



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

# **COURSE CATALOG**

**Graduation Requirements****TOPS University Diploma**

(Incoming Freshmen beginning Fall 2014)

**English - 4 Units**

- English I, II, III, IV,

**Math - 4 Units**

- Algebra I
- Geometry
- Algebra II
- Remaining unit from: Algebra III, Advanced Math, Calculus

**Science - 4 Units**

- Biology
- Chemistry
- 2 units from: Physical Science, Physics, Biology II, Chemistry II, Earth Science, Environmental Science, Agriscience II

**Social Studies - 4 Units**

- Civics
- U.S. History
- 2 units from the following: World History, World Geography, Western Civilization

**Health - 1/2 Unit**

- 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 A maximum of 4 units of Physical Education may be used toward graduation
- NOTE: The substitution of JROTC is permissible

**Foreign Language - 2 Units**

- 2 units from the same foreign language

**Arts - 1 Unit**

- 1 unit Fine Arts Survey, Art, Dance, Music, or Theatre Arts

**Electives - 3 Units****Total - 24 Units****TOPS Tech\*\* Career Diploma**

(Incoming Freshmen beginning Fall 2014)

**English - 4 Units**

- English I, II
- 2 Units from: English III, English IV, Tech Writing, Business English

**Math - 4 Units**

- Algebra I (1 unit)
- 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 I, Environmental Science, Earth Science, Agriscience I & II

**Social Studies - 2 Units**

- U.S. History
- Civics

**Health - 1/2 Unit**

- 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 A maximum of 4 units of Physical Education may be used toward graduation
- NOTE: The substitution of JROTC is permissible

**JumpStart - 9 Units**

- JumpStart course sequences, workplace experiences, and credentials as approved in Regional JumpStart proposals.\*

**Total - 23 Units**

A student shall complete a regionally-designed, district-implemented series of Career and Technical Education JumpStart coursework and workplace-based learning experiences leading to a statewide or regional JumpStart credential. Each student's JumpStart graduation pathway shall include courses and workplace experiences specific to the credential, courses related to foundational career skills requirements, and other courses (including career electives) that the regional team determines are appropriate for the career pathway.

**Click here for Graduation requirements: [LDOE TOPS LINK](#)**

Beginning with students entering the 9<sup>th</sup> grade in 2014-15 and graduating in the 2017-18 school year and thereafter, the calculation of the TOPS Core grade point average will use a 5 point scale for grades earned in certain AP courses, Gifted Courses, and Dual Enrollment courses used to complete the TOPS Core Curriculum. 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.

**End-Of-Course Exams**

Students must earn 24 Carnegie units of credit and are required to pass End-of-Course exams in three categories. To pass an End-of-Course exam, students must earn an achievement level.

Students must pass:

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

\*Note: Middle school students taking a high school Carnegie credit courses with an EOC are required to take EOC exam. The scores on the EOC 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 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 an End-of-Course exam listed above will be required to take the End-of-Course exam. For Algebra I, Geometry, and English I, English II, Biology, and US History, the scores on the End-of-Course exam will count as the final exam for these courses and will count as 20% of the final grade. The grading scale for the EOC Exams is listed below.

Table 1 is the state’s EOC scale for transitional assessments being phased out (English III and Biology) for students entering high school prior to 2017-18.

Table 1

Achievement Level	Letter Grade
Excellent	A
Good	B
Fair	C
Needs Improvement	D or F

Table 2 is the state’s “new” EOC scale for all students entering high school in or after 2017-18 or students entering prior to 2017-18 repeating the course.

Table 2 (See [LINK](#) for ranges)

Achievement Level	Letter Grade
Advanced	A
Mastery	B
Basic	C
App. Basic	D
Unsatisfactory	F

## DUAL ENROLLMENT (DE)

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, takes more than 2 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 Sophomore, Junior or Senior
  - Students must be addressing the Louisiana TOPS University Diploma Pathway
  - Minimum 3.0 cumulative GPA
  - Minimum ACT composite of 20
  - Minimum English ACT sub-score of 18+ **AND** Math ACT sub-score of 19+
- ❖ *If no ACT score, ACT Aspire/Pre-ACT scores **may** be used. If the ACT has been taken, those scores must be used. Pre-ACT/Aspire scores have higher qualifying scores for math subscore: Pre-ACT 22, Aspire 435, English: Pre-ACT 18, Aspire 433.*

### ADVANCED DE REQUIREMENTS as set by St. James Parish Schools:

- Advanced means approval to take more than 2 classes per semester.
- 3 DE courses per semester must be signed off by counselor/SMA admin **AND** principal.
- 4 DE courses per semester must be approved by C&I Department and only under extenuating circumstances. This is limited to seniors or students approved and committed to the Associate's Degree designation. Counselors are expected to balance core and electives each semester to avoid a student having 4 core courses in one semester.

**DOUBLE-BLOCKING CORE COURSES**-Taking 2 core courses per year in a core subject area, such as 2 math, 2 science, 2 English, 2 social studies classes. This includes both DE and non-DE classes.

- In addition to the above requirements, in order to double-block core courses, students must have a 3.2 cumulative GPA and also meet the below criteria going into the following grades:
- 9<sup>th</sup> grade-Eng Aspire 433, math Aspire 435
    - Before 10<sup>th</sup> grade year, student must take ACT and be scheduled in an ACT Prep during freshman year.
  - 10<sup>th</sup> grade-22 composite
  - 11<sup>th</sup> grade-21 composite
  - 12<sup>th</sup> grade-20 composite

### Application Process

Students must complete the application with the partnering college and submit ACT scores. Forms must be filled out completely during scheduling. This will take place **PRIOR** to the enrollment semester. This is for all Face-to-Face (F2F) and online DE classes.

