:

(Student must have a Level 1, 2 or 3 in order to graduate)

#### **Level 1 - Regional**

- FEMA National Incident Management System (course is online)  
and two from the following:
  - CPR (course is Allied Health or Sports Med)
  - Microsoft Word (course is IBCA),
  - PowerPoint (course is BCA),
  - Silver Workkeys
  - Customer Service (course is Advanced Career Awareness)
  - Micro-Enterprises (course is Entrepreneurship)

#### **Level 2 - Basic**

- No available

#### **Level 3 - Advanced**

- Not available

## TOPS Tech\*\* Career Diploma

### **English - 4 Units**

- English I, II,
- 2 units from: English III, IV, Technical Writing, Business English

### **Math - 4 Units**

- Algebra
- 3 units from: Geometry, Math Essentials, Financial Literacy, Business Math, Algebra II, Algebra III, Advanced Math

### **Science - 2 Units**

- Biology
- 1 unit from: Physical Science, Chemistry, Environmental Science, Earth Science, Agriscience I & II

### **Social Studies - 2 Units**

- U.S. History
- Civics

### **Health - 1/2 Unit**

- Health or JROTC I and II may be used to meet the Health Education requirement

### **Physical Education - 1 1/2 Units**

- Physical Education I and Physical Education II or JROTC I counts toward 1 credit.

### **JumpStart - 9 Units (choose 9 courses from the following – One of the 9 must be Quest for Success /Journey to Careers or Advanced Career Awareness**

- Allied Health I (CPR)
- Medical Terminology
- Patient Care Tech
- Sports Medicine I & II (CPR)
- Sports Medicine III
- Keyboarding/Computer Tech Lit
- Journey to Careers/(Quest for Success)
- JAG I – IV
- Accounting
- ROTC III – IV
- Speech
- Spanish I
- Psychology
- Advanced Career Awareness (Customer Service)
- IBCA (Microsoft Word)
- BCA (PowerPoint)
- Entrepreneurship (Micro-Enterprise)
- Chemistry (if not used as a Science)
- Geometry (if not used as a Math)
- Principle of Business
- Personal Finance

## 1.0 Manufacturing, Construction Crafts, and Logistics: Process Technology Pathway

### Information on Pathway

### TOPS Tech\*\* Career Diploma

#### Careers related to this pathway:

##### 5 Star

- Service Unit Operator

##### 4 Star

- Industrial Engineering Technicians, Petroleum Pump System Operators, Refinery Operators, Chemical Plant and System Operators

#### Industry-Based Certifications:

(Student must have a Level 1, 2 or 3 in order to graduate)

#### Level 1 - Regional

- Process Tech I and II and two from the following:
  - CPR (course is Allied Health or Sports Med)
  - Microsoft Word (course is IBCA),
  - PowerPoint (course is BCA),
  - Silver Workkeys
  - Micro-Enterprises (course is Entrepreneurship)
  - Customer Service (course is Advanced Career Awareness)
  - NCCER Core

#### Level 2 - Basic

- NCCER Level I (course is Agriscience II or Welding I)

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#### Level 3 - Advanced

- NCCER Level IU (course is Agriscience II or Welding I)

#### English - 4 Units

- English I, II,
- 2 units from: English III, IV, Technical Writing, Business English

#### Math - 4 Units

- Algebra
- 3 units from: Geometry, Math Essentials, Financial Literacy, Business Math, Algebra II, Algebra III, Advanced Math

#### Science - 2 Units

- Biology
- 1 unit from: Physical Science, Chemistry, Environmental Science, Earth Science, Agriscience I & II

#### Social Studies - 2 Units

- U.S. History
- Civics

#### Health - 1/2 Unit

- Health or JROTC I and II may be used to meet the Health Education requirement

#### Physical Education - 1 1/2 Units

- Physical Education I and Physical Education II or JROTC I counts toward 1 credit.

