

**Destrehan High
School
Course Catalog

2025-2026**

EQUAL OPPORTUNITY STATEMENT

In compliance with

Title VI, Title IX, and Section 504 of the

Rehabilitation Act of 1973,

This Educational Agency upholds the following policy:

This is an equal opportunity school and is dedicated to a policy of non-discrimination in employment or training. Qualified students, applicants, or employees will not be excluded from any course or activity because of age, race, creed, color, sex, religion, natural origin or qualified handicap. All students have equal rights to counseling and training.

MISSION STATEMENT

*Our mission at Destrehan High School is to provide
a nurturing community of teaching and learning in which all students
will continuously improve to become responsible
contributing members of society.*

VISION STATEMENT

We at Destrehan High School continuously strive to provide teaching and learning experiences that truly enable our students to be responsible and contributing citizens, who are college and career-ready upon graduation. To achieve this goal, we must have a clear vision of our ideal school.

In our ideal school, all students experience:

- A diverse, challenging, rigorous, and relevant curriculum, rich in research-based instruction and varied assessments. This curriculum prepares all graduates for post-secondary education, training, and the world of work.
- A spirit of cooperation and communication where faculty and staff seek the input and personal involvement of parents, students, and community members in decisions that affect student learning.
- A personalized community where every student has a sense of belonging and at least one adult advocate in the school.
- A school culture where all stakeholders teach and model trustworthiness, respect, responsibility, fairness, caring, and citizenship.
- A spirit-filled campus where all teachers and students are engaged together beyond the classroom setting through extracurricular or co-curricular activities.
- A state-of-the-art infrastructure that provides a professional and secure community for teaching and learning.
- State-of-the-art technology that is seamlessly infused in all classrooms and is available to every student.
- A firm commitment from all stakeholders to create life-long learners and to help all students become college and career ready.

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GENERAL ACADEMIC INFORMATION

ATTENDANCE POLICY

COMPULSORY ATTENDANCE DAYS: In order to be eligible to receive grades and earn Carnegie credit, students shall be in attendance 94% of the required instructional minutes prescribed by the Board of Elementary and Secondary Education (BESE).

High school students shall be in attendance a minimum of 83.5 days, or the equivalent, per semester or 167 days per school year for schools not operating on a semester basis. High school students who accrue more than 5 absences in a whole credit course and/or more than 2.5 absences in a half- credit course will not be eligible to earn Carnegie credit for the course.

Louisiana Truancy Law R.S. 17:233: Cases of habitual absence and/or tardiness are referred to juvenile or family court. A. Any student who is a juvenile and who is habitually absent from school or is habitually tardy shall be reported by visiting teachers and supervisors of child welfare and attendance to the family or juvenile court of the parish or city as a truant child... B.(1) A student shall be considered habitually absent or habitually tardy when either condition continues to exist after all reasonable efforts by the principal and the teacher have failed to correct the condition after the fifth unexcused absence or fifth unexcused occurrence of being tardy within any semester. The term “tardy” shall include, but not be limited to, leaving or checking out of school unexcused prior to the regularly scheduled dismissal time at the end of the school day, but shall not include reporting late to class when transferring from one class to another during the school day. The student’s principal or the principal’s designee, with the aid of the teachers, shall file a written report showing dates of absence or tardiness, dates and results of school contacts with the home, and such other information as may be needed by the visiting teacher or Director of Child Welfare and Attendance.

GRADE CLASSIFICATION POLICY

Promotion is made on the basis of earned course credit in the regular program of studies and on the number of years in high school. Course credits earned for each school year are totaled and grade placement for regular education students and students with disabilities pursuing a high school diploma is determined according to the following:

- **Classification in grade 9** (freshman) is accomplished when a student meets the promotional requirements for grade 8.
- **Classification in grade 10** (sophomore) occurs when a student has completed one year in high school and has earned 6 units, 4 of which are required.
- **Classification in grade 11** (junior) occurs when a student has completed two years in high school and has

earned 11 units, 7 of which are required.

· **Classification in grade 12** (senior) occurs when a student has completed three years in high school and has earned 17 units, 10 of which are required.

Credits are checked at the end of each school year. Students therefore remain in the same classification for the entire school year.

GRADING SCALE and GPA

The following parish grade equivalent scale has been implemented as of the 2011-2012 school year:

A=100%-90% B=89%-80% C=79%-70% D=69%-60% F=59% & Below I=Incomplete**

*For students whose average is below 60%, a minimum grade of 60% shall be assigned at the end of the first, second, & third quarters. For the fourth quarter and exams, students may be assigned the actual percentage grade earned.

**An incomplete grade must be rectified before the end of the next reporting period or, in extenuating circumstances, before the beginning of the next school year.

Grades shall be recorded and reported both with numerals and letters. In a Non-LEAP Class, each reporting period grade will be valued at 25% of the student's final grade. For LEAP classes each quarter is 20% of the student's grade and the LEAP test counts for 20% of the student's final grade.

To more accurately and fairly determine GPA for college entrance purposes, students in honors and AP courses receive additional points added to each grade reporting period and the exam grade. Students who earn an A receive 7 additional points; students who earn a B receive 5 additional points; students who earn a C receive 3 additional points. Students receive no additional points if they earn a D or an E.

To determine each student's Grade Point Average (GPA) for graduation, the final numeric average for each course is added together and divided by the total number of credits attempted.

LEAP 2025

For incoming **freshmen in 2017-2018** and beyond, students must meet the assessment requirements below to earn a diploma. Students must pass one test at the end of the course in each of the following categories:

- | | |
|----------------------------|-------------------------------|
| 1) English I or English II | 3) Biology I or US History |
| 2) Algebra I or Geometry | 4) Civics (9th entering 2024) |

CREDITS EARNED AT SCHOOLS OTHER THAN DHS

There are a number of opportunities for students to earn high school credits at schools other than DHS. These opportunities include summer enrichment programs at colleges, enrollment in New Orleans Center for Creative Arts, Dual Enrollment, and others.

DHS students do not need permission to enroll in these programs, but if a student wishes to earn credit toward high school graduation, he/she must complete a request form (available in the DHS Counseling Office) and have approval from the principal. The request form must be completed and approved by the principal *before* the student enrolls in the program if the student wants to earn high school credits.

REPORT CARDS

Each term has four grading periods. Report cards are distributed at the end of B1, B2, B3, and B4 terms. Academic progress reports are given to all students half way through each reporting period. The purpose of this report is to advise parents of the academic progress each student is making in each class.

PRINCIPAL'S SCHOLAR

According to the guidelines established by this school, a student must have earned all A's in each reporting period in order to qualify as a Principal's Scholar. A student who is honored as a Principal's Scholar is recognized at the Academic Awards Night at the end of the school year.

HONOR ROLL

According to the guidelines established by this school, a student must have earned all A's and B's in order to qualify for the honor roll.

SUMMER SCHOOL/CREDIT RECOVERY

Counselors may enroll students in the following summer learning opportunities:

1. Credit Recovery:
 - Students must have previously earned a final course grade of a “D” or “F” to be eligible for credit recovery.
 - A total of seven (7) credit recovery credits is allowed per student during their high school career.
 - Refer to the Pupil Progression Plan (PPP) policy and procedure for credit recovery for more information.
2. Initial credit:
 - Students must have their principal’s permission to enroll in an initial credit course.
3. LEAP Remediation:
 - Free LEAP Remediation for any of the LEAP tested courses is offered for students preparing for summer LEAP testing.

Students may earn and/or recover a maximum of two (2) credits each summer. Only select courses are offered during the summer program. The summer program will be held at either Destrehan or Hahnville High School each summer.

Please see your counselor to register for the summer program or for additional information.

STUDENTS TRANSFERRING FROM ANOTHER SCHOOL

Since many school districts use letter grades rather than numeric grades, Destrehan High School uses the following grade conversion scale: A+ = 100% A = 95% A- = 90%, B+ = 89% B = 85% B- = 80%, C+ = 79% C = 75% C- = 70%, D+ = 69% D = 65% D- = 60%, F = 59%

Only students who are enrolled in Destrehan High School for their Junior and Senior years are eligible for Valedictorian or Salutatorian honors at graduation.

If a student registers without bringing appropriate records (clearance form or previous report card) the school will not be held responsible for the student being scheduled incorrectly.

LHSAA ELIGIBILITY RULES

In order to be ELIGIBLE in the Spring Semester:

Students must pass 3 classes in the Fall Semester (no required GPA necessary)

In order to be ELIGIBLE in the Fall Semester:

Students must pass 6 classes throughout the school year with a 1.5 average.

The National Collegiate Athletic Association (NCAA) has established the following requirements for student athletes entering college:

1. The athlete must have completed a core curriculum of at least 16 academic core courses
2. The athlete must have attained a minimum ACT and GPA combination. See your counselor for the various combinations.

SENIOR REQUIREMENTS

FAFSA COMPLETION: Louisiana Department of Education requires students to complete the Free Application for Federal Student Aid (FAFSA) to receive TOPS. funding.

EARLY RELEASE POLICY: The early release program involves those students, who because of extraordinary circumstances, are part- time students. Seniors may enroll as early release students under the following guidelines:

1. The student must have earned a minimum of 17 credits towards graduation.
2. The student must fill out an early release form to be signed by the counselor and parent, and approved by the principal.
3. The student's academic, discipline, and attendance records will be reviewed by the principal before permission for early release is granted.
4. The student must have a job or attend college.
5. After signing out with the Attendance Office, all early release students must exit campus.
6. Early release students must show IDs to the parking lot monitor.

GRADUATION CEREMONY PARTICIPATION: Participation in the Destrehan High School Graduation ceremony is a privilege, not a right. All graduating seniors must meet the following criteria in order to participate in the graduation ceremony.

Students must have met all requirements for high school graduation.

Students must have met St. Charles Parish attendance requirements for all classes during the senior year. Excessive absences must have been appealed and approved.

Students must not be tardy or absent for graduation practice. When attending graduation ceremony practice, all dress code rules must be followed.

Students must participate in the graduation practice in order to participate in the graduation ceremony.

Students not participating in the graduation ceremony can pick up their diploma on a date after graduation.

RECOGNITION AT GRADUATION:

Valedictorian/Salutatorian - Gold Stole, seated on stage.

Academic Honors Diploma - White Stole and preferential designated seating

Beta - Black Stole

National Honor Society - Blue Stole

National English Honor Society - Medallion

Cum Laude Graduates- Summa Cum Laude (98.5% - 107% GPA) – Gold Cord

Magna Cum Laude (94.5% - 98.4%) – Silver Cord

Cum Laude (89.5% - 94.4%) – White Cord

IBC cords-colors will vary based on credential level

SPECIAL ACADEMIC PROGRAMS

ADVANCED PLACEMENT PROGRAM: Advanced Placement courses offer students the opportunity to do college-level work while still in high school. These courses are available to academically qualified students in the tenth, eleventh and twelfth grades. **Upon completion of an AP course, the student must take the nationally administered AP examination in May.** Depending upon performance on the examination, the student may receive from three to twelve hours of college credit for each examination. This makes it possible for a student to enter college at or near the sophomore level. All AP level classes at Destrehan are College Board approved courses.

Advanced Placement courses are currently Art History, Computer Science A, Computer Science Principles, Music Theory, World History, English III Language and Composition, English IV Literature and Composition, American History, Calculus, Biology II, Environmental Science, Studio Art, Human Geography, and Psychology. AP courses are considered the highest level courses in the curriculum. Open selection will be used for enrollment. Honor courses are excellent preparation for Advanced Placement Courses.

HONORS PROGRAM: Honors/AP level courses offer students the opportunity to pursue course content in greater depth. Honors courses are offered in English I and II, Alg
Algebra II, Geometry, Pre-Calculus, Calculus, Civics, Physical Science, Biology, and Chemistry. These courses are excellent preparation for Advanced Placement courses.

Students entering the program for the first time must complete an Advanced Studies application. The student should have scored Mastery or Advanced on the 8th grade LEAP, have an A or B in a prerequisite or related course, have the recommendation of the teacher of the prerequisite course, and have his/her parent's approval. Once the student is accepted in the Advanced Studies Program, she/he must maintain a final grade of C. Students who score 85th percentile or, above on standardized tests, earn A's and B's in core classes, and have good teacher recommendations are invited to participate in Honors/AP courses.

DUAL ENROLLMENT: To provide local school systems with an overview of the newly passed Board of Regents dual enrollment policy which ensures the quality and transferability of dual enrollment courses for 2018–2019 and beyond.