### 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 student 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.

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 SMA 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 withdrawal form and fee to high school counselor or SMA administrator.

For those students who drop with a "W", the counselor/SMA 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.

**DE Course Offerings through RPCC (2F-Face to Face and OC-Online) unless otherwise noted.**

F2F Course	Prerequisite	OC Course	Prerequisite
<b>MATH 1100:</b> College Algebra	See above	<b>Art 1010:</b> Intro to Visual Arts	High School Art
<b>MATH 1110:</b> Trigonometry	C or better in Math 1100	<b>HIST 1020:</b> Hist of Western Civ II	C or higher in Hist 1010
<b>ENGL 1010:</b> Composition I	See above	<b>SOCL 2000:</b> Intro to Sociology	See above
<b>ENGL 1020:</b> Composition II	C or better in ENGL 1010	<b>PSYC 2010:</b> Intro to Psychology	See above
<b>MATH 2140:</b> Intro to Statistics	C or better in Math 1100	<b>SPCH 1200:</b> Techniques of Speech	See above
<b>MATH 1550:</b> Calculus I (5-hr)	See LSU entry	<b>ECON 2020:</b> Microeconomics	See above
<b>BIOL 1010:</b> General Biology I ( <i>nonscience majors</i> )	See above	<b>POLI 1100:</b> American Government	See above
<b>BIOL 1201/1203:</b> Principles of Biology I + Lab ( <i>science majors</i> )	C or higher in CHEM 1020		
<b>*HIST 2020:</b> U.S. History II	See above	<p style="text-align: center;"><b>DUAL ENROLLMENT FEES:</b></p> <p>All Face-to-Face courses are offered <b>FREE</b> to qualified students. <b>ONLINE</b> courses above, should a student choose to take one or more, will cost <b>\$200</b> per course. Fees will be collected at the school site during the scheduling process. Fall class fees will be collected by May 31 during the scheduling period prior to that semester, and spring class fees will be collected by Dec 18, the semester prior.</p> <p>*The school district will incur the remaining tuition amount as well as any additional instructional materials needed for both online and F2F courses. (i.e., textbooks, ebooks, access codes, other fees) with the exception of withdrawal fees.</p> <p>❖ See DE Student/Parent Contractual Agreement</p> <p>**All online course assessments will be proctored.</p> <p>*<b>HIST 2020 DE:</b> EOC course; EOC is 20% of total grade and taken on home-based campuses.</p>	
<b>HIST 1010:</b> Hist of Westrn Civ I	C or higher in HIST 2020		
<b>CHEM 1010/1010Lab:</b> Chemistry I & Chem I Lab ( <i>science majors</i> )	See above		
<b>CHEM 1020/1020Lab:</b> Chemistry II & Chem II Lab ( <i>science majors</i> )	C or better in Chem1010 & Lab		
<b>Eng 2002:</b> Professional Writing	C or better in Eng 1020		
<b>Eng 2410:</b> World Lit w emphasis on Southern Lit	C or better in Eng1020		
<b>Eng 2530:</b> Major British Writers	C or better in Eng 1020		

**COURSE OFFERINGS & OTHER**

- 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 on not only their home-based campus but also at the CTC and SMA.
- Senior class of 2018-19 ONLY 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 5-hour college credit Calculus course is offered during the spring semester only at the SMA through Louisiana State University (STEM partner). Students must successfully complete high school Calculus at the SMA in the fall semester as a prerequisite in addition to the LSU placement tests and any additional documents required by LSU. This is to ensure the success of our students in this course. It is required that students also enroll in the Calculus Study Hall at the SMA concurrently during the spring semester 5-hour Calculus DE class. It is intended that students take this during their senior year.

# COURSE DESCRIPTIONS

## *Carnegie Credit Courses*

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 can not be offered.

High School Course Title/ College Course Code/ High School Credit	Course Name/Common Course Name and Code if Dual Enrollment	Description/Prerequisites
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## ENGLISH

<b>English I</b> 1 credit	English I	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>EOC(Beginning with Freshmen of 2017-18 and on) LHS,SJHS</b>
<b>English II</b> 1 credit	English II	Prerequisites: successful completion of English I. 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>EOC LHS, SJHS</b>
<b>English III</b> 1 credit	English III	Prerequisites: successful completion of English II. This is a survey course of American Literature from Native American writings to present-day authors. <b>(Graduates of 2019 &amp; 2020 required EOC) LHS, SJHS</b>
<b>English IV</b> 1 credit	English IV	Prerequisites: successful completion of English III. <b>LHS, SJHS</b>
<b>English IV</b> ENGL 1010 1 credit	English Composition I (CENL1013) <b>DE</b>	Prerequisites: Initial placement by ACT Composite score of 20 and an 18 or higher in English AND 19 or higher on math section. 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>LHS, SJHS, SMA</b>
ENGL1020 1 credit	English Composition II (CENL1023) <b>DE</b>	Prerequisite: C or better in ENGL 1010. Continuation of strategies learned in ENGL 1010. Introduction to writing persuasive, evaluative, and other forms of argumentative discourse. <b>LHS, SMA</b>
ENGL 2410 1 credit	World Literature I (CENL2203) <b>DE</b>	Prerequisite: C or better in ENGL 1020. Readings in World Literature with the emphasis on Southern literature. <b>SMA</b>
ENGL 2530 1 credit	Major British Writers (CENL2123) <b>DE</b>	Prerequisite: C or better in ENGL 1020. An in-depth study of two or more major British literary figures with an emphasis on biography, major works, and influence. <b>SMA</b>
ENGL 2002 1 credit	Professional Writing (CENL2513)	Prerequisite: C or better in ENGL 1020. The preparation of documents used in technical and corporate settings. <b>SMA</b>
<b>Tech. Writing</b> 1 credit	Technical Writing	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>CTC</b>
<b>Business English</b> 1 credit	Business English	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>CTC</b>
<b>Professional Writing</b> 1 credit	Professional Writing	Prerequisite – sophomore level or above. This is a writing course for college-bound students to prepare for upper level and/or dual enrollment English courses. <b>SJH</b>