#### JumpStart - 9 Units (choose 9 courses from the following – One of the 9 must be Quest for Success /Journey to Careers or Advanced Career Awareness

- Process Technology I-II
- NCCER Pipefitting I-II
- NCCER Welding I-IV
- NCCER Core
- Keyboarding/Computer Tech Lit
- Journey to Careers/(Quest for Success)
- JAG I – IV
- Accounting
- ROTC III – IV
- Speech
- Agriscience I
- Advanced Career Awareness (Customer Service)
- IBCA (Microsoft Word)
- BCA (PowerPoint)
- Entrepreneurship (Micro-Enterprise)
- Principle of Business
- Personal Finance

## Information on Pathway

### Careers related to this pathway:

#### 5 Star

- Welders, Cutters, Solderers, Brazers, Pipefitters, Steamfitters, Industrial Machine Mechanics

#### 4 Star

- Boilermakers, Maintenance & Repair Workers, Sheet Metal Workers, Structural Metal Fabricators & Fitters

### Industry-Based Certifications:

(Student must have a Level 1, 2 or 3 in order to graduate)

#### Level 1 - Regional

- NCCER CORE and Partial NCCER Level I and two from the following:
  - CPR (course is Allied Health or Sports Med)
  - Microsoft Word (course is IBCA),
  - PowerPoint (course is BCA),
  - Silver Workkeys
  - Micro-Enterprises (course is Entrepreneurship)
  - Customer Service (course is Advanced Career Awareness)

#### Level 2 - Basic

- NCCER Level I (course is Agriscience II or Welding I)

#### Level 3 - Advanced

- NCCER Level II (course is Agriscience III or Welding II)

## TOPS Tech\*\* Career Diploma

### English - 4 Units

- English I, II,
- 2 units from: English III, IV, Technical Writing, Business English

### Math - 4 Units

- Algebra
- 3 units from: Geometry, Math Essentials, Financial Literacy, Business Math, Algebra II, Algebra III, Advanced Math

### Science - 2 Units

- Biology
- 1 unit from: Physical Science, Chemistry, Environmental Science, Earth Science, Agriscience I & II

### Social Studies - 2 Units

- U.S. History
- Civics

### Health - 1/2 Unit

- Health or JROTC I and II may be used to meet the Health Education requirement

### Physical Education - 1 1/2 Units

- Physical Education I and Physical Education II or JROTC I counts toward 1 credit.

### JumpStart - 9 Units (choose 9 courses from the following - One of the 9 must be Quest for Success /Journey to Careers or Advanced Career Awareness

- NCCER Carpentry/Core
- NCCER Pipefitting I - IV
- NCCER Welding I - IV
- NCCER Millwright
- Keyboarding/Computer Tech Lit
- Journey to Careers/Quest for Success
- JAG I – IV
- Accounting
- ROTC III – IV
- Speech
- Agriscience I
- Adv. Career Awareness (Customer Service)
- IBCA (Microsoft Word)
- BCA (PowerPoint)
- Entrepreneurship (Micro-Enterprise)
- NCCER Industrial Maintenance
- Chemistry and Env. Science (if not used as a Science)
- Financial Lit and Bus. Math (if not used as a Math)
- Technical Writing (if not used as a English)
- Principle of Business
- Personal Finance

## 2.0 Health Sciences JumpStart Pathway

### Pathway Information

The Health Science Jump Start 2.0 Pathway prepares students to recognize, assess, diagnose, treat, and manage patient and medical needs in pre-hospital, disaster, hospital, medical office, and/or home health care settings. Students in this pathway study basic, intermediate, and advanced EMT procedures; emergency surgical procedures; medical triage; rescue operations; crisis scene management and personnel supervision; equipment operation and maintenance; patient stabilization, monitoring, and care; drug administration; identification and preliminary diagnosis of diseases and injuries; communication and computer operations; basic anatomy, physiology, pathology, and toxicology; professional standards and regulations. This pathway also equips students to have careers in allied health services that are preemptive and centered on wellness.

### College and Career Connections: Occupations

High School to Career	Community/Technical College to Career	University to Career
Emergency Medical Technician Dental Assistant Pharmacy Aid Nurse Assistant Medical Assistant	Paramedic Dental Technician Pharmacy Technician Licensed Practical Nurse Medical Records and Health Info Technician	Pre-Medical Degrees Dentist Clinical Pharmacists Registered Nurse Medical Doctor

### Capstone Credentials: Industrial Based Credentials

In order to graduate, St. James Parish Jump Start students on the Health Sciences 2.0 Pathway must earn **at least one** credential from the options below.