Dual Enrollment (DE) is the enrollment of a high school student in a college course for which dual credit (both college and high school credit) is attempted and recorded on both the student's secondary and postsecondary academic record. A college course offered for Dual Enrollment is: (1) an on-site or online college course taught by the postsecondary institution, or (2) a specially scheduled college course taught at the high school. Postsecondary institutions must adhere to Board of Regents Policy and must comply with all accreditation requirements for awarding credit.

COURSE CONTENT, RIGOR

Collaborative agreements between secondary and postsecondary institutions for the delivery of dual enrollment courses should address curricular oversight and rigor, faculty standards, and student mix, specifically indicating that dual credit courses are clearly at the collegiate level and reflect the standards of postsecondary work.

- Student outcomes listed on the syllabus, midterms, and finals must, at minimum, be identical to what is offered and expected on the college campus. Variations in the syllabus may be allowed to accommodate the needs of the high school or the matching high school course, but such variations cannot negatively impact student outcomes, midterms, or finals in the college-credit course.

- Assignments, midterms, and finals must be graded at a college level for the college credit, regardless of course delivery method, location, instructor, facilitator or process. Grades awarded may differ between what is on the secondary transcript and what is on the postsecondary transcript if the HS measures differ from those of the college/university.

- Academic (General Education/transfer) courses must be listed on the Master Articulation Matrix, with the Common Course Number listed on the syllabus so that students will know where and how the course will transfer.

STUDENT ELIGIBILITY

In order to enroll in a DE course, the following requirements must be met.

- Classified 11th or 12th grader
- 2.5 minimum unweighted GPA
- ACT or PreACT English score of 18 or higher (for college courses in English, History, Humanities, Languages, Arts, Gen. Biology)
- ACT or PreACT Math score of 19 or higher (for college courses in Math, Sciences, Gen. Biology)

PERFORMANCE BASED PROGRAMS: The Performance Based Program (PB) is an academic program designed for students who desire a high school diploma but have not experienced success in a traditional classroom setting. Students benefiting from PB are those who can work independently, are over aged, and have an interest in attending a post-secondary institution. Entrance into the program is by application, screening, and pretesting. Once accepted into PB, students are enrolled in the Jump Start Diploma option which includes an academic and elective component.

PB students are provided individualized courses designed to foster academic success and develop career ready skills. Instruction is provided through a blended model of teacher-directed lessons and computer-based learning. Individual counseling is provided on an as-needed basis. Students must also pass the required LEAP2025 exams in order to graduate.

To satisfy the elective component of the Jump Start Diploma, students must select one of five career pathways for JumpStart or 11 for JumpStart 2.0 and identify 9 elective credits within the pathway. Through their elective courses, students are also required to earn a collection of state and/or regional credentials in order to graduate. Finally, students must pass two credits of Health and PE/ROTC.

Performance Based Students are working towards the attainment of a State of Louisiana, Destrehan High School Diploma. Please contact the counseling office for additional information.

HiSET (High School Equivalency Diploma): Obtaining a high school equivalency credential may be a viable option for an over-age, under-credited student based on their unique needs and individual circumstances. This credential can position an over-age, under-credited student for a career or continued education. Committee approval is required.

SPECIAL EDUCATION: The Special Education department at Destrehan High utilizes the Louisiana State Department of Education's Bulletin 1508 to determine student eligibility for services.

Academically Gifted: Students who have been identified as *academically gifted* can receive gifted services through Independent Study and specialized ELA and math classes. Through these courses, gifted students will set goals and pursue their individual interests under the guidance of a teacher of the gifted.

Talented: Students who possess demonstrated abilities that give evidence of talent in visual or performing arts and who have been identified according to Bulletin 1508 guidelines are eligible to schedule classes in Talented Art , Talented Music, and Talented Drama.

Programs for Students with Disabilities: Some students with identified disabilities are addressing minimum standards to earn Carnegie units. A resource teacher is available to these students throughout the day to provide tutorial assistance as needed. Students who follow an alternative curriculum are challenged according to their abilities. Their courses focus on strengthening basic skills, which are reinforced by training in the community. Vocational training is available on campus through several vocational courses and work experiences. Students also travel off campus to work either in a mobile work crew, on-the-job training, or independent employment. During the student's final year, a conference is held with the student, the parents, and a representative from vocational rehabilitation. This is to finalize the levels of support the student may need from outside agencies, and to ensure a smooth transition from school to the world of work.

Adapted Physical Education, Speech and Language Therapy, Physical Therapy, Occupational Therapy, and Counseling are also available as specified on the student's IEP.

HOSPITAL/HOMEBOUND: The St. Charles Parish School Board provides a homebound teacher for any student enrolled at DHS who, as a result of physical illness, accident, or pregnancy is unable to attend school. Certification by a physician is necessary. Parents or guardians may secure an application for homebound instruction from the St. Charles Parish School Central Office.

SATELLITE CENTER

The center is designed to offer state of the art facilities and hands-on instruction for courses such as: Advanced Television Broadcasting, ProStart, Dance, Digital Media, Engineering Design, Health Career Exploration, Patient Care, HRT (Hotel, Restaurant, and Tourism) Administration, Interactive Media, Process Technology (PTEC), Instrumentation, Educators Rising, Technical Theatre, Air Conditioning and Refrigeration, and Sculpture and Ceramics, Studio Piano, EMR, Medical Assistant.

See your counselor or the course description for details.

SCHEDULING PROCEDURES

Each year, every student updates his/her Individual Graduation Plan with a counselor. Information in the 5 year plan is used on the student's initial schedule request. In the spring, each student/parent is given a copy of the schedule request for possible changes and final parental approval. All courses in the course catalog may be offered, but only those courses that have sufficient enrollment and a certified teacher will be taught the following year. All students must register for eight classes and select three alternate courses unless they have been approved for early release.

Since the master schedule is based upon the students' schedule requests and needs, the courses requested are considered FINAL. Requests for course changes will be honored only for the following reasons:

- The course prerequisite has not been met
- The student needs a certain course for graduation
- The student is enrolled in a course that he/she already passed
- The student moved to JumpStart and no longer needs to take the TOPS course requested

CAREER PLANNING AND SCHEDULING

To help students choose a career path, the counseling department offers each grade level the opportunity to learn about the career decision making process. The counselors and School-to-Career office provides all students with the following information and opportunities:

Grade 9

Complete Individual Graduation Plan & schedule

Individual parent-student-counselor conferences to complete the IGP

Quest For Success

Freshman Bulletin

Advisory

Grade 10

Complete Individual Graduation Plan & schedule

Pre ACT

Satellite Center Visit

Sophomore Bulletin

Advisory

Grade 11

Complete Individual Graduation Plan & schedule

PSAT, ACT, WorkKeys, ASVAB

Junior Bulletin

College and Career Prep Night

Advisory

Grade 12

Weekly Senior Bulletin

Financial Aid Presentation

ACT, WorkKeys, ASVAB

College and Career Prep Night

Campus Visits

Scholarship Information

FAFSA Completion

Advisory

College and Career Diploma Options

Choose one option:



TOPS University (college diploma)	JumpStart TOPS Tech (career diploma)
<u>English- 4 Units</u> English I(9) English II(10) English III English IV <u>Math- 4 Units</u> Algebra I(9) Geometry(10) Algebra II Algebra III <u>Science- 4 Units</u> Physical Science Biology(10) Chemistry Chemistry II, Biology II, Environmental Science (9), or Physics <u>Social Studies- 4 Units</u> Civics (9) World Geography(10) US History World History <u>PE/Health</u> Physical Education I or JROTC I(8/9) Physical Education II (.5) AND Health (.5) or JROTC II(10) <u>Foreign Language</u> (2 units of the same language) Spanish I(10) <u>Arts Elective OR Fine Arts Survey</u> (1 unit) Draft (10) <u>Electives</u> (3 units) General Tech (9), Quest for Success (9) Intro BCA(10)	<u>English- 4 Units</u> English I English II English III or Business English English IV or Technical Writing <u>Math- 4 Units</u> Algebra I Math Essentials Financial Literacy Business Math or Applied Geometry <u>Science- 2 Units Completed By 10th Grade</u> Biology 1 unit from the following: Environmental Science, Physical Science, Chemistry I, or Physics <u>Social Studies- 2 Units Completed by 10th Grade</u> Civics US History World History <u>PE/Health Completed By 10th Grade</u> Physical Education I or JROTC I Physical Education II (.5) AND Health (.5) or JROTC II <u>Jump Start Pathway Elective Courses- 9 units</u> REQUIRED ELECTIVE: Quest for Success A sequence of 8 similar electives which leads to earning a work-ready credential. <u>Work-Ready Capstone Credential</u> A State-Approved Industry-Based Certification
Total Units = 24	Total Units = 23

<u>This option prepares a student for:</u> - Entrance into a 4-year university after graduation. - Earning a TOPS Scholarship based on Core GPA and ACT Composite: - Honors (3.5+ and 27 ACT) - Performance (3.25+ and 23 ACT) - Opportunity (2.50+ and 20 ACT)	<u>This option prepares a student for:</u> - Entrance into a 2-year college or vocational school; students may transfer into a 4-year university upon completion of an associate's degree. - Earning the TOPS Technical Scholarship upon meeting minimum requirements: Core GPA of 2.50, ACT 17 composite, WorkKeys Silver. - Workforce placement after graduation.
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Sample 4-Year High School Schedule:

**Schedules will be completed with the student's school counselor.*

FRESHMAN YEAR - Non-Honors				SOPHOMORE YEAR - Non-Honors			
1	English I	5	Env. Science	1	English II	5	Biology I
2	Algebra I	6	Civics	2	Geometry	6	World Geography
3	PE I	7	Art, Dance, Music	3	PE II & Health	7	Spanish I
4	Quest for Success	8	Elective in Pathway	4	Elective in Pathway	8	Elective in Pathway

FRESHMAN YEAR - Honors				SOPHOMORE YEAR - Honors			
1	English I - H	5	Biology I - H	1	English II - H	5	AP Environmental Science
2	Geometry - H	6	Civics - H	2	Algebra II - H	6	AP Human Geography
3	PE I	7	Art, Dance, Music	3	PE II & Health	7	Spanish I
4	Elective in Pathway	8	Elective in Pathway	4	Elective in Pathway	8	Elective in Pathway

**At the end of the sophomore year, eligible students may opt in to a JumpStart diploma pathway.*

TOPS DIPLOMA JUNIOR YEAR				TOPS DIPLOMA SENIOR YEAR			
1	AP English III or DE English	5	Spanish II	1	AP English IV or DE English	5	DE or Pathway Elective
2	Pre-Calc - H	6	DE or Pathway Elective	2	DE College Algebra	6	DE or Pathway Elective
3	US History (AP)	7	DE or Pathway Elective	3	DE or AP Science	7	DE or Pathway Elective
4	Chemistry I (DE)	8	DE or Pathway Elective	4	DE or AP Social Studies	8	DE or Pathway Elective

JUMPSTART JUNIOR YEAR				JUMPSTART SENIOR YEAR			
1	Business English	5	DE or Pathway Elective	1	Technical Writing	5	DE or Pathway Elective
2	Business Math	6	DE or Pathway Elective	2	Financial Literacy	6	DE or Pathway Elective
3	US History	7	DE or Pathway Elective	3	DE or Pathway Elective	7	DE or Pathway Elective
4	DE or Pathway Elective	8	DE or Pathway Elective	4	DE or Pathway Elective	8	DE or Pathway Elective

**In the senior year, students may participate in an early, work-release program in lieu of dual enrollment courses ONLY if the Industry-Based Credential requirement is met.*

Architectural Drafting & The Construction Trades

JumpStart to Workforce (after specialized training)	JumpStart to Community/Technical College or Advanced Training	TOPS to University Degree
Basic Drafter	Energy, Telecommunications, Utility Line Worker	Professional Architect
Forklift Operator Diesel Mechanic	Carpenter, Electrician, HVAC Tech, Plumber, Pipefitter, Welder (Helper or Apprentice)	Structural Engineer
Construction Materials Crew	Construction/Project Manager; Code Inspector	Systems Safety Engineer
Lawn care/Landscaping	Land Surveyor Technician	Professional Surveyor

School-to-Work Pathways Offered at DHS		
Drafting	Carpenter Level 1	Electrical Level 1
HVAC Technician	Welder Level 1	

Work-Ready Industry Credentials We Offer in the Pathway:

- NCCER Helper Modules: Carpentry, Electrical, or Welding
- NCCER Level 1 Certification: Carpentry, Electrical, or Welding
- EPA Section 608-Universal Certification (HVAC)
- Autodesk Revit
- Autodesk Certified User in AutoCAD
- Autodesk Inventor Certified User

Locally Connected Training Programs Beyond High School:

- **Associated Builders and Contractors (ABC), St. Rose, LA**
 - Advanced NCCER Levels in Carpentry, Electrical, Pipefitting, Plumbing, & Welding
- **Fletcher Community College, Houma, LA**
 - Certified Line Worker 8-Week Apprenticeship Program
- **Gulf Coast Carpenters & Millwrights Training Trust Fund, Metairie, LA**
 - Carpenter, Interiors, Cabinetry, Millwright, Floor Layer, Lather, Pile Driver Apprenticeship Programs
- **Gulf Coast Safety Council, St. Rose, LA**
 - OSHA Training
- **Louisiana CAT - Skill Up 26, Reserve, LA**
 - Diesel Engine/Mechanic Technical 26-Week Training Program
- **Louisiana Lift & Equipment Inc., St. Rose, LA**
 - Forklift Operation Licensing Training
- **River Parishes Community College, Reserve, LA**
 - Associate's Degree or Technical Diploma in Drafting and Design
 - Technical Diploma in Air Conditioning & Refrigeration (HVAC)

University College Credit Courses We Offer in the Pathway (Tuition-Free):

- Chemistry 101 & 102
 - College Algebra
 - English 101 & 102
 - General Biology I (for science majors)
 - Intro to Engineering
 - Intro to Statistics
 - Physics Labs I & II
 - Pre-Calculus: Trigonometry
 - Psychology 101
 - Spanish 101, 102, & 201
- *additional university coursework available thru off-campus Dual Enrollment program*

Technical College Credit Courses We Offer in the Pathway (Tuition-Free):

Domestic Refrigeration Certificate of Technical Studies (29 hours) = via River Parishes Community College:

- NCCER Core Curriculum: Introductory Craft Skills (*required upon entry*)
- Electrical Fundamentals
- Electrical Components
- Electric Motors
- Applied Electricity & Troubleshooting
- HVAC Intro
- Principles of Refrigeration I, II, and III
- Domestic Refrigeration

Universal JumpStart Pathway Courses:

Mandatory JumpStart Course - Quest for Success

Customer Service	Entrepreneurship* I, II	Gen. Technology	NCCER Core	Speech I
Educator Rising (2 cr)	Financial Literacy**	IBCA	Principles of Business*	Virtual Workplace Experience
Emergency Medical Responder (2 cr)	Foreign Language I, II	Law Studies	JROTC I, II	

**Denotes either/or course, not both.*

***If the course is not being used to satisfy grad requirements.*

Pathway Electives:

Advanced Technical Drafting	Architectural Drafting	Basic Wood Technology	GIS Entry Level I	NCCER Electrical I (2 cr)
Advanced Wood Technology	Basic Electricity I	Digital Media I (2 cr)	Intro to Engineering Design (PLTW)	NCCER Welding Tech I, II
AC/Refrigeration I, II, III, IV	Basic Technical Drafting	Engineering Design I, II (2 cr each)	NCCER Carpentry I (2 cr)	<i>*NCCER Core through Gen. Tech</i>

Communications & The Arts

JumpStart to Workforce <i>(after specialized training)</i>	JumpStart to Community/Technical College or Advanced Training	TOPS to University Degree
Photographer/Videographer	Video Production Asst.	Broadcaster/Video Producer
Audio/Visual Technician	Digital/Visual Content Creator	Film/Video Editor
Print Shop Technician	Computer Animator	Entertainment Producer
Basic Drafter/3-D Modeler	Website Designer/Developer	VR/Immersive Media Designer
Set Builder/Prop Designer/Costumer	Video Game Designer/Artist	Professional Graphic Designer
Professional Artist: Actor, Artist, Dancer, Musician <i>(determined by talent program)</i>		

School-to-Work Pathways Offered at DHS		
Communications, Broadcasting & Videography	Digital & Interactive Media	Performing Arts: Dance, Music, Theatre
Technical Theatre	Visual Arts; Graphic Art & Design	

Ready-to-Work Industry Credentials We Offer in the Pathway:

- Adobe Certified Professional in After Effects, Dreamweaver, Illustrator, Photoshop, or Premiere-Pro
- Adobe Certified Professional in Video Design, Visual Design, or Web Design
- Fundamentals of JavaScript, Functional Programming, and Web Development - Level 1
- Fundamentals of JavaScript, Functional Programming, and Web Development- Level 2
- Autodesk Certified User in AutoCAD
- Autodesk Inventor Certified User
- FAA Part 107: Small Unmanned Aircraft Operations (Drones)

College Credit Courses We Offer in the Pathway (Tuition Free):

- Chemistry 101 & 102
- College Algebra
- English 101 & 102
- Intro to Statistics
- Intro to TV Production
- Pre-Calculus: Trigonometry
- Psychology 101
- Spanish 101, 102, & 201
- **additional university coursework available thru off-campus Dual Enrollment program*

Universal JumpStart Pathway Courses:

Mandatory JumpStart Course - Quest for Success

Customer Service	Entrepreneurship* I, II	Gen. Technology	NCCER Core	Speech I
Educator Rising (2 cr)	Financial Literacy**	IBCA	Principles of Business*	Virtual Workplace Experience
Emergency Medical Responder (2 cr)	Foreign Language I, II	Law Studies	JROTC I, II	

****Denotes either/or course, not both.***

*****If the course is not being used to satisfy grad requirements.***

Pathway Elective Courses:

Advanced TV Broadcast (2 cr)	<u>Band</u> : Beginning, Intermediate, & Advanced	<u>Drafting</u> : Basic, Advanced, & Architectural	NCCER Carpentry I (2 cr)	TV Production I
Advanced Java, HTML, CSS - Level 2 online	<u>Choir</u> : Beginning, Intermediate, & Advanced	Fine Arts Survey	Operation Spark: Internet of Things online	Technical Theatre (2 cr)
AP Art -2D, 3D, Drawing	Dance I, II	Fundamentals of Java, HTML, CSS - Level I	Operation Spark: Video Game Programming online	Theatre Design & Technology (2 cr)
AP Computer Science A and Computer Science Principles	Digital Graphics	<u>G/T</u> : Music I-IV, Studio Art Design I-IV, and Theatre I-IV		
Art I- IV	Digital Media I, II (2 cr)	Interactive Media I, II (2 cr)	Speech II	Yearbook I, II

Health Care Sciences

JumpStart to Workforce (after specialized training)	JumpStart to Community/Technical College or Advanced Training	TOPS to University Degree
	Emergency Medical Technician or Paramedic	Pre-Medicine:Medical Doctor/Physician/PA
Certified Clinical Medical Assist. Or Nursing Assist.	Licensed Practical Nurse	Registered Nurse or Nurse Practitioner
Dental Assistant	Dental, Pharmacy, or Lab Technician	Doctor of Dentistry
Pharmacy Assistant	Medical Records Technician	Registered Pharmacist
Ambulance Driver	Athletic Trainer	Hospital Administration

School-to-Work Pathways Offered at DHS

Certified Clinical Medical Assistant (CCMA)	Emergency Medical Responder (GPA 2.0+)	Nursing: Pre-LPN
Nursing: Pre-RN	Patient Care	Sports Medicine

Ready-to-Work Industry Credentials We Offer in the Pathway:

- Emergency Medical Responder (GPA 2.0+)
- GIS - Entry Level Technician Certification
- Certified Clinical Medical Assistant

College Credit Courses We Offer in the Pathway (Tuition Free):

CCMA Coursework (26 hours) = Certificate of
Technical Studies thru River Parishes Community
College:

**Pass the CCMA Certification test*

- Intro to Health Professionals
- Medical Terminology for Health Careers
- Clinical Procedures I
- Clinical Procedures II
- Administrative Procedures
- Phlebotomy
- Pharmacology for Medical Assistants
- Medical Assistant Externship &

UNIVERSITY DE COURSES

- Chemistry 101 & 102
- College Algebra
- English 101 & 102
- General Biology I for Science Majors
- Intro to Statistics
- Pre-Calculus: Trigonometry
- Psychology 101
- Spanish 101, 102, & 201
- **additional coursework in Nursing via Delgado's Dual Enrollment program*

Ochsner Nursing Pre-Apprenticeship Program: Pre-RN & Pre-LPN

- Opt in to the program during the fall semester of sophomore year with minimum GPA of 2.5
- Maintain a minimum unweighted GPA of 2.5
- Participate in 4-6 online Touchpoint meetings throughout the school year
- Take specific dual enrollment courses are scheduled in the junior & senior years
- Graduate high school, complete a certification, and enter the Ochsner Nursing Apprenticeship
- **Students pursuing a Bachelor of Science in Nursing upon high school graduation will opt out of the program in the spring of senior year.*



Pre-RN (must meet BESE eligibility requirements for academic Dual Enrollment)



Pre-LPN (all English and Math final course grades must be a "C" or higher)

Universal JumpStart Pathway Courses:

Mandatory JumpStart Course - Quest for Success

Customer Service	Entrepreneurship* I, II	Gen. Technology	NCCER Core	Speech I
Educator Rising (2 cr)	Financial Literacy**	IBCA	Principles of Business*	Virtual Workplace Experience
Emergency Medical Responder (2 cr)	Foreign Language I, II	Law Studies	JROTC I, II	

**Denotes either/or course, not both.*

***If course is not being used to satisfy grad requirements.*

Pathway Electives:

Advanced Nutrition & Food	Certified Medical Asst. I, II, III, IV	Human Body Systems	Principles of Biomedical Sciences	
Allied Health Sciences I, II, III	Chemistry II - DE	Medical Terminology	Psychology - DE	
Biology II - DE or AP Biology II	Family and Consumer Sciences I	Patient Care I	Sports Medicine I, II, III	

Human Interaction & Operations

JumpStart to Workforce <i>(after specialized training)</i>	JumpStart to Community/Technical College or Advanced Training	TOPS to University Degree
Daycare Worker	Cosmetologist/Barber	Professional Educator
Sales Associate	Real Estate Agent	Psychologist/Sociologist
Customer Service Rep	Human Resources Assistant	Business Management
Administrative Assistant	Paralegal	Lawyer
Dispatcher: Police, Fire, Ambulance	Police Officer/Firefighter	Criminal Investigator
Line Cook	Prep Cook	Chef
Front Desk Worker	Food Service Manager	Hotel/Restaurant Manager

School-to-Work Pathways Offered at DHS		
Business, Marketing, & Sales	Cosmetology	Culinary Arts, Hospitality & Tourism
Education & Human Development	Law, Criminal Justice, Public Safety & Corrections	Psychology & Sociology

Ready-to-Work Industry Credentials We Offer in these Pathways:

- Customer Service & Sales
- LA Micro-Enterprise Regional & Statewide
- Business of Retail: Operation & Profit
- Guest Services Professional
- Certified Hospitality & Tourism Management, Year II
- ServeSafe Manager and Handler
- ProStart National Certificate of Achievement
- Emergency Medical Responder
- MicroSoft Office Specialist - Powerpoint, Word, And Excel
- Geographic Information System - Entry Level Tech.