**MATH**

<b>Intro Alg</b> 1 credit	Introduction to Algebra	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>SMA, LHS, SJHS</b>
<b>Math Essentials</b> 1 credit	Math Essentials-Algebra Math Essentials-Geometry	This course covers ratio and proportions, probability, statistics, topics in geometry, linear functions, step-functions, piecewise functions, absolute value functions, quadratic functions and other math topics. This course is designed as a bridge for students who performed below average in Intro to Algebra, Algebra I or Geometry. This course should be scheduled either after completion of Intro to Algebra, Algebra I or Geometry, based on performance in those classes. This is to prepare them for the next course in their sequence. <b>LHS, SJHS</b>
<b>Algebra I</b> 1 credit	Algebra I	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>EOC SMA, LHS, SJHS</b> <b>This class is offered to 8th grade students who qualify.</b>
<b>Algebra II</b> 1 credit	Algebra II	Prerequisite: Algebra I. 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. Students must earn a final grade of A or B or have teacher recommendation AND have an ACT or PLAN Composite score of 18 and math subscore of 21 to schedule the next honors course (Advanced Math Pre-calculus/College Algebra or Algebra III). <b>SMA, LHS, SJHS</b>
<b>Geometry</b> 1 credit	Geometry	Prerequisites: successful completion of Algebra I. 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>EOC SMA, LHS, SJHS</b>
<b>Advanced Math</b> 1 credit	Advanced Math- PreCalculus	Prerequisites: successful completion of Algebra I, Algebra II, and Geometry. 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. <b>LHS, SJHS</b>
<b>Financial Literacy</b> 1 credit	Financial Literacy	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>CTC</b>
<b>Business Math</b> 1 credit	Business Math	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>CTC</b>
<b>Algebra III</b> Math 1100 1 credit	College Algebra (CMAT1213) <b>DE</b>	Prerequisites: ACT Composite 20, English 18 AND Math 19 subscores. 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. Students must earn a C or better to schedule College Trigonometry(Math 1110.) <b>SMA, LHS, SJHS</b>
<b>Trigonometry</b> Math 1110 1 credit	Plane Trigonometry (CMAT1223) <b>DE</b>	Prerequisites: C or better in Math 1100 Trigonometric functions and identities, inverse trigonometric functions, graphs, solving triangles and equations, complex numbers, and polar coordinates. <b>SMA, LHS</b>
<b>Statistics</b> Math 2140 1 credit	Introductory to Statistics (CMAT1303) <b>DE</b>	Prerequisites: C or better in Math 1100 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, hypotheses testing, simple linear regression, correlation and non-parametric statistics. <b>SMA</b>

<b>Calculus</b> 1 credit	High school Calculus	Prerequisites: C or better in Algebra I, Geometry, Algebra II, Advanced math OR College Algebra. Recommended senior level course. <b>ONLY OFFERED IN FALL SEMESTER.</b> This course covers limits, derivatives and integrals. It also looks at real-world applications. <b>SMA</b>
<b>Calculus I Math 1550</b> 1 credit	Calculus I (CMAT2115) 5-Hour with LSU <b>DE</b>	Prerequisite: B or higher in high school Calculus AND 80% or higher on LSU ALEKS Placement test. Must also complete application and all required documentation for and through LSU. Calculus Study Hall must be taken concurrently while taking this course. <b>ONLY OFFERED IN SPRING SEMESTER.</b> Recommended senior level course. This course covers limits, derivatives and integrals. It also looks at real-world applications. <b>SMA</b>