- Emergency Medical Responder (*Basic*)
- Emergency Medical Technician (*Advanced*)

### TOPS Tech JumpStart Recommended Health Sciences Pathway Progression

	Course Location			Course Location	
	Main Campus	C3		Main Campus	C3
9th grade	English I		11th grade	Business ELA	Allied Health II (with EMR)
	Math Essentials			Financial Lit	Agriscience I
	Civics			US History	
	Physical Science			Open	
	PE/Health			Sports Med I/II	
	IBCA			open	
	Media Art or Career Success				
	Algebra I				
10th grade	English II	Allied Health I	12th grade	Technical Writing	EMT (replaces Patient Care Tech) - 2 credits ( <i>spring only</i> )
	Business Math	Entrep.		Sports Med III	
	Biology			open	
	Child Development/Adv.			open	
	PE			open	
	open			open	

### Alternative courses that apply to this pathway as JumpStart credits:

Food and Nutrition, Advanced Food and Nutrition, Biology 114 and 115 DE, Child Development, Computer Technology Literacy, Digital Media III, Digital Media IV, Spanish I & II, Psychology, Sports Medicine I, II and III, Principle of Business, Personal Finance

## 2.0 Health Sciences JumpStart Pathway

**Courses checklist needed for graduation:**

✓	<b>English courses - 4 units needed</b>	✓	<b>Math courses - 4 units needed</b>
	English I (mandatory)		Algebra I (mandatory)
	English II (mandatory)		Business Math (optional)
	English III (optional)		Financial Literacy (optional)
	English IV (optional)		Geometry (optional)
	Technical Writing (optional)		Math Essentials (optional)
	Business English (optional)		Algebra II (optional)
			Algebra III DE (optional)
			Advanced Math (optional)
✓	<b>Science courses - 2 units needed</b>	✓	<b>Social Studies courses - 2 units needed</b>
	Biology (mandatory)		U.S. History (mandatory)
	Physical Science (optional)		Civics (mandatory)
	Environmental Science (optional)	✓	<b>Health and PE courses - 2 units needed</b>
	Earth Science (optional)		JROTC I and II <i>or</i>
	Agriscience I & II (optional)		Health and PE <i>and</i>
			PE I
✓	<b>JumpStart courses - 9 units needed</b>		
	Course 1: <u>Quest</u>		Course 2: _____
	Course 3: _____		Course 4: _____
	Course 5: _____		Course 6: _____
	Course 7: _____		Course 8: _____
	Course 9: _____		

## 2.0 Business Management JumpStart Pathway

### Pathway Information

The Business Management and Administration Jump Start 2.0 Pathway focuses on careers that plan, organize, direct, and evaluate all or part of a business organization. Students will learn fiscal responsibility when allocating and using financial, human, and material resources. Pathway coursework equips students to give support needed to make all aspects of a business run, whether training new employees or leading as a top executive. This pathway also encompasses social media use as a marketing strategy to promote and keep businesses relevant.

### College and Career Connections: Occupations

High School to Career	Community/Technical College to Career	University to Career
Administrative Assistant Customer Service Representative Payroll Clerk Digital Layout Designer	Executive Secretaries and Executive Administrative Assistants Human Resource Assistant Business and Office Management Communications Specialist	Management Professional Human Resource Director Business and Office Operations Management Social Media/Market Research Strategist

### Capstone Credentials: Industrial Based Credentials

In order to graduate, St. James Parish Jump Start students on the Business Management 2.0 Pathway must earn ***at least one*** credential from the options below.

- Customer Service and Sales (*Regional*)
- Micro-Enterprise (*Regional*)
- Micro-Enterprise (*Basic*)

### TOPS Tech JumpStart Recommended Business Management Pathway Progression

	Course Location			Course Location	
	Main Campus	C3		Main Campus	C3
9th grade	English I		11th grade	Business English	JAG II
	Math Essentials			Financial Literacy	Entrepreneurship - State
	Civics			US History	
	Physical Science			open elective	
	PE/Health			open elective	
	IBCA			open elective	
	Algebra I				
	Media Arts I				
10th grade	English II	JAG	12th grade	Technical Writing	Personal Finance
	Business Math	Entrepreneurship		BCA	Accounting (CLEP)
	Biology			PE	
	open elective			open elective	
	open elective			open elective	
	open elective			open elective	