College Credit Courses We Offer in these Pathways (Tuition Free):

- Chemistry 101 & 102
- College Algebra
- English 101 & 102
- General Biology I for Science Majors
- Intro to Education
- Intro to Statistics
- Pre-Calculus: Trigonometry
- Psychology 101
- Spanish 101, 102, & 201

Technical College Credit Courses We Offer in these Pathways (Tuition Free):

- Barber I (via Delgado Community College)
- Cosmetology I (via Delgado Community College)

Universal JumpStart Pathway Courses:

Mandatory JumpStart Course - Quest for Success

Customer Service	Entrepreneurship* I, II	Gen. Technology	NCCER Core	Speech I
Educator Rising (2 cr)	Financial Literacy**	IBCA	Principles of Business*	Virtual Workplace Experience
Emergency Medical Responder (2 cr)	Foreign Language I, II	Law Studies	JROTC I, II	

**Denotes either/or course, not both.*

***If the course is not being used to satisfy grad requirements.*

Business Management, Marketing & Sales Pathway Electives:

Advanced JavaScript - Level 2	Barber I	Digital Graphics	Fundamentals of JavaScript-Level I	ProStart I, II (2 cr each)
Advanced Technical Drafting	Basic Technical Drafting	Digital Media I, II (2 cr each)	HRT I, II (2cr each)	Web Design
Advanced TV Broadcast (2 cr)	Cosmetology I			

Culinary Arts, Hospitality & Tourism Pathway Electives:

Advanced Nutrition & Food	Digital Media I, II (2 cr each)	Nutrition & Food	Psychology	Yearbook I, II
Advanced TV	Family and Consumer	ProStart I, II	Web Design	

Broadcast (2 cr)	Science I	(2 cr each)		
Digital Graphics	HRT I, II (2cr each)			

Human Services Pathway Electives:

Barber I	Cosmetology I	Family and Consumer Science I	Psychology - DE	Yearbook I, II
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Law, Public Safety, & Corrections Pathway Electives:

Advanced JavaScript - Level 2	Criminal Justice I	GIS Entry Level I	Psychology	
Advanced Technical Drafting	Cybersecurity	JROTC III, IV		

Industrial Manufacturing & Process Technology

JumpStart to Workforce (after specialized training)	JumpStart to Community/Technical College or Advanced Training	TOPS to University Degree
Electrical or Instrument Technician Trainee	Electrical or Instrument Technician	Electrical Engineer
Oil Rig or Wind Turbine Laborer	Process Technician	Industrial Plant Safety Supervisor
Gen. Warehouse Worker	Industrial Maintenance Technician	Industrial Maintenance Supervisor
Rigger	Heavy Equipment or Crane and Tower Operator	Operations Supervisor

School-to-Work Pathways Offered at DHS		
Geographical Information Systems (GIS)	Industrial Maintenance & Mechanics	Industrial Safety
Instrumentation Technology	Process Technology	Transportation & Logistics

Ready-to-Work Industry Credentials We Offer in the Pathway:

- AutoDesk Revit
- AutoDesk Certified User in AutoCAD
- AutoDesk Inventor Certified Eser
- NCCER Helper Modules in Electrical, Instrumentation, or Welding
- GIS Entry Level I
- NCCER Level I in Electrical, Instrumentation, or Welding

College Credit Courses We Offer in the Pathway (Tuition Free):

- Chemistry 101 & 102
- College Algebra
- Engineering Physics Labs I & II
- English 101 & 102
- Intro to Engineering
- Intro to Statistics
- Pre-Calculus: Trigonometry
- Psychology 101
- Spanish 101, 102, & 201
- **additional university coursework available thru off-campus Dual Enrollment program*

Technical College Credit Courses We Offer in the Pathway (Tuition Free):

Instrumentation Technology:

- Electrical Systems & Equipment
- *Two-year degree program courses available at RPCC-Reserve Campus*

Process Technology:

- Intro to Process Technology
- Plant Safety
- *Two-year degree program courses available at RPCC-Reserve Campus*

Universal JumpStart Pathway Courses:

Mandatory JumpStart Course - Quest for Success

Customer Service	Entrepreneurship* I, II	Gen. Technology	NCCER Core	Speech I
Educator Rising (2 cr)	Financial Literacy**	IBCA	Principles of Business*	Virtual Workplace Experience
Emergency Medical Responder (2 cr)	Foreign Language I, II	Law Studies	JROTC I, II	

****Denotes either/or course, not both.***

*****If course is not being used to satisfy grad requirements.***

Pathway Electives:

Advanced Technical Drafting	Basic Technical Drafting	GIS Entry Level I	NCCER Instrumentation Level I	Process Technician I, II
AC/Refrigeration I, II	Engineering Design I, II (2 cr each)	Intro to Engineering Design (PLTW)	NCCER Welding Technology I, II	Process Instrumentation I, II @ RPCC
Basic Electricity	<i>FIRST</i> Robotics I, II, III, IV	NCCER Electrical Level I	Principles of Engineering (PLTW)	

Science, Technology, Engineering, & Mathematics **Non-JumpStart*

Workforce (after specialized training)	Community/Technical College or Advanced Training	TOPS to University Degree
General Contracted Laborer	Plant Operations Technician	Engineering: Chemical, Electrical, Environmental, or Mechanical
Software Tester	Computer Programmer	Software Engineer
Data Entry Specialist	Cybersecurity Specialist	Data Analyst
General Fabricator	Robotics Process Specialist	Robotic Simulation Engineer

School-to-College Pathway Courses Offered at DHS		
Computer Science	Cybersecurity	Engineering
Information Technology	Robotics Technology	

Ready-to-Work Industry Credentials We Offer in the Pathway:

- GIS Entry Level 1
- Fundamentals of JavaScript, Functional Programming, & Web Development - Level 1
- Fundamentals of JavaScript, Functional Programming, & Web Development - Level 2
- MicroSoft Office Specialist - Powerpoint, Word, AND Excel

College Credit Courses We Offer in the Pathway (Tuition Free):

- Chemistry 101 & 102
- College Algebra
- Engineering Physics Labs I & II
- English 101 & 102
- General Biology I for Science Majors
- Intro to Engineering
- Intro to Statistics
- Pre-Calculus: Trigonometry
- Psychology 101

●

- Spanish 101, 102, & 201

**additional university coursework available thru off-campus Dual Enrollment program*

DHS JUMPSTART 2.0 ELECTIVE COURSES WITH CORRESPONDING PATHWAY CREDENTIALS

Advanced Food & Nutrition	Advanced Java, HTML, CSS - Level 2	Advanced TV Broadcast	
<u>Applicable Pathway:</u> Hospitality & Tourism <u>Industry-Based Credentials:</u> ServSafe Manager ServSafe Handler	<u>Applicable Pathways:</u> Arts, A/V Technology & Communication Business Management Information Technology Law, Public Safety, Corrections & Security <u>Industry-Based Credentials:</u> Advanced-Level 2*	<u>Applicable Pathways:</u> Arts, A/V Technology & Communication Business Management Information Technology <u>Industry-Based Credentials:</u> Adobe Premiere-Pro Adobe After-Effect Video Design Specialist*	
Certified Clinical Medical Assistant	Culinary Arts	Customer Service	
<u>Applicable Pathway:</u> Health Sciences <u>Industry-Based Credentials:</u> Certified Clinical Medical Assistant Certificate of Technical Studies*	<u>Applicable Pathway:</u> Hospitality & Tourism <u>Industry-Based Credentials:</u> ProStart National Achievement WITH ServSafe Protection Manager	<u>Applicable Pathways:</u> Business Management Hospitality & Tourism <u>Industry-Based Credentials:</u> Customer Service & Sales	
Digital Graphics	Digital Media I, II	Drafting (Basic & Advanced)	
<u>Applicable Pathways:</u> Arts, A/V Technology & Communication Business Management Information Technology <u>Industry-Based Credentials:</u> Adobe Photoshop Visual Design Specialist*	<u>Applicable Pathways:</u> Arts, A/V Technology & Communication Business Management Information Technology <u>Industry-Based Credentials:</u> Adobe Photoshop Adobe Illustrator Visual Design Specialist*	<u>Applicable Pathways:</u> Architecture & Construction Communication & The Arts Manufacturing Transportation & Logistics <u>Industry-Based Credentials:</u> Autodesk Revit Autodesk/AutoCAD Autodesk Inventor*	

Emergency Medical Responder	Entrepreneurship I	Operation Spark - Level 1	
<u>Applicable Pathways:</u> Health Sciences Human Services Law, Public Safety, Corrections & Security <u>Industry-Based Credentials:</u> Certified Clinical Medical Assistant Certificate of Technical Studies* Emergency Medical Responder (EMR)	<u>Applicable Pathways:</u> Business Management Hospitality & Tourism <u>Industry-Based Credentials:</u> LA Micro-Enterprise-Regional	<u>Applicable Pathways:</u> Arts, A/V Technology & Communication Business Management Information Technology Law, Public Safety, Corrections & Security <u>Industry-Based Credentials:</u> Fundamentals-Level 1	
Geographic Information System (GIS)	General Technology	Hospitality, Restaurant & Tourism I, II	
<u>Applicable Pathways:</u> Agriculture & Natural Resources Architecture & Construction Business Management Health Sciences Hospitality & Tourism Information Technology Law, Public Safety, Corrections & Security Manufacturing Transportation & Logistics <u>Industry-Based Credentials:</u> GIS - Entry Level I Technician	*Course credit is applicable in ALL pathways. <u>Industry-Based Credentials:</u> NCCER Core <i>*Required Prerequisite for any NCCER Course: Carpentry, HVAC, Instrumentation, & Welding</i>	<u>Applicable Pathways:</u> Hospitality & Tourism <u>Industry-Based Credentials:</u> Certified Guest Service Professional Certified Hospitality and Tourism Management, Year II	
HVAC/Refrigeration I-IV	IBCA	Interactive Media I, II	
<u>Applicable Pathways:</u> Architecture & Construction <u>Industry-Based Credentials:</u> EPA Section 608 Certification Certificate of Technical Studies via RPCC*	<u>Applicable Pathways:</u> Business Management Information Technology <u>Industry-Based Credentials:</u> MOS: Word, PowerPoint & Excel	<u>Applicable Pathways:</u> Arts, A/V Technology & Communication Business Management Information Technology <u>Industry-Based Credentials:</u> Adobe Illustrator Visual Design Specialist*	

NCCER Carpenter I	NCCER Instrumentation I	NCCER Welding I, II	
<u>Applicable Pathways:</u> Architecture & Construction <u>Industry-Based Credentials:</u> NCCER Carpenter Helper NCCER Carpenter Level 1	<u>Applicable Pathway:</u> Manufacturing <u>Industry-Based Credentials:</u> NCCER Instrumentation Helper NCCER Instrumentation Level I	<u>Applicable Pathways:</u> Architecture & Construction Manufacturing <u>Industry-Based Credentials:</u> NCCER Welder Helper NCCER Welder Level 1	
Principles of Business	TV Production		
<u>Applicable Pathways:</u> Business Management Hospitality & Tourism <u>Industry-Based Credentials:</u> Business of Retail: Operations & Profit Customer Service & Sales	<u>Applicable Pathways:</u> Arts, A/V Technology & Communication Business Management Information Technology <u>Industry-Based Credentials:</u> Adobe Premiere-Pro Video Design Specialist*		

*Denotes an Advanced Credential

NOTE: Students following the Jumpstart 2.0 Diploma Option will need to earn at least ONE of the above credentials, along with 9 elective course credits that align with that same pathway. The following are non-credentialing Universal Courses, and count in all pathways.

Educator Rising	Financial Literacy*	Foreign Language I, II	Law Studies	JROTC III, IV
Speech I	Virtual Workplace Exp.	REQUIRED JumpStart Course: Quest for Success		

Students who graduate from an approved high school located outside of the U.S. may also qualify for a TOPS Opportunity Award with an ACT score of 23 or higher, provided a parent(s) of the dependent student was actively engaged in work or other activity on behalf of a Louisiana employer or sponsor and actually lived in Louisiana for at least the 24-months preceding the date the work or activity outside the U.S. began, and must have remained a Louisiana resident through the date of the student's graduation from high school.

13- Unless the recipient of an award is ineligible for federal grant aid, a FAFSA must be filed annually to be received by the state deadline of July 1.

14- Students who fail to maintain a 3.00 GPA revert to the Opportunity Award.

15- Provided that the period of ineligibility did not extend for more than two years.

16- Recipients may pursue an academic degree or technical diplomas or both, but may not exceed the award limit.

17 - Any student who successfully completes an academic undergraduate degree in less than the eight semesters of eligibility may receive any remaining award benefits if the student enrolls in a postgraduate academic program at an eligible institution and continues to meet all academic and other requirements for continuation of the award.