## SCIENCE

<b>Environmental Science</b> 1 credit	Environmental Science	Students investigate how the environment is affected by industry, the community, and individuals. Through these investigations, students discover how they can improve and protect the world around them. <b>LHS, SJHS</b>
<b>Physical Science</b> 1 credit	Physical Science	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>SMA, LHS, SJHS</b>
<b>Biology I</b> 1 credit	Biology I	This course covers concepts in Cell Biology, Genetics and Ecology. <b>EOC SMA, LHS, SJHS</b>
<b>Biology II</b> BIO1010 1 credit	General Biology I- Nonscience majors- (CBIO1013) <b>DE</b>	Prerequisites: C or higher in high school Biology. 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>DE SMA</b>
<b>Biology II</b> BIO1201/Lab 1 credit	Principles of Biology I w/ lab-For Science majors- 4 college credits (CBIO1033) <b>DE</b>	Prerequisites: Biology and B or higher in CHEM1020 & 1020 Lab. Junior/Senior class standing. This course is designed for students majoring in science or a related field. Principles of biology from the cellular to the ecosystem level, including biochemistry, cell biology, molecular biology, genetics, and evolution are topics covered in this course. <b>DE SMA</b>
<b>Chemistry Tech</b> 1 Credit	Chemistry I (tech)	This course is a comprehensive introduction to applied chemistry, linking the fundamental theory and concepts to the applied nature of the subject. <b>CTC</b>
<b>Chemistry I</b> 1 credit	Chemistry I	Prerequisites: successful completion of Biology and Physical Science. Consists of studies in solutions, reactions, Stoichiometry, states of matter, gas laws, bonding, molarity, modality, and thermo chemistry. Students interested in the class should have successfully completed Algebra I or enrolled in Algebra II. <b>SMA</b>
<b>Chemistry II</b> Chem1010/Lab 1 credit	Chemistry I with lab- Science majors- 4 college credits (CCEM1123) <b>DE</b>	Prerequisites: C or higher in high school Chemistry and ACT DE requirements. 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>DE SMA</b>
<b>Chemistry II</b> Chem1020/Lab 1 credit	Chemistry II with lab- Science majors - 4 college credits (CCEM1133) <b>DE</b>	Prerequisites: C or higher in Chemistry 1010 and 1010 lab. This course introduces chemical theories and principles with emphasis on chemical equilibria, acids and bases, electrochemistry, chemical thermodynamics, and kinetics. Integrated into the course are problem solving and quantitative approaches. This course is intended for science and engineering curricula. <b>DE SMA</b>
<b>Physics</b> 1 credit	Physics	Prerequisites: successful completion of Biology, Physical Science, and Chemistry. 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>SMA, LHS</b>



**SOCIAL STUDIES**

<b>Civics</b> 1 credit	Civics	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>LHS, SJHS</b>
<b>World Geography</b> 1 credit	World Geography	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>LHS, SJHS</b>
<b>U.S. History</b> 1 credit	U.S. History	Prerequisites: successful completion of Civics .The course covers the period of time from Western Expansion to the Modern Age. <b>EOC LHS, SJHS</b>
<b>U.S. History</b> HIST2020 1 credit	American History II- (CHIS2023) <b>DE</b>	Prerequisites: successful completion of Civics and ACT qualifying scores. A survey of United States history from 1865 to the present. <b>EOC LHS, SJHS</b>
<b>World History</b> 1 credit	World History	World history 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>LHS, SJHS</b>
HIST1010 1 credit	History of Western Civilization I (CHIS 1113) <b>DE</b>	A survey of the major civilizations of the world to 1500, with particular emphasis on the interactions among them and their influences on each other. <b>LHS, SJHS</b>
HIST1020 1 credit	History of Western Civ. II(CHIS1123) <b>DE</b>	Prerequisites: completed HIST 1010 with C or higher. A survey of the major civilizations of the world from 1500 to the present, with particular emphasis on the interactions among them and their influences on each other. <b>ONLINE ONLY</b>

**HEALTH & PHYSICAL EDUCATION**

<b>PE I</b> <b>PE II</b> <b>PE III</b> <b>PE IV</b> 1 credit	Physical Education	Activities in this course will include daily exercises and stretching; physical fitness testing; team sports (basketball, flag football, whiffle 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>LHS, SJHS</b>
<b>Sports</b> <b>Fall Sports I,</b> <b>II, III, IV</b> <b>1 Credit</b>	Physical Education	This course is available to all athletes in grades 9-12. <b>SJH</b>
<b>Sports</b> <b>Spring</b> <b>Sports I, II,</b> <b>III, IV</b> <b>1 Credit</b>	Physical Education	This course is available to all athletes in grades 9-12. <b>SJH</b>
<b>PE/Health</b> ½ credit ½ credit	Physical Education & Health	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>LHS, SJHS</b>
<b>Weightlifting</b> <b>Boys</b>	Weightlifting PE Boys	Sport associated weightlifting for boys. <b>LHS</b>
<b>Weightlifting</b> <b>Girls</b>	Weightlifting PE Girls	Sport associated weightlifting for girls. <b>LHS</b>
<b>JROTC I</b> <b>JROTC II</b> <b>JROTC III</b> <b>JROTC IV</b> 1 credit each	Junior ROTC	This program prepares students for leadership roles while making them aware of their rights, responsibilities, and privileges as American citizens. It is a stimulus for promoting graduation from high school by providing rewarding opportunities that benefit the student, community, and nation.