### Courses that apply to this pathway as JumpStart credits:

Accounting I, Accounting II, Food and Nutrition/Adv, Agriscience II, Agriscience III, Agriscience IV, Business Computer Applications, Business English (not used for English credit), Business Math (not used for Math credit), CIW Web Foundations, Computer Technology Literacy, Digital Media III, Digital Media IV, Entrepreneurship II, Spanish I and II, Introduction to Computational Thinking, Keyboarding, Media Arts I-IV, Publications I - II



## 2.0 Business Management JumpStart Pathway

### Courses checklist needed for graduation:

<b>✓</b>	<b>English courses - 4 units needed</b>	<b>✓</b>	<b>Math courses - 4 units needed</b>
	English I (mandatory)		Algebra I (mandatory)
	English II (mandatory)		Business Math (optional)
	English III (optional)		Financial Literacy (optional)
	English IV (optional)		Geometry (optional)
	Technical Writing (optional)		Math Essentials (optional)
	Business English (optional)		Algebra II (optional)
			Algebra III DE (optional)
			Advanced Math (optional)
<b>✓</b>	<b>Science courses - 2 units needed</b>	<b>✓</b>	<b>Social Studies courses - 2 units needed</b>
	Biology (mandatory)		U.S. History (mandatory)
	Physical Science (optional)		Civics (mandatory)
	Environmental Science (optional)	<b>✓</b>	<b>Health and PE courses - 2 units needed</b>
	Earth Science (optional)		JROTC I and II <i>or</i>
	Agriscience I & II (optional)		Health and PE <i>and</i>
			PE I
<b>✓</b>	<b>JumpStart courses - 9 units needed</b>		
	Course 1: _____ Quest _____		Course 2: _____
	Course 3: _____		Course 4: _____
	Course 5: _____		Course 6: _____
	Course 7: _____		Course 8: _____
	Course 9: _____		

## 2.0 Manufacturing JumpStart Pathway

### Pathway Information

The Manufacturing Jump Start 2.0 Pathway prepares students to work in the process and production fields. Pathway coursework equips students to design, create, assemble, install, and repair electrical and mechanical systems. Students will be able to perform preventative maintenance procedures on machines, tools, and equipment on a routine and regular basis. This pathway also encompasses petrochemical courses where students will learn about the refining and processing of petroleum and/or natural gas. Manufacturing workers will be able to move into advanced manufacturing careers to use innovative technology to improve current products or processes to assist companies in producing their products more efficiently

### College and Career Connections: Occupations

High School to Career	Community/Technical College to Career	University to Career
Entry Level Warehouse Operator Instrument Technician Trainee Electrical Technician Trainee	Mechanical/Piping/Electrical Designer Trainee Instrument Technician Electrical Technician	Chemical Engineer Mechanical Engineer Electrical Engineer

### Capstone Credentials: Industrial Based Credentials

In order to graduate, St. James Parish Jump Start students on the Manufacturing 2.0 Pathway must earn ***at least one*** credential from the options below.

- Micro-Enterprise - statewide credential (*Basic*)
- NCCER Level 1 in Electrical, Pipefitting or Welding (*Basic*)
- NCCER Level 2 in Electrical, Pipefitting or Welding (*Advanced*)
- *NCCER Scaffolding and Painting- Industrial Coating and Lining Application Specialist*

### TOPS Tech JumpStart Recommended Manufacturing Pathway Progression

	Course Location			Course Location	
	Main Campus	C3		Main Campus	C3
9th grade	English I		11th grade	Business English	*if NCCER Level II is reached the prior semester, one of the following options can be taken for the open electives below: - Pipefitting or Electrical (the craft they did not complete in the sophomore year) <b>or</b> - Welding <b>or</b> - NCCER Scaffolding and Painting <b>or</b> - Process Technician (at RPCC)
	Math Essentials			Financial Literacy	
	Civics			US History	
	Physical Science			open elective	
	PE/Health			open elective	
	Media Arts I			open elective	
	Algebra I			open elective	
	Core				
10th grade	English II	Pipefitting I or Electrical I (1 credit)	12th grade	Technical Writing	open (elective or apprenticeship)
	Biology	Entrepreneurship		open elective	open (elective or apprenticeship)
	PE	Pipefitting II (2 credits) or		open elective	open (elective or apprenticeship)
	Business Math	Electrical II (2 credits)		open elective	open (elective or apprenticeship)