SATELLITE CENTER Course Information

Course	Grade	Prerequisite	Dual Enroll	IBC	Credit
Arts, AV Technology & Communication Pathway					
Advanced TV Broadcasting I	11 -12	TV Production I or Satellite Center/ TV Prod instructor recommendation		Premiere Pro After Effects	2
Advanced TV Broadcasting II	11 -12	Advanced Television Broadcasting I			2
Dance 1	9-12	None *Note can count for PE			1
Dance II	9-12	Dance I or Teacher audition *Note can count for PE/and Health(Edgenuity can be added)			1
Digital Media I	11 -12	Talented Art, AP Studio Art, Digital Graphics , or Satellite Center Instructor recommendation		Illustrator	2
Digital Media II	11 -12	Digital Media I			2
Interactive Media I	11 -12	Art II, III, IV, Computer Science, Digital Graphics, Operation Spark		Photoshop	2
Interactive Media II/Internship – Application Required Transportation Required Certification Required	12	Internship Application and completed one of the following courses - Interactive Media, Digital Media, Advanced TV Broadcasting I, or Operation Spark.			2
Studio Piano	9-12	None			1
Sculpture and Ceramics	9-12	None			2
Technical Theatre	9-12	None			2
Theatre Design and Technology	9-12	None			2
Cybersecurity (PLTW)	10-12	Computer Science I, Op Spark or AP Computer Science		Comp TIA Security+	2
Applied Science & Technology Pathway					
Engineering Design I Engineering Design II H Physics (5QP) (concurrent with Engineering Design I, II) Principles of Engineering (concurrent with Engineering Design II)	12 12 12 12	Overall GPA of 2.5- Math and Science Overall GPA of 2.75, 19 Math ACT and completed or currently enrolled (Fall Semester) Advanced Math/Algebra III *The Engineering/Physics Classes are a full year and include 4 classes embedded throughout the year. It requires a yearlong commitment	UNO PHYS 1063 PHYS 1065 ENGR 1000		1 1 1 1
Air Conditioning and Refrigeration I	11-12	NCCER Core	RPCC HAVR 1150	EPA 608	1
NCCER Instrumentation I & II	11-12	NCCER Core	RPCC INST 1016 CPTR 1013 -	Instrumentation Level I	2
Process Technology (PTEC) I & II	11-12	2.0 GPA and Physical Science or Environmental Sci	RPCC PTEC 1010/2030 CPTR 1013	CTC Process Technology	2
NCCER Industrial Maintenance Mechanic	11-12	NCCER Core		NCCER Industrial Maintenance Mechanic I	2
Education & Human Development Pathway					

Educators Rising and STAR I	10 - 12	10th - Spring Semester Only - must qualify for DE (credits (junior)/GPA)	SELU EDCI 1010		1 & 1
Educators Rising II and CTE Intern	12	Education Rising I	EDES 1500	Micro-credentials	1 & 1
Health Science Pathway					
PLTW Human Body Systems -	10-12	Biology/Principles of Biomedical <i>*Note will add one additional credit in Human Anatomy and Physiology at completion</i>			1 1
Emergency Medical Responder (EMR)	11 or 12	GPA 1.85, 16 years of age, be proficient in reading, writing and speaking English, passed/enrolled in Biology I/have a state ID LA Dept of Health Requirements		EMR	2
Medical Assisting Medical Assisting II	12 12	Background Check, Screening, Medical Assisting I, all vaccinations This class requires a yearlong commitment and contract. Must complete fall semester with a C or better in each course to continue	RPCC- CTS MA (26 credit hours)	CCMA	4 4
Patient Care I/Medical Terminology	11 -12	None	RPCC HLTH 1002	EKG	1 & 1
Hospitality & Tourism Pathway					
ProStart I/Culinary Arts I	11 -12	Food and Nutrition or HRT I		ServSafe	2
ProStart II/Culinary Arts II	11 -12	Culinary Arts I/ProStart I		Prostart	2
HRT (Hotel, Restaurant, Tourism) Administration I	11 -12	Meet Dual Enrollment requirements or Counselor Rec with 2.0 or C+ in English I and II Courses	Delgado HOST 101 HOST 103	Guest Service Prof & Certified Hospitality and Tourism	2
Transportation, Distribution and Logistics					
Introduction to Aviation Industry	9 -12	None		FAA Part 107A	2
Introduction to Logistics and Supply Chain Management	10 -12	None		Certified Logistics Associate or Tech	2
GIS (Geographical Information Systems)	11 -12	None		Geographic Information Sysem	2
New Course Descriptions					

COURSE LIST BY DEPARTMENT

AIR FORCE JROTC COURSES				
COURSE	GRADE LEVEL	PREREQUISITE	COST**	CREDIT
JROTC 100/ROTC HEALTH	10-12	NONE	\$20	1
JROTC 200	10-12	NONE	\$20	1
JROTC 300	11-12	NONE	\$20	1
JROTC 400	12	NONE	\$20	
JROTC 410	12	NONE	\$20	1
JROTC HEALTH	9	NONE	\$20	1
**Covers uniforms, travel, and equipment for student use.				

ART COURSES				
COURSE	GRADE LEVEL	PREREQUISITE	COST**	CREDIT
AP ART HISTORY	9-12	NONE	NONE	1
AP ART STUDIO	9-12	ART IV, SCREENING	\$40	1
ART I	9-12	NONE	\$40	1
ART II	10-12	ART I	\$45	1
ART III	10-12	ART I	\$45	1
ART IV (HONORS)	10-12	ART I. II. III	\$45	1
STUDIO ART-G/T	9-12	TALENTED ID	\$50	1-4
THEATER-G/T	9-12	TALENTED ID	\$25	1-4
MUSIC-G/T	9-12	TALENTED ID	NONE	1-4
**Teachers purchase supplies and materials necessary for class projects.				

BUSINESS COURSES				
COURSE	GRADE LEVEL	PREREQUISITE	COST**	CREDIT

CUSTOMER SERVICE	10-12	NONE	\$5	1
DIGITAL GRAPHIC	10-12	NONE	\$10	1
ENTREPRENEURSHIP	9-12	NONE	\$2	1
INTRO TO BUSINESS COMPUTER APPLICATIONS	10-12	NONE	\$5	1
PRINCIPLES OF BUSINESS	9-12	NONE	\$2	1
**Teachers purchase supplies and materials necessary for class projects.				

COMMUNICATION COURSES				
COURSE	GRADE LEVEL	PREREQUISITE	COST**	CREDIT
FILM LITERACY	11-12	NONE	\$3	1
TELEVISION PRODUCTION I	10-12	NONE	\$25	1
**Teachers purchase supplies and materials necessary for class projects.				

FAMILY AND CONSUMER SCIENCE COURSES				
COURSE	GRADE LEVEL	PREREQUISITE	COST**	CREDIT
FAMILY AND CONSUMER SCIENCES I	9-12	NONE	\$30 (additional supplies needed for projects)	1
FOOD AND NUTRITION/ADV FOOD AND NUTRITION	10-12	NONE	\$25	1
**Teachers purchase supplies and materials necessary for class projects.				

ENGLISH COURSES				
COURSE	GRADE LEVEL	PREREQUISITE	COST**	CREDIT
INTENSIVE ENGLISH I	9	NONE	NONE	1
ENGLISH I	9	NONE	NONE	1
ENGLISH I-HONORS	9	NONE	NONE	1
ENGLISH II	10	ENGLISH I	NONE	1
ENGLISH II-HONORS	10	ENGLISH I HONORS	NONE	1

ENGLISH III	11	ENGLISH II	NONE	1
ENGLISH III-AP	11	ENGLISH II HONORS	NONE	1
BUSINESS ENGLISH	11	ENGLISH II	NONE	1
ENGLISH IV	12	ENGLISH III	NONE	1
ENGLISH IV-AP	12	ENGLISH II-AP	NONE	1
TECHNICAL WRITING	12	BUSINESS ENGLISH OR ENGLISH III	NONE	1
QUEST FOR SUCCESS	9-12	NONE	NONE	1
YB PUBLICATIONS I	10-12	SCREENING	\$20	1
YB PUBLICATIONS II	11-12	SCREENING	\$20	1
**Teachers purchase supplies and materials necessary for class projects.				

FOREIGN LANGUAGE COURSES				
COURSE	GRADE LEVEL	PREREQUISITE	COST**	CREDIT
SPANISH I	10-12	ELA	NONE	1
SPANISH II	10-12	SPANISH I	NONE	1
SPANISH III-DE	11-12	SPANISH II	NONE	1
SPANISH IV-DE	11-12	SPANISH III-DE	NONE	1
**Teachers purchase supplies and materials necessary for class projects.				

HEALTH AND PHYSICAL EDUCATION COURSES				
COURSE	GRADE LEVEL	PREREQUISITE	COST**	CREDIT
ATHLETIC PE	9-12	MEMBER OF ATHLETIC TEAM	UNIFORM PURCHASE	1
ATHLETIC PE-FOOTBALL	9-12	MEMBER OF BASEBALL	UNIFORM PURCHASE	1
ATHLETIC PE-BASEBALL	9-12	MEMBER OF FOOTBALL	UNIFORM PURCHASE	1
HEALTH-FRESHMAN FOOTBALL	9	NONE	NONE	1
PE I	9-12	NONE	\$20	1

PE II AND HEALTH	10-12	PE I	\$20	1
PE III-RECREATIONAL SPORTS	11-12	PE II	\$20	1
**Teachers purchase supplies and materials necessary for class projects.				

MATHEMATICS COURSES				
COURSE	GRADE LEVEL	PREREQUISITE	COST**	CREDIT
MATH ESSENTIALS 9	9	Approaching Basic on LEAP	NONE	1
ALGEBRA I	9	none	NONE	1
GEOMETRY	10	ALGEBRA I	NONE	1
GEOMETRY HONORS	9-10	ALGEBRA I	NONE	1
MATH ESSENTIALS	10-12	ALGEBRA I	NONE	1
ALGEBRA II	11	GEOMETRY	NONE	1
ALGEBRA II HONORS	10-11	GEOMETRY HONORS	NONE	1
FINANCIAL LITERACY	11-12	ALGEBRA I AND MATH ESSENTIALS	NONE	1
BUSINESS MATH	11-12	ALGEBRA I AND MATH ESSENTIALS	NONE	1
ALGEBRA III	11-12	ALGEBRA II	NONE	1
COLLEGE ALGEBRA DE	11-12	ALGEBRA II	NONE	1
PRE-CALCULUS HONORS	11-12	ALGEBRA II HONORS	NONE	1
TRIGONOMETRY-DE	11-12	COLLEGE ALGEBRA DE	NONE	1
CALCULUS HONORS	11-12	PRE-CALC HONORS	NONE	1
CALCULUS-AP	12	CALCULUS HONORS	NONE	1
STATISTICS-DE	11-12	COLLEGE ALGEBRA DE	NONE	1
COMPUTER SCIENCE "A" AP	11-12	COMPUTER SCIENCE PRINCIPLES AP	NONE	1
**Teachers purchase supplies and materials necessary for class projects.				

MUSIC COURSES				
COURSE	GRADE LEVEL	PREREQUISITE	COST**	CREDIT
CONCERT CHOIR SOPRANOS AND ALTOS	9-12	NONE	\$25	1
CHOIR-BEGINNING TENOR AND BASS	9-12	NONE	\$25	1
SHOW CHOIR ADVANCED	9-12	AUDITION	\$25	1
CHOIR TREBLE ADVANCED SOPRANO AND ALTO	9-12	AUDITION	\$25	1
CHOIR INTERMEDIATE TENORS AND BASS	9-12	NONE	\$25	1
FESTIVAL CHOIR	9-12	BEGINNING CHOIR	\$25	1
***Plus uniform rental, costuming fees, festival and/or competitions (when applicable)				

SCIENCE COURSES				
COURSE	GRADE LEVEL	PREREQUISITE	COST**	CREDIT
ENVIRONMENTAL SCIENCE	9	NONE	NONE	1
BIOLOGY I	10	ENVIRONMENTAL SCIENCE	NONE	1
CHEMISTRY I	11	ENROLLED IN ALGEBRA II	NONE	1
ENVIRONMENTAL SCIENCE AP	10	BIOLOGY I HONORS	NONE	1
PHYSICS	11-12	ALGEBRA II	NONE	1
PHYSICAL SCIENCE	10-12	NONE	NONE	1
BIOLOGY I (HONORS)	9	LETTER OF INTENT + SCREENING	NONE	1
CHEMISTRY I (HONORS)	11	ENROLLED IN ALGEBRA II	NONE	1
CHEMISTRY I DE	11-12	SOUTHEASTERN DE REQUIREMENTS	NONE	1
CHEMISTRY II DE	11-12	SOUTHEASTERN DE REQUIREMENTS	NONE	1
BIOLOGY II AP	11-12	C IN BIOLOGY I; C IN CHEMISTRY I	NONE	1
BIOLOGY II DE	11-12	SOUTHEASTERN DE REQUIREMENTS	NONE	1

INTRO TO ENGINEERING DESIGN	9-12	ALGEBRA I		1
PRINCIPLES OF BIOMEDICAL SCIENCE	9-12	NONE	\$25	1
SPORTS MEDICINE I / II	10-12	BIOLOGY I	\$25	1
SPORTS MEDICINE III	10-12	SPORTS MED I / II	\$25	1
**Teachers purchase supplies and materials necessary for class projects.				

SOCIAL STUDIES				
COURSE	GRADE LEVEL	PREREQUISITE	COST**	CREDIT
CIVICS	9	NONE	NONE	1
WORLD GEOGRAPHY	10	NONE	NONE	1
US HISTORY	11	NONE	NONE	1
WORLD HISTORY	12	NONE	NONE	1
CIVICS HONORS	9	SCREENING	NONE	1
HUMAN GEOGRAPHY AP	10	SCREENING	NONE	1
US HISTORY AP	11	SCREENING	NONE	1
WORLD HISTORY AP	11	SCREENING	NONE	1
AMERICAN GOVERNMENT (STUDENT COUNCIL I)	10-12	SCREENING	NONE	1
ECONOMICS (STUDENT COUNCIL II)	11-12	SCREENING	NONE	1
PSYCHOLOGY	10-12	NONE	NONE	1
PSYCHOLOGY AP	11-12	SCREENING	NONE	1
PSYCHOLOGY DE	11-12	SOUTHEASTERN DE REQUIREMENTS	NONE	1
**Teachers purchase supplies and materials necessary for class projects.				