**ELECTIVES**

<b>Accounting I</b>	Accounting I	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>LHS</b>
<b>ACT Prep</b> 1 credit	ACT Prep	Students practice the skills needed to improve their performance on the American College Test. <b>LHS; SJH</b>
<b>Adv ACT Prep</b> 1 credit	Advanced ACT Prep	Prerequisite – min. composite of 20 on ACT or PreACT. Students practice the skills needed to improve their performance on the American College Test. <b>LHS</b>
<b>Art I</b> 1 credit	Art I	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>LHS, SJH</b>
<b>Art II</b> 1 credit	Art II	Prerequisite: Art I. A focus on advanced drawing techniques, painting, and 3-dimensional sculpture. <b>LHS, SJH</b>
<b>Art III</b> 1 credit	Art III	Prerequisite: Art I and II. Advanced painting is combined with large scaled sculptures. <b>LHS, SJH</b>
<b>Art IV</b> 1 credit	Art IV	Prerequisite: Art I, II, and III. Independent study course focuses on individual interests. <b>LHS, SJH</b>
<b>Fine Arts Survey</b>	Fine Arts Survey	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>SJHS</b>
<b>Fine Arts Survey ARTS 1010</b> 1 credit	Introduction to Visual Arts (CART1023) <b>DE</b>	Prerequisites: must have completed high school art. Lecture and discussion on the forms, functions, and vocabulary of the visual arts. Emphasis will be 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>ONLINE ONLY</b>
Concert <b>Band I, II, III, or IV (Spring)</b> 1 Credit	Concert Band	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>LHS, SJHS</b>
Marching <b>Band I, II, III, or IV (Fall)</b> 1 Credit	Marching Band	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>LHS, SJHS</b>
<b>Black Studies</b> 1 credit	Black Studies	This course will be devoted to the study of black people in the world such as their history, culture, sociology and religion. <b>LHS, SJH</b>
Advanced <b>Career Awareness</b> 1 credit	Advanced Career Awareness	This course is for Juniors and Seniors. It provides skills students need to be successful after high school whether planning for a career, college, or technical school. <b>LHS, SJH</b>
<b>Business Computer Applications</b> 1 Credit	Business Computer Applications BCA	Prerequisite: Keyboarding and Keyboarding Applications or IBCA. 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>LHS, SJHS</b>
<b>Child Development &amp; Adv. Child Dev.</b> 1 Credit	Child Development/ Advanced Child Development	(Each course earns ½ credit) 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>Criminal Justice</b> 1 credit	Criminal Justice	This course will cover the 3 main components of the criminal justice system: law enforcement, courts, and corrections. <b>LHS</b>

<b>Coding with Apps I and II (Fall / Spring)</b> 1 Credit	Swift Coding for Beginners I	The two-semester <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>LHS</b>
<b>Comp. Tech.</b>	Computer Technology Literacy	This class allows students to explore and learn the different ways to use technology such as the different Mac Book apps as well as calendars, MS Office, etc. <b>LHS (offered to middle school students)</b>
<b>Choir I,II,III, or IV</b> 1 Credit	Choir	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>SJHS</b>
<b>Dance I, II, III, or IV</b> 1 Credit	Dance	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 both during the school day and evenings/weekends. <b>SJHS</b>
<b>Digital Media I (Fall)</b> 1 Credit	Digital Media I	Digital Media in modern world – learn basic internet, you-tube, social media video editing basic graphic design and more. <b>LHS / SJH (XP Synergy Contract)</b>
<b>Digital Media II (Spring)</b> 1 Credit	Digital Media II	Prerequisite – C or better in Digital Media 1 In depth of digital media in the modern world - including photo editing, graphic design, advanced movie editing . <b>LHS (XP Synergy)</b>
<b>Economics ECON2020</b> 1 credit	Microeconomics (CECN2223) <b>DE</b>	A study of price and output determination, theories of production, and determination of prices in regulated and unregulated industries, functional distribution of income, and international economics. <b>ONLINE ONLY</b>
<b>Government POLI1100</b> 1 credit	American Government (CPOL2013) <b>DE</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>ONLINE ONLY</b>
<b>Nutrition/Food &amp; Adv. Nutrition/Food</b> 1 Credit	Foods & Nutrition and Advanced Foods & Nutrition	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. <b>This course can substitute as a Science Elective in Hospitality and Tourism—Culinary Arts Career Diploma Pathway. LHS, SJH</b>
<b>Intro. to Business Computer Apps</b> 1 Credit	Intro to Business Computer Apps IBA	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>LHS, SJHS</b>
<b>Publications I or II</b> 1 Credit	Publications	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. <b>LHS, SJHS</b>
<b>Media Arts</b> 1 Credit	Media Arts	Students will explore multi print opportunities – from design to print and distribution. <b>LHS</b>
<b>Career Success Media</b> 1 Credit	Career Success in Media Productions	An introductory course to multiple media productions including TV video, script writing, make-up and design, etc. Experts in all areas will rotate in from "Project Create" to offer this multi-dimensional course in conjunction with the TV broadcasting offerings and facility. <b>SJH Performing Arts</b>

<b>Sociology</b> <b>SOCL2000</b> 1 credit	Introduction to Sociology (CSOC2013) <b>DE</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>ONLINE ONLY</b>
<b>Spanish I</b> 1 credit	Spanish I	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. <b>LHS, SJHS</b>
<b>Spanish II</b> 1 credit	Spanish II	Prerequisite: Spanish I. Continuation of Spanish I with strong emphasis on grammar, reading, and writing. <b>LHS, SJHS</b>
<b>Speech</b> 1 credit	Speech	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>LHS, SJHS</b>
<b>Speech</b> SPCH1200 1 credit	Techniques of Speech (CCOM2013) <b>DE</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>ONLINE ONLY</b>
<b>Sports Medicine I &amp; II</b> ½ Credit ½ Credit	Sports Medicine I & II	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>LHS</b>
<b>Sports Medicine III</b> 1 credit	Sports Medicine III	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>LHS</b>
<b>Study Skills</b> 1 credit	Study Skills	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>SJH, LHS</b>
<b>Senior Projects</b>	Senior Projects	The Senior Capstone Experience/Senior Project is a student-selected exploration of a topic, which results in a research paper, a project or a product, and a presentation. The Senior Capstone Experience moves students away from departmentalized learning toward a more interdisciplinary approach. This approach is one which allows students to use a variety of skills in the areas of writing, speaking, research, and documentation. Upon completion of the Senior Capstone Experience, students have learned more about their topics, their community, and, most importantly, about themselves. <b>LHS</b>
<b>Psychology</b> 1 credit	Psychology	An introduction to the science and profession of psychology. <b>LHS, SJHS</b>
<b>Psychology</b> PSYC2010 1 credit	Introduction to Psychology (CPSY2013) <b>DE</b>	Prerequisites: All graduation requirements in Social Studies must be successfully completed (C or Better). A broad overview of the field of psychology, designed to expose students to major theories, research methods, and applied areas of psychology. <b>ONLINE ONLY</b>
<b>Theatre I</b> 1 credit	Theater I	Students will explore analysis and performance aspects of prose, poetry and dramatic literature. <b>SJH, LHS</b>
<b>Musical Theater I, II, III, or IV</b> 1 credit	Musical Theater (I and II may be taken by middle school students)	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 culminating performance both during the school day and evenings/weekends. <b>SJH</b>