### Courses that apply to this pathway as JumpStart credits:

Agriscience II, II, and IV, Apprenticeships, Chemistry (if not used for Science credit), Computer Technology Literacy, Engineering Design and Development, Environmental Science (if not used as Science credit), Spanish I and II, Geometry (if not used as a Math credit), Introduction to Computational Thinking, Introduction to Engineering, NCCER Core, NCCER Electrical I - iV, NCCER Pipefitter I-IV, Physics (if not used as a science credit), Process Technician I - III, Robotics

## 2.0 Manufacturing JumpStart Pathway

### Courses checklist needed for graduation:

<b>✓</b>	<b>English courses - 4 units needed</b>	<b>✓</b>	<b>Math courses - 4 units needed</b>
	English I (mandatory)		Algebra I (mandatory)
	English II (mandatory)		Business Math (optional)
	English III (optional)		Financial Literacy (optional)
	English IV (optional)		Geometry (optional)
	Technical Writing (optional)		Math Essentials (optional)
	Business English (optional)		Algebra II (optional)
			Algebra III DE (optional)
			Advanced Math (optional)
<b>✓</b>	<b>Science courses - 2 units needed</b>	<b>✓</b>	<b>Social Studies courses - 2 units needed</b>
	Biology (mandatory)		U.S. History (mandatory)
	Physical Science (optional)		Civics (mandatory)
	Environmental Science (optional)	<b>✓</b>	<b>Health and PE courses - 2 units needed</b>
	Earth Science (optional)		JROTC I and II <i>or</i>
	Agriscience I & II (optional)		Health and PE <i>and</i>
			PE I
<b>✓</b>	<b>JumpStart courses - 9 units needed</b>		
	Course 1: <u>Quest</u>		Course 2: _____
	Course 3: _____		Course 4: _____
	Course 5: _____		Course 6: _____
	Course 7: _____		Course 8: _____
	Course 9: _____		

## Health Sciences University Pathway

### Pathway Information

The Health Science University pathway program focuses on building content knowledge and skills in the broad areas of health science and health care. This pathway prepares students to recognize, assess, diagnose, treat, and manage patient and medical needs in pre-hospital, disaster, hospital, medical office, and/or home health care settings. Students in this pathway study basic, intermediate, and advanced EMT procedures; emergency surgical procedures; medical triage; rescue operations; crisis scene management and personnel supervision; equipment operation and maintenance; patient stabilization, monitoring, and care; drug administration; identification and preliminary diagnosis of diseases and injuries; communication and computer operations; basic anatomy, physiology, pathology, and toxicology; professional standards and regulations. This pathway also equips students to have careers in allied health services that are preemptive and centered on wellness. Dual Enrollment opportunities that align to the Health Sciences pathway are available in this recommended pathway progression.

### College and Career Connections: Occupations

High School to Career	Community/Technical College to Career	University to Career
Emergency Medical Technician Dental Assistant Pharmacy Aid Nurse Assistant Medical Assistant	Paramedic Dental Technician Pharmacy Technician Licensed Practical Nurse Medical Records and Health Info Technician	Pre-Medical Degrees Dentist Clinical Pharmacists Registered Nurse Medical Doctor

### Advanced Credentials: Industry Based Credentials *and* Dual Enrollment Opportunities

- Emergency Medical Responder (*Basic*)
- Emergency Medical Technician (*Advanced*)

### Dual Enrollment courses that apply to the Health Sciences programs of study:

- English DE courses: English IV 1010, English elective 1020
- Math DE courses: Algebra III (Math 1010), Probability and Statistics (Math 2140)
- Science DE courses: Biology 1010 and lab, Biology 114 and 115 lab
- Social Studies DE courses: US History 2010, Western Civilization History 1010

**Note:** Students are encouraged to work with counselors courses that are applicable to the interested program of study and/or college program.