TECHNOLOGY EDUCATION COURSE

COURSE	GRADE LEVEL	PREREQUISITE	COST**	CREDIT
GENERAL TECHNOLOGY	9-10	NONE	\$10	1
BASIC WOOD TECHNOLOGY	10-12	GENERAL TECHNOLOGY EDUCATION	\$10	1
BASIC ELECTRICITY	10-12	ALGEBRA I	\$20	1
BASIC TECHNICAL DRAFTING	9-12	ALGEBRA I	FLASH DRIVE	1
WELDING I	11-12	GENERAL TECHNOLOGY EDUCATION	\$15	1
ADVANCED WOOD	11-12	BASIC WOOD TECHNOLOGY	\$10+WOOD	1
ADVANCED DRAFTING	11-12	BASIC TECHNICAL DRAFTING	FLASH DRIVE	1
WELDING II	11-12	WELDING I	\$15	1
INDUSTRIAL ELECTRONICS I	11-12	COMPUTER EXPERIENCE	\$20	1
ELECTRICAL I	11-12	BASIC ELECTRICITY	\$20	1
CARPENTRY	12	BASIC WOOD TECHNOLOGY	\$20	1
**Teachers purchase supplies and materials necessary for class projects.				

NON-DEPARTMENTAL COURSES				
COURSE	GRADE LEVEL	PREREQUISITE	COST**	CREDIT
INDEPENDENT STUDY GIFTED	9-12	SCREENING	NONE	0
OFFICE AIDE	12	SCREENING	NONE	0

COURSE DESCRIPTIONS – ALPHABETICAL

ADVANCED BAND (MARCHING BAND): This course focuses primarily on the study of basic fundamentals and the advancement of these fundamentals for quality performance with the DHS Marching Band. After school rehearsals and performances are required. All woodwind or brass players wishing to participate in band at DHS must enroll in this class. Students wishing to participate must also attend summer rehearsals. Offered in the Fall only.

PREREQUISITE: Screening GRADE LEVEL: 9-12 FEE: \$100 plus other fees. CREDIT: 1-4

ADVANCED BAND (PERCUSSION MARCHING BAND): This course focuses on the basic percussion fundamentals and the advancement of these fundamentals for the quality performance with the DHS Drumline. Beginners are welcome. After school rehearsals and performances are required. All percussionists (Drummers) wishing to participate in band at DHS must enroll in this class. All students wishing to participate must also attend summer rehearsals. Offered in the Fall only.

PREREQUISITE: Screening GRADE LEVEL: 9-12 FEE: \$100 plus other fees CREDIT: 1-4

ADVANCED BAND (SYMPHONIC): This course focuses on the study of basic fundamentals and the advancement of these fundamentals for quality performance with the Marching Band. After school rehearsal is required. All wind players wishing to participate in band must enroll in this class.

PREREQUISITE: Screening GRADE LEVEL: 9-12 FEE: \$100 plus other fees CREDIT: 1-4

ADVANCED CHORUS (FESTIVAL): Advanced singing skills and music theory are presented in this course, within the framework of historically significant choral music. At least 2 concerts are presented each year. The group participates in all events sponsored by the Louisiana Music Educators Association. After school practice is required, but will be infrequent. Fees are required for uniforms, festivals, out-of-town travel, and other choir related events. Fundraising is also required. PREREQUISITE: Beginning choir or prior choral experience. Audition and/ or written approval by the director GRADE LEVEL: 9-12 FEE: \$25 plus the cost of uniforms CREDIT: 1-4

ADVANCED CHORUS (SHOW): The DHS show choir is composed of a highly selected group of young men and women. Students must audition in April to be able to schedule the class in the fall semester. Students in the Show Choir are expected to perform in the school musical and be the leaders of the choir. This is our top performing group. After school practices are required and students must be able to attend all performances. Open to 9-12 graders.

PREREQUISITE: Must have prior choir class experience either at DHS or in your prior school GRADE

LEVEL: 9-12 FEE: \$25 plus the cost of uniforms CREDIT: 1

ADVANCED TELEVISION BROADCASTING I: This is a project-based course designed to prepare students for more advanced television production utilizing studio and field production techniques. Students working individually as well as in teams will gain experience in all phases of studio and field production including multi-camera production, video editing, graphics, lighting and audio. Students will work toward becoming Adobe Premiere Pro. The course is designed around real world situations. Students will develop the ability to produce professional projects for real world clients. The course is intended to allow students to think creatively while meeting client expectations. Students must complete 25 hours of teacher-approved work in addition to the instruction time. **This course is a Satellite Center course and is taught at the Performing Arts Center.** PREREQUISITE: TV Production I or Satellite Center instructor recommendation.

GRADE LEVEL: 11-12 FEE: None CREDIT: 2 Location: Satellite Center

ADVANCED TELEVISION BROADCASTING II: Advanced Television Broadcasting II is a continuation of Advanced TV Broadcasting I which expands student's technical skills. Students working individually, as well as in teams, will gain experience related to short film production, documentaries, news/sports journalism, music videos and PSA/Commercials. Students will have the opportunity to become Adobe Premiere Pro, a state approved industry based certification. Students must complete 25 hours of teacher approved work in addition to their instructional time. In addition, students are provided the opportunity to earn Dual Enrollment at Southeastern University (COMM 257 - 3 college credits). **This course is a Satellite Center course and taught at the Performing Arts Center.** Through the course students have the opportunity to earn an Industry Based Certification of Adobe Premiere Pro.

PREREQUISITE: Advanced TV Broadcasting I GRADE LEVEL: 11-12 FEE: None CREDIT: 2 Location: Satellite Center

ADVANCED WOOD TECHNOLOGY: This is a course designed for students interested in improving their knowledge and experiences dealing with the materials, tools, and processes used in the manufacture of wood products. Students will design, plan, and build projects.

PREREQUISITE: Basic Wood GRADE LEVEL: 10-12 FEE: \$10 + wood for any project that exceeds \$2

AFJROTC I/HEALTH (Fall and Spring Semesters): Leadership Education (LE-100/500) (Qtrs 1 & 2) introduces cadets to the Air Force Junior ROTC Program, providing a basis for progression through the rest of the JROTC program while instilling the elements of good citizenship, ESPECIALLY discipline. It contains sections on cadet and Air Force organizational structure; uniform wear; customs and courtesies; **health and wellness** (Louisiana JUMP CPR/AED/First Aid standards); fitness; individual self-control; basic drill; and civics/citizenship. Aerospace Studies (AS-100) (Qtrs 3 & 4) covers the history of aviation and the people who made that happen. Basic aerospace sciences on the mechanics of flight will be discussed. The ***Air Force Wellness Program*** (Presidential Fitness Program) is initiated, and consists of Friday physical fitness and classroom instruction on health. FEE: \$20.00 (Used for uniforms, travel, & equipment); CREDIT: 1 (AFJROTC 100 substitutes for the state requirement of Health & PE)

***AFJROTC II (Fall and Spring Semesters):** Aerospace Studies (AS-220) explains the concept of global awareness and the importance of being aware of global trends. Advanced technology has impacted on the global economy in which China, India, Pakistan and other developing nations are now having a major cultural and economic impact on the world. It is essential we adapt to the rapid changes in the global economy to sustain the economic stability of the United States. The Leadership Education (LE-200/500) program stresses communications skills: Effective communications, understanding groups, solving conflicts, and leadership communications. Drill continues; the *Air Force Wellness Program*, an important part of good citizenship training now and as adults, continues as physical fitness training on Fridays.

PREREQUISITE: GRADE LEVEL: FEE: \$20.00 (Used for uniforms, travel, & equipment); CREDIT: 1
AFJROTC II can substitute for the requirement of Physical Education II

***AFJROTC III (Fall and Spring Semesters):** Leadership Education (LE 300/500) introduces junior level cadets to the life skills necessary to function in adult society. It teaches how to gain college entrance, the college environment, and job placement. It addresses technical and vocational schooling for those directly entering the workforce. Also addressed are the financial challenges of adulthood: Banking, automobile expenses, insurance, housing, mortgages, bills and family life. Advanced drill is led by the 300-level cadets. Aerospace Education (AS) 300 teaches about the space environment, basic astronomy, the solar system, deep space, the sciences required for space travel, and space travel history. The *Air Force Wellness Program*, an important part of good citizenship training now and as adults, takes place as physical fitness training on Fridays. PREREQUISITE: GRADE LEVEL: FEE: \$20.00 (Used for uniforms, travel, & equipment)
CREDIT: 1 (AFJROTC III can substitute for the requirement of Physical Education II)

***AFJROTC 200 and 300 alternate each year.**

AFJROTC IV (Fall and Spring Semesters): Leadership Education (LE 400/500) and Aerospace Studies (AS 400) both dwell on the *command and good conduct of the Destrehan High School LA-932 Junior ROTC Corps of Cadets* by the cadet officers, especially the seniors. The fundamentals of strong management are taught, then exercised, by the cadets. The *Air Force Wellness Program*, an essential part of good citizenship now and as adults, is conducted as physical fitness on Fridays. PREREQUISITE: GRADE LEVEL: 11-12 FEE: \$20.00 (Used for uniforms, travel, & equipment); CREDIT: 1 (AFJROTC IV can substitute for the requirement of Physical Education II)

AFJROTC V (Fall and Spring Semester): The Air Force JROTC Survival Program is derived from Air Force Instruction 64-4, Survival Training. The program instructs cadets in survival skills, knowledge and attitudes necessary to survive under a variety of environmental conditions. It also provides basic first aid techniques useful in outdoor situations. This information is critical for those who enjoy camping, hunting, and hiking in all weather conditions. The *Wellness Program*, an important element of survival training, will consist of physical training on Fridays. PREREQUISITE: GRADE LEVEL: FEE: \$20.00 (Used for uniforms, travel, & equipment for student use); CREDIT: 1

AFRICAN AMERICAN STUDIES: This elective course examines the role of African-Americans in United States history. The course begins with an introduction to the history and culture of West Africa

before 1600 and continues from the Slave Era (1500-1865) to the Reconstruction and Jim Crow Era (1865-1945) and ends with the Civil Rights Movement (1945-present) and exploration of current issues. Connections to the rich history of St. Charles Parish and Louisiana are included.

PREREQUISITE: Civics Grade level: None Credit: 1 Fee: None

AIR CONDITIONING/REFRIGERATION I (RPCC, St. Charles Parish):

This introductory course provides information needed to prepare individuals to enter the Air Conditioning and Refrigeration Industry. Includes basic safety and health, inventory control, stock management, vehicle maintenance, licensure, certification requirements, and basic business management practices. This course is dual-enrolled with River Parish Community College. Students will earn an industry-based credential in EPA Section 608 Certification. This course is offered at the Satellite Center.

PREREQUISITE: NCCER Core Grade Level: 11-12 Fee: None CERTIFICATION: EPA Section 608

AIR FORCE JROTC HEALTH: ROTC HEALTH is a one-half credit course which covers all state curriculum requirements for health education and is offered in a ROTC leadership education environment. All Air Force JROTC courses will include a wellness curriculum aimed at encouraging cadets to lead active, healthy lifestyles. Included in the curriculum will be physical fitness activities, developing workout plans, and diet and nutrition. The leadership education environment includes mandatory wear of the AFJROTC uniform and participation in flight drill and teamwork exercises each week.