**Electives - SCIENCE AND MATH ACADEMY (SMA)**

<b>Forensic Science</b> 1 Credit	Forensic Science	Forensic Science is a half-year elective course. It is designed to be of interest to students that may want to pursue a career in any one of the sciences or law enforcement. Forensic science applies various areas of science, including chemistry, biology, and physics, and critical thinking skills to solve a crime. In addition, students will learn about the Criminal Justice System and the steps forensic investigators must take to admit evidence to the courts. This course will also provide students with the opportunity to learn more about art to produce composite sketches and recreate crime scenes. This class will incorporate many hands on laboratories and demonstrations, including mock crime scenes. <b>SMA</b>
<b>Intro. to Engineering</b> 1 Credit	Introduction to Engineering	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. (Grade 9 for pathway; 9-12 general elective) - <b>SMA</b>
<b>Principles of Engineering</b> 1 Credit	<b>Available 2019-20</b>  <b>*Can be part of Engineering Pathway – Sign up early.</b>	Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students continue to enhance their skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentations. The second half of the course will focus on using Learn CNC virtual mills and Lathes to teach the students the principles of machining. At the end of the course, students will have a basic foundation for taking several NIMS certifications. (Grade 10 for pathway, 9-12 general elective) <b>SMA</b>
<b>Intro to Computational Thinking for STEM</b> 1 Credit	Introduction to Computational Thinking for STEM	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 (Grade 9 for pathway; 9-12 general elective) <b>SMA</b>
<b>Programming for Engineers</b> 1 Credit	<b>Available 2019-20</b>  <b>*Can be part of Engineering Pathway – Ask your counselor for details</b>	The goal of this course is to have students develop a transferrable skill set of computer programming abilities, which they could apply to any future programming task Topics will include the software development cycle, data representation and processing, variables, functions and expressions, logic and control commands, repetition, implementation of basic algorithms, and physical computing. Projects will cover command-line scripting in Python, graphical interfaces in the JavaScript P5 environment and interaction with electronic components in the Arduino platform. (Grade 10 for pathway, 9-12 general elective) <b>SMA</b>
<b>Robotics</b>	<b>Available 2019-20</b>  <b>*Can be part of Engineering Pathway – Ask your counselor for details</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 both 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. The second semester projects will have a heavier focus on programming the robot to move autonomously. (Grade 11 for pathway; 9-12 general elective) <b>SMA</b>
<b>Data Manipulation and Analysis</b>	<b>Available 2019-20</b>  <b>*Can be part of Engineering Pathway – Ask your counselor for details</b>	This course is an introduction to the emerging field of Data Science, which is a combination of mathematics and statistics on one hand, and computational thinking and programming on the other hand. Students will learn how to collect and clean data from different sources, such as databases, web scraping or measurement devices. They will then use charts and plots to visualize the data, and statistical measures to analyze it. Machine learning techniques such as clustering, regression and Bayesian classification will be introduced as modern approaches to make sense out of large amounts of data. The course will end with an overview of Big Data and the archetypical Map-Reduce algorithm. (Grade 11 for pathway; 9-12 general elective) <b>SMA</b>
<b>Engineering Economy</b>	<b>Available 2019-20</b>  <b>*Can be part of Engineering Pathway – Ask your counselor for details</b>	Students will learn how to plan engineering projects based on economic studies for decision making, including considerations of rate of return, payback period, cost-benefit calculations, depreciation and tax relationships, and introduction to multivariate alternative studies. (Grade 12 for pathway; 9-12 general elective) <b>SMA</b>

Engineering Design and Development	Available 2019-20  *Can be part of Engineering Pathway – Ask your counselor for details	Students work in teams to research, design, test, and construct a solution to an open-ended engineering problem. Students will study visualization and prototyping techniques including freehand sketching and 3D modeling using SolidWorks. The curriculum includes studies in principles of design methodology, product development, human factors, and prototyping with 3D printers. Students will also learn about project management by creating a design portfolio with an emphasis on technical writing and presentation skills. (Grade 12 for pathway; 9-12 general elective) <b>SMA</b>
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## Electives - CAREER AND TECHNOLOGY CENTER (CTC)