### TOPS University Recommended Pathway Progression - Health Sciences

	Course Location			Course Location	
	Main Campus	C3		Main Campus	C3
9th grade	English I		11th grade	English III	Allied Health I
	Algebra I			Geometry	Allied Health II (with EMR)
	Civics			US History (*DE option)	
	Physical Science			Environmental Science	
	PE/Health			PE	
	Media Arts I			open elective	
	open elective				
	open elective				
10th grade	English II		12th grade	English IV (high school or DE option at C <sup>3</sup> )	EMT (replaces Patient Care Tech) - 2 credits ( <i>spring only</i> )
	Algebra II			World History (or West Civ DE option)	
	Biology			Advanced Math	
	Geography			Chemistry (high school or DE option at C <sup>3</sup> )	
	Spanish I			open elective	
	Spanish II			open elective	
	open elective				

**Advanced TOPS University Recommended Pathway Progression - Health Sciences**

*\*up to 26 credit hours possible*

	Course Location			Course Location	
	Main Campus	C3		Main Campus	C3
9th grade	English I		11th grade	English III	Allied Health I
	Algebra II			US History (*DE option)	Allied Health II (with EMR)
	Civics			Spanish I	Biology 1010 & lab DE
	Physical Science			Spanish II	Algebra III DE
	PE/Health				
	Media Arts I				
	ACT prep				
	open elective				
10th grade	English II		12th grade	World History (or West Civ DE option)	English IV 1010 DE
	Geometry			PE	<b>Biology 114 &amp; 115 (lab) DE</b>
	Biology				English Elective 1020 DE
	Geography				Probability & Statistics DE
	Chemistry				EMT (2 credits) DE
	open elective				
	open elective				
	open elective				

## Business Management University Pathway

The Business Management and Administration University Pathway focuses on careers that plan, organize, direct, and evaluate all or part of a business organization. Students will learn fiscal responsibility when allocating and using financial, human, and material resources. Pathway coursework equips students to give support needed to make all aspects of a business run, whether training new employees or leading as a top executive. This pathway also encompasses social media use as a marketing strategy to promote and keep businesses relevant.

### College and Career Connections: Occupations

High School to Career	Community/Technical College to Career	University to Career
Administrative Assistant Customer Service Representative Payroll Clerk Digital Layout Designer	Executive Secretaries and Executive Administrative Assistants Human Resource Assistant Business and Office Management Communications Specialist	Management Professional Human Resource Director Business and Office Operations Management Social Media/Market Research Strategist

### Capstone Credentials: Industrial Based Credentials

- Customer Service and Sales (*Regional*)
- Micro-Enterprise (*Regional*)
- Micro-Enterprise (*Basic*)

### Dual Enrollment courses that apply to the Health Sciences programs of study:

- English DE courses: English IV 1010, English elective 1020
- Math DE courses: Algebra III (Math 1010), Probability and Statistics (Math 2140), Accounting CLEP
- Science DE courses: Chemistry 1010 and lab
- Social Studies DE courses: US History 2010, Western Civilization History 1010

**Note:** Students are encouraged to work with counselors courses that are applicable to the interested program of study and/or college program.

### TOPS University Recommended Pathway Progression - Business Management

	Course Location			Course Location	
	Main Campus	C3		Main Campus	C3
9th grade	English I		11th grade	English III	Entrepreneurship
	Math Essentials			Geometry	Personal Finance
	Algebra I			US History (high school or DE option)	
	Civics			Environmental Science	
	Physical Science			open elective	
	PE/Health			open elective	
	Media Arts I				
	IBCA				
10th grade	English II		12th grade	English IV (high school or DE option at C <sup>3</sup> )	Entrepreneurship - State
	Algebra II			World History (or West Civ DE option)	Accounting (CLEP exam)
	Biology			Advanced Math (or DE option at C <sup>3</sup> )	
	Geography			Chemistry (high school or DE option at C <sup>3</sup> )	
	Spanish I			open elective	
	Spanish II			open elective	
	PE				
	open elective				

## Advanced TOPS University Recommended Pathway Progression - Business Management

*\*up to 22 credit hours possible with a CLEP exam credit*

	Course Location			Course Location	
	Main Campus	C3		Main Campus	C3
9th grade	English I		11th grade	English III	Accounting I (CLEP exam)
	Algebra II			US History (high school or DE option)	Entrepreneurship
	Civics			Spanish I	Personal Finance
	Physical Science			Spanish II	Algebra III (DE)
	PE/Health				
	Media Arts I				
	ACT prep				
	IBCA				
10th grade	English II		12th grade	World History (or West Civ DE option)	English IV 1010 DE
	Geometry			open elective	English Elective 1020 DE
	Biology				Probability & Statistics DE
	Geography				Accounting II
	Spanish I				Entrepreneurship - State level
	Spanish II				Chemistry 1010 & lab (DE)
	PE				
	Chemistry				

## Pre-Engineering University Pathway

The LSU Pre-Engineering Certification Pathway provides a pre-engineering program for both TOPS University and TOPS Tech diploma-seeking high school students. Through hands-on projects and interaction with industry professionals, the curriculum prepares students to compete in the 21st century by engaging them in understanding the fundamentals of engineering in the classroom as well as in the workplace. Students will understand the careers available to them in the field of engineering as well as learn key skills such as teamwork, oral and written technical communication, and work ethic that will serve them well whether they pursue an advanced degree or immediately join the workforce.