PREREQUISITE: None GRADE LEVEL: 9-12 FEE: \$20.00 (Not required if enrolled in any other JROTC course during the academic year.); CREDIT: 1/2 (Paired with JROTC I)

ALGEBRA I LEAP 2025: This course includes the study of understanding quantities, variability, and change; writing and solving linear equations, linear functions and their graphs, rates of change, linear inequalities, systems of linear equations, systems of linear inequalities, nonlinear functions and graphs, operations with polynomial expressions and equations including adding, subtracting, multiplying, and factoring, sequences, modeling and analyzing data, and statistics. Students take the LEAP 2025 Exam at the completion of this course. PREREQUISITE: none GRADE LEVEL: 9 FEE: None CREDIT: 1

ALGEBRA II: Algebra II extends an application of skills mastered in Algebra I to more complex algebraic problems. Topics included in the course are properties of real numbers, operations with rational and irrational expressions, operations with polynomial expressions and equations including adding, subtracting, multiplying, dividing, and factoring, sequences, exploring families of functions, analyzing graphs of functions, quadratic and polynomial equations, operations with rational and irrational exponents, and simplifying, adding, and multiplying radicals and rationales, logarithms, exponential functions, trigonometry, and statistics. PREREQUISITE: Algebra I GRADE LEVEL: 10-11 FEE: None, TI-84 Graphing Calculator is recommended CREDIT: 1

ALGEBRA II HONORS: This course focuses on the application and extension of traditional Algebra II topics such as graphing and solving quadratic equations, real numbers, operations with rational and irrational expressions, operations with polynomial expressions including addition, subtraction, multiplication, division, and factoring, exploring families of functions, analyzing graphs of functions, quadratic and polynomial equations, operations with rational and irrational exponents, and simplifying, adding, and multiplying radicals and rationales, logarithms, exponential functions, and trigonometry. Honors involve the exploration of these functions analytically, graphically, numerically, and verbally.

PREREQUISITE: Recommendation of a grade of 85 or better in Honors Geometry GRADE LEVEL:

10-11 FEE: None, TI-84 graphing calculator recommended CREDIT: 1

ALGEBRA III: This is an extension of Algebra II. The course also prepares students for future math courses.

PREREQUISITE: Algebra II GRADE LEVEL: 11-12 FEE: None, TI-84 graphing calculator recommended CREDIT: 1

ART I-INTRODUCTION TO ART: This course introduces the student to design elements and principles and basic drawing and painting techniques with the application of drawing in various materials. The student is familiarized with various appropriate artists, styles, & techniques.

PREREQUISITE: GRADE LEVEL: 9-12 FEE: \$40 CREDIT: 1

ART II-DRAWING AND PAINTING: Art II expands on skills and concepts introduced in Art I, with a concentration in advanced techniques of drawing and painting in a variety of media such as: tempera, watercolor, acrylic paint, pencils, pastels, oil pastels, pen, and charcoal. The student is familiarized with various appropriate artists, styles, & techniques.

PREREQUISITE: Art I GRADE LEVEL: 10-12 FEE: \$45 CREDIT: 1

ART III-DIMENSIONAL ART AND GRAPHIC DESIGN: Art III expands on the skills and concepts introduced in Art I. Projects are completed in 3 - dimensional art and graphic design with a variety of media and techniques including: additive and subtractive sculpture, printmaking, and ceramics. The student is familiarized with various appropriate artists, styles, & techniques.

PREREQUISITE: Art I or Art II GRADE LEVEL: 10-12 FEE: \$45 CREDIT: 1

ART HISTORY-ADVANCED PLACEMENT: examines the global art world, from prehistory to the twenty-first century. Students will learn about the role art has played throughout history and across cultures. They will learn about painting, sculpture, architecture, and other forms of art as they explore cultures around the world. A strong emphasis is placed upon analysis of a work's context and function, and comparing it with similar works in the curriculum. Students are required to take the AP Art History Exam.

PREREQUISITE: GRADE LEVEL 10th GRADE or HIGHER. FEE: NONE

ATHLETIC PHYSICAL EDUCATION (BASEBALL): This athletic PE class is open to any member of the DHS baseball team. It introduces the student to basic techniques of weight conditioning, strength building, coordination, cardiovascular fitness, and baseball specific drills. The class also incorporates current technology into athletic performance.

PREREQUISITE: Must be a member of the DHS baseball team GRADE LEVEL: 9-12 FEE: Uniform CREDIT: 1-4

ATHLETIC PHYSICAL EDUCATION (FOOTBALL): This athletic PE class is open to any member of the DHS football team. It introduces the student to basic techniques of weight conditioning, strength building, coordination, cardiovascular fitness, and football specific drills. The class also incorporates current technology into athletic performance.

PREREQUISITE: Must be a member of the DHS football team. Entry into the class is subject to approval of the head football coach/ instructor. FEE: Uniform GRADE LEVEL: 9-12 FEE: CREDIT: 1

ATHLETIC PHYSICAL EDUCATION (NON-FOOTBALL): This athletic PE class is open to any member of a DHS athletic team other than football or baseball. It introduces the student to basic techniques of weight conditioning, strength building, coordination, cardiovascular fitness, and football specific drills. The class also incorporates current technology into athletic performance. PREREQUISITE: Must be a member of a DHS athletic team other than football GRADE LEVEL: 10-12 FEE: Uniform CREDIT: 1-4

BARBER I: A credentialed Delgado Community College instructor teaches this course. It is an introduction to barbering covering history, ethics, grooming, safety, and first aid. The LA Board of Barber Examiners Rules and Regulations are discussed. Types and methods of decontamination and sanitation are explained and demonstrated. Students will participate in demonstrations and simulations in various aspects of barbering.

PREREQUISITE: None Grade level: 12 Credit: 1 Fee: None

BASIC ELECTRICITY: Students in this class will learn basic electrical safety, theory, and practice hands on. Students will be exposed to both DC and AC circuits. Ohm's Law, Kirchhoff's Law, voltage, current, power, resistance, series, and parallel circuits, batteries, conductors, insulators, waveforms, opens, shorts and troubleshooting techniques are some of the topics to be covered. Circuit design and fabrication along with the basics of residential wiring will also be taught. PREREQUISITE: General Tech or currently enrolled in Robotics. GRADE LEVEL: 9-12 FEE: \$20 CREDIT: 1

BASIC TECHNICAL DRAFTING: This course is designed as a basic drawing course involving: sketching, history of drafting, use of drawing instruments, lettering, pictorial drawings, multiview drawings, dimensioning, geometric construction and sectional views. Drawings are done on a drawing board and using AutoCAD software. The drafting program is certified by the American Design and Drafting Association. PREREQUISITE: Algebra I GRADE LEVEL: 9-12 FEE: Flash Drive; CREDIT: 1

BASIC WOOD TECHNOLOGY: This is a fundamental course in woodworking emphasizing lab safety, hand and machine woodworking tools safe use and care, and project planning. Students will plan and construct small projects. Includes the study of materials used in construction, abrasives, finishing materials and supplies, joinery, and fine furniture woods.

PREREQUISITE: General Technology Education; no prerequisite if in grade 11 or 12 GRADE LEVEL: 10-12 FEE: \$10 + cost for any project that exceeds \$25 CREDIT: 1

BIOLOGY I LEAP 2025: Students develop understanding of key concepts that help them make sense of life science. The ideas are building upon student science understanding of disciplinary core ideas, science and engineering practices, and crosscutting concepts from earlier grades. There are six life science topics in high school: structure and function, inheritance and variation of traits, matter and energy in organisms and ecosystems, interdependent relationships in ecosystems, natural selection and evolution, and bacteria, viruses, and the Immune System.

PREREQUISITE: None GRADE LEVEL: 10-12 FEE: NONE CREDIT: 1

BIOLOGY I LEAP 2025 Honors: Students develop understanding of key concepts that help them make sense of life science. The ideas are building upon student science understanding of disciplinary core ideas, science and engineering practices, and crosscutting concepts from earlier grades. There are six life science topics in high school: structure and function, inheritance and variation of traits, matter and energy in organisms and ecosystems, interdependent relationships in ecosystems, natural selection and evolution, and bacteria, viruses, and the Immune System. It is designed to be a prerequisite for the AP Biology II course. Laboratory based instruction and science inquiry support biological concepts.

PREREQUISITE: none GRADE LEVEL: 9-10 FEE: NONE CREDIT: 1

BIOLOGY II ADVANCED PLACEMENT: AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions. The AP Biology course is designed to be the equivalent of two college introductory biology courses usually taken by biology majors during their first year. Students are required to take the AP test to earn college credit.

PREREQUISITE: "C" in Biology I Honors and Chemistry I Honors/DE FEE: NONE
GRADE LEVEL: 11-12 CREDIT: 1

BIOLOGY II DUAL ENROLLMENT: Biology II DE is an introductory college-level course offered through Southeastern Louisiana University. GBIO 151 is a hybrid course with all content and assessments delivered by Southeastern faculty. After the completion of this course, students will be able to describe characteristics of living things and core concepts in Biology. This course is the equivalent to the first introductory biology course for science majors in college.

PREREQUISITE: 2.5 Overall GPA, ACT composite-19 (ELA-19, Math-18)
GRADE LEVEL: 11-12 ONLY FEE: NONE CREDIT: 1

BUSINESS ENGLISH: This course provides students with the 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. Reading and writing of business documents, such as routine letters and emails, specialized letters, memoranda, brochures, articles, workplace and management books, and reports, should be emphasized. Students will develop skills in the practical principles of grammar, punctuation, and vocabulary needed in business transactions. They will also gain skill in and practice speaking, listening, and communicating nonverbally in a business environment. Suggested teaching approaches include the use of group discussion, role play, case studies, guest speakers from various business fields, and business-oriented application exercises. This course is available to students who have selected the Jump Start TOPS Tech (Career) Diploma Pathway. PREREQUISITE: English I & English II GRADE LEVEL: 11 FEE: None CREDIT: 1

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. PREREQUISITE: Financial Literacy and Math Essentials. Will not be offered after Spring of 2026.

CALCULUS: Calculus is a survey course which exposes students to a variety of math topics, building and expanding on skills and concepts taught in core math classes. Previous studies of Trigonometry, Elementary Functions, Analytic Geometry, and Mathematical Analysis are refined and extended to basic Calculus topics such as limits, continuity, and differentiation. This introductory course is primarily designed so that the student begins to develop an intuitive understanding of Calculus while experiencing its methods and application. PREREQUISITE: Grade of C or better in Pre-Calculus-Honors GRADE LEVEL: 11-12 FEE: None (Optional TI-84 graphing calculator) CREDIT: 1

CALCULUS-ADVANCED PLACEMENT: AP Calculus will be taught using the Advanced Placement curriculum and students will be eligible to take the Advanced Placement Calculus A.B. test. Students will explore topics numerically, analytically, graphically, and verbally. A.P. Calculus includes an in-depth treatment of Calculus and Analytic Geometry topics such as properties and graphs of functions, limits, continuity, derivatives, integrals, and advanced differentiation and integration of algebraic, logarithmic, trigonometric, and exponential functions. Real World Applications to be explored include curve sketching, related rates, optimization, linear approximation, marginal costs, revenue, and profit, area under a curve, Riemann sums, work, and volumes of solids of revolution. A working knowledge of TI-84 graphing calculator capabilities is expected. Students are required to take the AP test. PREREQUISITE: Grade of C or better in Calculus Pre-AP GRADE LEVEL: 11-12 FEE: NONE TI-84 graphing calculator CREDIT: 1

CALCULUS I HONORS: Honors Calculus will be taught using the Advanced Placement curriculum and students will be eligible to take the Advanced Placement Calculus course. Students will explore topics numerically, analytically, graphically, and verbally. Calculus Pre-AP will include an in-depth treatment of Calculus and Analytic Geometry topics such as properties and graphs of functions, limits, continuity, derivatives, and advanced differentiation of algebraic and trigonometric functions. Real world applications of the derivative to be explored include curve sketching, related rates, optimization, linear approximations, marginal cost, revenue, and profit. A working knowledge of T1-84 graphing calculator capabilities is expected.

PREREQUISITE: Grade of C or above in Pre-Calculus Honors GRADE LEVEL: 11-12 FEE: None, T1-84 graphing calculator CREDIT: 1

CARPENTRY: This course is designed to teach the basic skills involved in planning and constructing a simple building. The NCCER Core and Carpentry level 1 curriculum is covered.

PREREQUISITE: Basic Woodworking GRADE LEVEL: 11-12 FEE: None CREDIT: 2

CHEMISTRY I: Chemistry I focuses on the properties and reactions of matter with emphasis on real world applications. Topics include: atomic structure, the periodic table, stoichiometry, kinetics, thermodynamics, and nuclear energy. These concepts are developed through inquiry based labs, demonstrations, problem solving, and other interactive activities. Mathematical skills through algebra are used in problem solving.

PREREQUISITE: Algebra I; Concurrently enrolled in Algebra II GRADE LEVEL: 11-12 CREDIT: 1

CHEMISTRY I DUAL ENROLLMENT: Chem 101 is the first of a two semester sequence covering the following general topics: metric and temperature conversions, density, calorimetry, mixtures/compounds/elements, chemical and physical properties, structure of the atom and electron configuration, periodic table, bonding, chemical formulas and nomenclature, moles, stoichiometry, chemical reactions, gas laws, and properties of gases, liquids and solids. PREREQUISITES: GPA of at least 2.5 and a math ACT score of 19 or greater GRADE LEVEL: 11-12 ONLY FEE: None CREDIT: 1

CHEMISTRY II DUAL ENROLLMENT: Chem 102 is a continuation of Chemistry 101 covering topics such as: solutions, concentrations (% composition and molarity), acids/bases, pH, buffers, kinetics, equilibrium, solubility, oxidation/reduction, nuclear chemistry, and an introduction into organic chemistry and biochemistry.