NCCER Pipefitting I /Welding I 2 credits	WELD 1110 2 hrs. IMMT 1123 Intro to Weld 3 hrs. <b>DE</b>	Prerequisite: Must have NCCER Core Certification Students work toward an NCCER industry-based certification with a focus on skills needed by employers in industry, construction and agricultural mechanics related fields. Units in this program include: Safety, Welding, Pipefitting, Metal Fabrication, Millwright, Machinist, Mechanics, and Electricity. The students will be introduced to construction math, hand tools, power tools, blueprints, basic rigging, and job seeking skills. Lab fee required. Students may apply for dual enrollment credit through SCLTC in Reserve. <b>CTC</b>
NCCER Pipefitting II /Welding II 2 Credits	WELD 1412 3 hrs. <b>DE</b>	Prerequisite: Pipe I/Weld I 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. Students may apply for dual enrollment credit through SCLTC in Reserve. <b>CTC</b>
NCCER Welding III 2 credits		Prerequisite: Pipe II & Weld II 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. Students may apply for dual enrollment credit through SCLTC in Reserve. <b>CTC</b>
Agriscience I / NCCER Core 2 Credits		<u>Ag I</u> 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 also on skills required to earn NCCER Core Certification. <b>CTC</b>
Agriscience II /NCCER Carpentry I 2 Credits		Prerequisite: Agriscience I. 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 learn basic skills needed in the construction of buildings commonly used in agricultural occupations. Emphasis is on skill development in blueprint reading, carpentry, plumbing, concrete work, and electrical wiring. Mathematical and communication skills are reinforced. Students can work toward industry certification through the National Center for Construction Education and Research (NCCER). <b>CTC</b>
Agriscience III/ NCCER Carpentry II 2 Credits		Prerequisite: Agriscience II. This is an advanced study in Agriscience based upon the local agricultural workforce and economic needs of the community. The major areas of study include personal development skills, animal systems, plant systems, environment issues, and mechanical skills. The course provides opportunities to utilize skills learned in a hands-on laboratory environment. Students work under the guidance of the instructor to gain practical hands-on experience in all areas of construction. Emphasis placed upon safety and the development of work ethics along with attainment of proficiency in all areas. <b>CTC</b>

<b>Allied Health I &amp; Medical Terminology</b> 2 Credits BOTH 1300	BOTH 1300 DE	Prerequisite: Biology. Students must be 16 years old by the completion of this course in order to schedule this course. This is the first of two courses designed to prepare students with the entry-level skills and knowledge common to health care. The course provides clinical skills, such as vital signs, height and weight, lifting, positioning, and ambulating of patients as well as employable skills. This course includes an overview of health care professions, body mechanics, standard precautions, and legal responsibilities. Oral and written skills are reinforced through in-school lab activities designed to develop clinical skills. Medical Terminology enables students to identify terms by analyzing their components. The course is designed to study anatomy and physiology of the body systems. <b>CTC</b>
<b>Certified Nursing Aide</b> 2 Credits		Prerequisite: Allied Health I/Medical Terminology This course prepares students for employment in long-term care facilities, home health agencies, and hospitals, where basic bedside nursing care is needed. Classroom instruction includes an introduction to health care, infection control, basic nursing skills, body structure and function, and the job-seeking process, with an introduction to computer skills as related to the health care industry. Students participate in 40 hours of clinical activities under the supervision of the instructor. Students must purchase assigned scrubs for work in the clinical setting. <b>CTC</b>
<b>Cosmetology I</b> 2 Credits		Prerequisite: Students must be 16 years old to schedule this course. This course is the first 225 clocked hours of the 1500 hr. curriculum required by the Louisiana State Board of Cosmetology for licensure as a Cosmetologist. Students will be introduced to the basics of Cosmetology with Theory instructions reinforced with hands-on practical and technical procedures. Students will also be aware of the career opportunities as a licensed professional. \$10 registration fee and \$20 course fee. This course is designed to prepare students to successfully challenge the state and national, written and practical exams, administered by Louisiana State Board of Cosmetology for licensure. Real life activities are designed to prepare our students for the demands of a rewarding career in the profession. <b>CTC</b>
<b>Cosmetology II</b> 2 Credits		Prerequisite: Successful completion of Cosmetology I This course is the second 225 clocked hours of the 1500 hr. curriculum required by the Louisiana State Board of Cosmetology for licensure as a Cosmetologist. Students will begin to understand more about the Properties of Hair, Infection Control, Basic Haircutting, Shampooing & Conditioning, Anatomy/physiology, and some Salon Management. This course of study will aid the student in developing skills which will enhance their individual creative talents. <b>CTC</b>
<b>Cosmetology III</b> 2 Credits		Prerequisite: Successful completion of Cosmetology II. Students continue to add skills and hours toward earning a Louisiana Cosmetology License. <b>CTC</b>
<b>Cosmetology IV</b> 2 Credits		Prerequisite: Successful completion of Cosmetology III Students complete hours toward earning a Louisiana Cosmetology License. <b>CTC</b>
<b>Baking &amp; Pastry I</b> 2 Credits		Fundamental concepts and techniques in basic baking and pastry production. Weight, volume, and measurement practices, proper sanitation procedures, tool and equipment safety and usage will be covered. Production items will include quick and yeast breads, cookies, pies, cakes, icing, and basic pastries. <b>CTC</b>
<b>Baking &amp; Pastry II</b> 2 Credits		Prerequisite: Successful completion of Baking & Pastry I Skill level work to include higher level mastery of skills and techniques introduced in earlier course. Production of pastry mise en place, dessert preparation, meringues, sauces, international cakes, light desserts, frozen desserts, custards, mousses, chocolate and sugar work, plate design, and buffet presentations. <b>CTC</b>
<b>ProStart I &amp; Food Service I</b> 2 Credits		Prerequisite: Nutrition and Food/Advanced Nutrition and Food and students must be 16 years old and a junior to schedule this course. The first of two courses focused on preparing students for careers in foodservice/hospitality industry. Emphasis is on obtaining skills for the industry-based certification and preparation for internships in the industry. Topics include skills necessary for careers in the hospitality industry, organization and management, professionalism, use of commercial equipment, proper sanitation and safety standards for industry and essential math. <b>CTC</b>