### College and Career Connections: Occupations

High School to Career and/or Technical College	University to Career
Mechanical Drafter Mechanical Engineering Technician Architectural and Civil Drafter Surveying and Mapping Technicians Computer Programmer	Biological or Chemical Engineering Civil or Environmental Engineering Computer Engineering or Computer Science Construction Management Electrical or Industrial Engineering Mechanical or Petroleum Engineering

### Recommended Credential Opportunities for LSU STEM Pre-Engineering University Pathway:

Students have the opportunity to obtain an Industry Based Credential, a LSU STEM Silver or Gold endorsement, and/or obtain dual enrollment credits. Students can use the following guidance to utilize one or more of the offerings listed below:

#### **Offering 1: Industry Based Credential for University Progression**

Students who successfully complete the four required LSU STEM Pre-Engineering courses may be prepared to attain the following Industry Based Credential:

- **Autodesk Inventor Certified User Advanced credential (*Statewide Advanced IBC*)**

The 4 required courses are as follows:

1. Introduction to Engineering (Dual Enrollment credit)
2. Introduction to Computation Thinking
3. Robotics
4. Engineering Design and Development (or former offering: Principles of Engineering)

#### **Offering 2: STEM Diploma Silver Seal**

Students who successfully complete the four required courses from the recommended pathway progression will obtain the LSU STEM Silver Diploma Seal.

The 4 required courses are as follows:

1. Introduction to Engineering (Dual Enrollment credit)
2. Introduction to Computation Thinking
3. Robotics
4. Engineering Design and Development (or former offering: Principles of Engineering)

#### **Offering 3: STEM Diploma Gold Seal**

Students who successfully complete the four required courses **and** the four additional courses will obtain the LSU STEM Gold Diploma Seal.

The 4 required courses are as follows:

1. Introduction to Engineering (Dual Enrollment credit)
2. Introduction to Computation Thinking
3. Robotics
4. Engineering Design and Development (or former offering: Principles of Engineering)

The additional 4 courses are as follows:

5. Calculus Part A and B (Math 1530 and 1540)
6. Probability and Statistics (Math 2140)
7. Advanced Chemistry (Chem 1010)
8. Biology II (Bio 1010)



**Offering 4: Dual Enrollment courses that apply to the Health Sciences programs of study:**

- English DE courses: English IV 1010, English elective 1020
- Math DE courses: Algebra III (Math 1010), Trigonometry (Math 1110), Calculus 1530, Calculus 1540
- Science DE courses: Chemistry 1010 and lab
- Social Studies DE courses: US History 2010, Western Civilization History 1010

**Note:** Students are encouraged to work with counselors courses that are applicable to the interested program of study and/or college program.

**TOPS University Recommended Pathway Progression - Pre-Engineering**

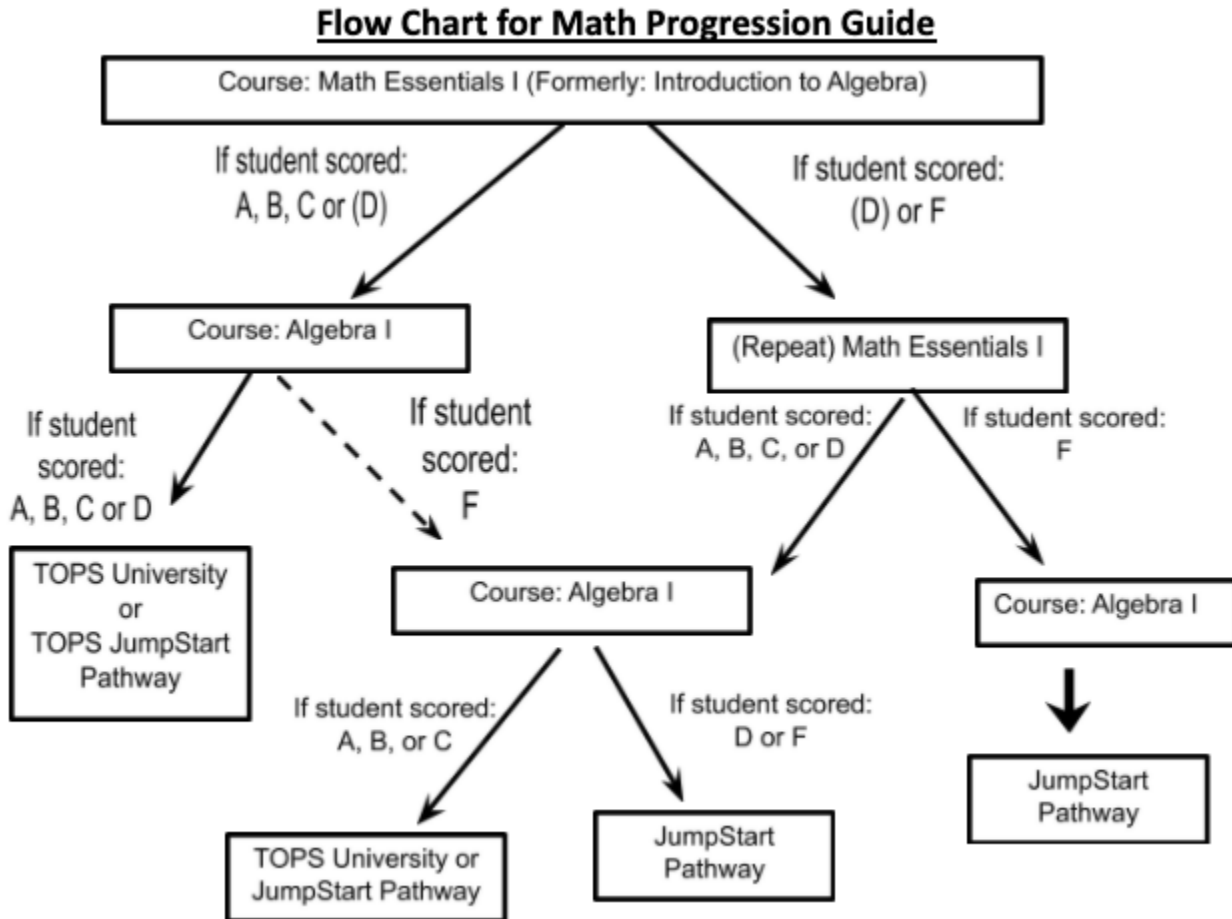
	Course Location			Course Location	
	Main Campus	C3		Main Campus	C3
9th grade	English I		11th grade	English III	Intro to Engineering (DE)
	Math Essentials			Geometry	Intro to Computation Thinking
	Algebra I			US History (high school or DE option)	
	Civics			Environmental Science	
	Physical Science			open elective	
	PE/Health			open elective	
	Media Arts !				
	NCCER Core				
10th grade	English II		12th grade	English IV (high school or DE option at C <sup>3</sup> )	Robotics
	Algebra II			World History (or West Civ DE option)	Engineering Design and Development
	Biology			Advanced Math (or DE option at C <sup>3</sup> )	
	Geography			open elective	
	Spanish I			open elective	
	Spanish II				
	PE				
	open elective				

**Advanced TOPS University Recommended Pathway Progression - Pre-Engineering**

*\*up to 32 credit hours possible*

	Course Location			Course Location	
	Main Campus	C3		Main Campus	C3
9th grade	English I		11th grade	English III	Algebra III (DE)
	Algebra II			US History (high school or DE option)	Trigonometry (DE)
	Civics			Spanish I	Robotics
	Physical Science			Spanish II	Engineering Design (IBC)
	PE/Health				
	Media Arts I				
	ACT prep				
	IBCA				
10th grade	English II	Intro to Engineering (DE)	12th grade	World History (or West Civ DE option)	English IV 1010 DE
	Geometry	Intro to Computation Thinking		open elective	English Elective 1020 DE
	Biology				Chemistry 1010 and lab (DE)
	Geography				Calculus 1530 (DE)
	Chemistry				Calculus 1540 (DE)
	PE				open elective

## Math Progression Guide Flow Chart



[back to Math Course Descriptions](#)