<b>ProStart II &amp; Food Service II</b> 2 Credits		Prerequisite: Prostart I. The second of two courses prepares students for careers in the food serve/hospitality industry. Emphasis is on obtaining skills for the industry-based certification and preparing for internships in the industry. Topics include career preparation, history of the industry, lodging, and tourism, the art of service, marketing, purchasing and inventory control, as well as advanced planning and food preparation techniques. <b>CTC</b>
<b>Process Technology I</b> 2 Credits PTEC 1010 PTEC 2030	<b>DE</b>	Requires administration approval 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 La. Technical College River Parishes Campus in pursuit of an Associate Degree. Students must provide their own transportation. <b>CTC</b>
<b>Process Technology II</b> 2 Credits PTEC 1310 PTEC 1000	<b>DE</b>	Requires administration approval This is a continuation toward the Associate Degree in Process Technology. Students will receive dual credit, both high school and college credit, as in PT I. Students must provide their own transportation. <b>CTC</b>
<b>Jag I, II, III, or IV</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>CTC</b>
<b>Entrepreneurship</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>CTC</b>
<b>Industrial Maintenance</b> 2 credits	<b>DE</b>	Requires administration approval The Industrial Maintenance Technology program prepares individuals to install, repair, and maintain industrial machinery and equipment such as pumps, motors, pneumatic and hydraulic systems, and production machinery. It includes instruction in testing, adjusting, and repairing pneumatic and hydraulic systems, attaching supplemental equipment such as hoses, valves, gates, mechanical, electrical, and electronic control devices. It also includes instruction in material handling equipment, pipefitting, welding, metal fabrication, and millwright. Students meet with CTC administrator to create a schedule of classes at South Central Louisiana Technical College in Reserve based on the current offerings. Students must provide their own transportation. <b>CTC</b>
<b>Industrial Instrumentation</b> 2 credits	<b>DE</b>	Requires administration approval The program prepares individuals to install, maintain, troubleshoot, and repair various types of measuring and control instruments and peripherals, such as measuring, transmitting, indicating, recording, and controlling devices, final elements, optical instruments and control systems. Specialized classroom instruction will be provided along with practical shop experience in the areas of electronics, motor controls, and different types of measuring systems. Students meet with CTC administrator to create a schedule of classes at South Central Louisiana Technical College in Reserve based on the current offerings. Students must provide their own transportation. <b>CTC</b>



**Industry-based Certifications (IBCs) – These Pathway course include potential to earn an IBC. Certain IBCs are requirement for graduation for JumpStart Pathway students only. See your counselor for more information and/or see this [link](#).**

<b>Certification</b>	<b>Courses providing instruction for the IBC</b>
Certified Nursing Aide	CNA
CPR with First Aid	Sports Med I Allied Health I ROTC II
Customer Service	Advanced Career Awareness
FEMA Incident Management	ROTC III
MicroEnterprise	Entrepreneurship
Microsoft Word Specialist	Intro to Business Computer Apps
Microsoft PowerPoint Specialist	Business Computer Apps
NCCER Core	Agriscience I
NCCER Level I	Agriscience II Pipe/Weld I
NCCER Level II	Agriscience III Pipe/Weld II
ProStart National Cert	ProStart II
ServSafe	Food & Nutrition
300 hours in Cosmetology	Cosmetology II/III

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

Students are promoted to 10th grade status upon completion of 6 credits

Students are promoted to 11th grade upon completion of 10 credits.

Students are promoted to 12th grade upon completion of 16 credits.

Credit recovery and EOC remediation for high school is offered in the month of June. EOC 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).

### **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 counselor and administration by June 1 of that year (see early graduation form).
- 2) complete exit interview with administration, counselor and parent(s) by August 1 of that year.

December graduates may choose participate in May graduation commencement ceremonies. Intent to participate in ceremonies must be stated in the exit interview process.

## **Graduation Awards**

### **Honors Graduate- Honor Cords (Graduating classes of 2018, 2019, 2020, 2021):**

- 3.2 GPA **and**
- 15 hours of Dual Enrollment credit, C or better **and**
- Successfully meet TOPS criteria
- 20 ACT
  - Honors classed defined as Dual Enrollment-5 quality points
  - CLEP passing score of 50 can be used to substitute for 1 DE course.

### **Honors Graduate- Honor Cords (Beginning with freshmen entering 2018-19):**

- 3.2 GPA **and**
- 12 hours of Dual Enrollment credit, C or better **and**
- Successfully meet TOPS criteria **and**
- 21 ACT (follows gradual increase model as state increases proficiency standards to 23)
  - Honors classed defined as Dual Enrollment-5 quality points
  - CLEP passing score of 50 can be used to substitute for 1 DE course.

### **Honor Graduates are further recognized at graduation by:**

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

***CLEP Nationally Recognized Exam Graduation Award-*** *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.

***Superintendent's Medal of Honor*** is awarded to an honor graduate with an ACT score of 30 or above.

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