PREREQUISITE: GPA of at least 2.5 and a math ACT score of 19, Credit in Chem 101 Fee: None GRADE LEVEL: 11-12 ONLY CREDIT: 1

CHORUS BEGINNING (Soprano and Alto LADIES ONLY): This course introduces students to small and large group singing with an emphasis on developing vocal technique, sight-reading skills, and an understanding of music theory. Members of this group will rehearse year long after school one day a week.

PREREQUISITE: None GRADE LEVEL: 9-12 FEE: \$25 plus uniform rental CREDIT: 1

CHORUS BEGINNING MEN'S (Tenor and Bass ONLY): This course emphasizes student and performance of chorus consent music for lower-pitched voices and voices that are in the process of changing to a lower register. Students will learn sight-reading skills and vocal technique. It is recommended for students with male voices, especially those new to singing, who are interested in discovering their voice within a safe environment. Members of this group will rehearse one day a week year-long after school and sing with the choir.

PREREQUISITE: None GRADE LEVEL: 9-12 FEE: \$25 plus uniform rental CREDIT: 1

CHORUS INTERMEDIATE MEN'S (tenor and bass ONLY): This course emphasizes study and performance of chorus concert music for lower-pitched voices and voices that are in the process of changing to a lower register. Student will learn sight-reading skills and vocal technique. It is recommended for students with male voices, especially those

PREREQUISITE: Approval by the choral director and at least 1 semester of prior choral experience (May include audition). GRADE LEVEL: 10-12 FEE: \$25 plus the cost of the uniform CREDIT: 1

CIVICS: Civics is designed to give the student basic knowledge of local, state, and federal government structure, election procedures, and the American economy.

PREREQUISITE: None GRADE LEVEL: 9-12 FEE: None CREDIT: 1

CIVICS HONORS: Allows students to examine American legal and political systems in order to become informed decision-makers and responsible citizens in an interdependent world. Students will become aware of their rights and responsibilities under the law as well as understanding the foundations and consequences of political decision making at the local, state, and federal levels. The course provides the foundation for a study of the history and evolution of the American political system. Students will examine great works of literature to gain a perspective of classical political dogma and its function in modern American political science. Students will also study the American economic system which includes both macro and microeconomics.

PREREQUISITE: Screening GRADE LEVEL: 9-12 FEE: None CREDIT: 1

COLLEGE ALGEBRA-DUAL ENROLLMENT: This course is for students who want to earn university credit for College Algebra. 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. The coursework is completed through Math XL and the course is facilitated by a Destrehan teacher. The course content and due dates are set by Southeastern.

PREREQUISITE: 11th or 12th Grade, ACT Composite 19, English 18 AND Math 19 sub scores. Students should have successfully completed with a C or higher Algebra I, Algebra II, and Geometry. Calculator TI-30XIIS.

COMPUTER SCIENCE “A” ADVANCED PLACEMENT: AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. While it is strongly recommended that students take Computer Science Principles first, students who have strong programming backgrounds are welcomed to take the course. Students are required to take the AP test.
PREREQUISITE: B or above in Algebra I. RECOMMENDED: Computer Science Principles. GRADE LEVEL: 10-12 FEE: None CREDIT: 1

COMPUTER SCIENCE ESSENTIALS (PLTW): Computer Science Essentials exposes students to a diverse set of computational thinking concepts, fundamentals, and tools, allowing them to gain understanding and build confidence. Students use visual, block based programming and seamlessly transition to text-based programming with languages such as Python® to create apps and develop websites, and learn how to make computers work together to put their design into practice. They apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them.
PREREQUISITE: None Grade level: 9-12 Credit: 1 Fee: (None)

COMPUTER SCIENCE PRINCIPLES ADVANCED PLACEMENT: The AP Computer Science Principles course is designed to be equivalent to a first semester introductory college-computing course. In this course, students will learn computational solution design, algorithm and program development, abstraction in programming, and code analysis. Students will also explore computing innovations and responsible computing. The class is strongly recommended before students take AP Computer Science A. Anyone can take this course but students must be aware that will be many mathematical concepts explored in the course. Students are required to take the AP test which includes a portfolio to be completed before the class ends.
RECOMMENDED: C or above in Algebra I GRADE LEVEL: 9-12 FEE: None CREDIT: 1

COSMETOLOGY I: A credentialed Delgado Community College instructor teaches this course, and students may earn college credit at Delgado for successful completion of this course. It is an introduction to cosmetology covering history, ethics, grooming, safety, and first aid. The LA State Board of Cosmetology Rules and Regulations are discussed. Types and methods of decontamination and sanitation are explained and demonstrated. Students will participate in demonstrations and simulations in various aspects of cosmetology.
PREREQUISITE: None Grade level: 11-12 Credit: 1 Fee: None

CULINARY ARTS/PROSTART I: This course is the first of two courses focused on preparing students for careers in the foodservice/hospitality industry. Emphasis is on obtaining skills for industry-based certification and preparation for internships in the industry. Topics of study 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 business/kitchen math. This class includes laboratory classes utilizing advanced planning and preparation techniques. Skills in critical thinking, math, communications, and science are reinforced in this course. Students will have the opportunity to become ServSafe Certified, a state approved industry based certification. The ProStart I class provides laboratory experiences in the school, outside learning experiences through field trips, work-site tours, catering experiences, and guest speakers from the food-service industry. School based enterprises, internships, projects, and leadership activities provide opportunities for application of instructional competencies. Students must complete 25 hours of teacher approved work in addition to instructional time. **This course is offered at the Satellite Center** and provides the opportunity for students to earn an Industry Based Certification of ServSafe/ProStart

PREREQUISITE: Food and Nutrition GRADE LEVEL: 11-12 FEE: Must have Black Pants and Slip-Proof/Closed Toe Shoes CREDIT: 2

CULINARY ARTS/PROSTART II: This course is the second of two courses focused on preparing students for careers in the foodservice/hospitality industry. Emphasis is on obtaining skills for industry-based certification and preparation for internships in the industry. Topics of study 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 business/kitchen math. This class includes laboratory classes utilizing advanced planning and preparation techniques. Skills in critical thinking, math, communications, and science are reinforced in this course. The class provides laboratory experiences in the school, outside learning experiences through field trips, work-site tours, catering experiences, and guest speakers from the food-service industry. School based enterprises, internships, projects, and leadership activities provide opportunities for application of instructional competencies. Students must complete 25 hours of teacher approved work in addition to instructional time. **This course is offered at the Satellite Center** and provides the opportunity for students to earn an Industry Based Certification of ServSafe.

PREREQUISITE: ProStart I GRADE LEVEL: 11-12 CREDIT: 2 **FEE:** Must have Black Pants and Slip-Proof/Closed Toe Shoes Certification: ProStart (requires additional work hours)

CRIMINAL JUSTICE I: This course takes place at the St. Charles Parish Sheriff's Office Training Facility, and it is taught by instructors from the St. Charles Parish Sheriff's Office. The course provides an overview of the criminal justice system including functions and responsibilities of law enforcement, the judiciary, and corrections. Students will complete units of study by participating in site visits, learning from experts in the

field, and completing hands-on activities that align to careers in law enforcement.

Prerequisite: None Grade Level: 11-12 Credit: 1 Fee: None

CUSTOMER SERVICE: This course will prepare the student for entry level retail sales concentrating on customer service through sales and service. This course stresses the concept of teamwork, communications, customer service mindset, and self-evaluation. The student will leave the course with a marketable skill. The student will be able to identify what they may need to know and be able to do in entry-level customer service and sales positions at high performance workplaces. Students will be able to identify the knowledge, skills, and abilities that employers have agreed are necessary for success in retail and related industries. Upon completion, the student will be able to test for the National Retail Federation Customer Service Test at Destrehan High School. The student must be 16 years of age or in the 11th grade in order to take the NRFCS Test.

PREREQUISITE: None GRADE LEVEL: 10-12 FEE: \$5 CREDIT: 1

CYBERSECURITY PLTW (2 Credits)

Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computation resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

PREREQUISITE: Computer Science I (Essentials) or Operation Spark Level 1 or AP Computer Science
Grade level: 10-12 Fee None Credit: 2

DANCE I (Lafon Performing Arts Center): This class begins with an overview of human anatomy as it relates to dance movement, along with various injury-prevention techniques and standard dance terms. Students will study the basic elements of space, time, and energy as it relates to dance, dance structures, and choreographic devices and how they serve as both foundation and a departure point for choreographers. Students will learn to interpret and analyze dance movement by considering intent, meaning, and artistic expression as communicated through the use of the body, elements of dance, dance technique, dance structure, and context. Finally, students will practice dance literacy which includes deep knowledge and perspectives about societal, cultural, historical, and community contexts. Dance 1 consists of five units: The Origins of Dance, Ballet, Modern Dance, Performance Workshop, and Dancing Through Time. Team members will also participate in workshops and performances with local dance artists. There is also a final performance for friends and family at the end of the Dance I semester. This course may be used as a fine arts or physical education credit.

PREREQUISITE: None Grade level: 9-12 Credit: 1 Fee: None

DANCE II (Lafon Performing Arts Center): Dance II expands upon the knowledge learned in Dance I. Dancers learn the techniques of Contemporary Ballet, PostModern Dance, Tap, and Jazz. Dance II includes three units: Ballet vs. Contemporary Ballet, Modern vs. Postmodern Dance, and Dance for the Stage vs. Dance for Film (where dancers make their own dance films). Throughout the semester, dancers will create solo pieces in the dance style of their choice, culminating in a performance for family and friends. Dancers will have the opportunity to participate in workshops and performances with local dance artists. Dance II team members will also have the possibility of being eligible for induction into the National Honors Society for Dance Arts. This course may be used as a fine arts or physical education credit.

PREREQUISITE: Dance I Grade Level 9 - 12 Credit: 1 Fee: None

DIGITAL GRAPHICS: In the Digital Graphics course, students will use digital content such as images or video, to create multimedia projects. Two-dimensional animation will be addressed. The media used within these productions will be developed, manipulated, and edited by the students and convey content-rich information. Final products should reflect use of multimedia elements, knowledge of design theory, and competency with productivity tools. Students should have a basic working-knowledge of computers. High levels of creativity are essential for this course. This course is designed to encourage students to further their education at the Satellite Center in the field of Digital Media.

PREREQUISITE: None GRADE LEVEL: 10-12 FEE: \$10 CREDIT: 1

DIGITAL MEDIA I: Digital Media I is a project based course that allows students to creatively express themselves through digital graphics, print media, computer animation, and other newly emerging forms of digital media. Using industry standard tools and techniques, students will create innovative digital media projects for clients both inside and out of the School District. Students will also be given the ability to facilitate meetings, serve as team leaders, manage project timelines and produce professional products. In addition, students will also be expected to give presentations, as well as participate in class critiques and team meetings. This integrated curriculum forms a solid groundwork from which students may build upon in Digital Media II. Students must complete 25 hours of teacher approved work in addition to the instructional time. **This course is a Satellite Center course and is taught at the Lafon Performing Arts Center.**

PREREQUISITE: (one of the following) Talented Art, AP Studio Art, Digital Graphics or Satellite Center Instructor recommendation. GRADE LEVEL: 11-12 FEE: None CREDIT: 2

DIGITAL MEDIA II: Digital Media II is a continuation of Digital Media I, expanding upon students' visual design abilities and technical skills. Students will create electronic and print portfolios, explore various animation techniques, styles, and production methods, and continue to work on advanced design campaigns. There is a strong focus on students providing project and team management services to other students, fostering a real-world business atmosphere in the classroom. Students must complete 25 hours of teacher approved work in addition to the instructional time. **This course is a Satellite Center course and taught**

at the Performing Arts Center. Through the course students have the opportunity to earn an Industry Based Certification of Adobe Illustrator.

PREREQUISITE: Digital Media I GRADE LEVEL: 11-12 FEE: None CREDIT: 2

DRAFTING-TECHNICAL ADVANCED: This course is designed as a follow-up of Basic Technical Drafting. It involves the preparation of detailed drawings. Some of the areas that are covered are fasteners, surface developments, detailed working drawings, computer aided drafting, and commercial architecture. PREREQUISITE: Basic Technical Drafting GRADE LEVEL: 10-12 FEE: \$4 CREDIT: 1

ECONOMICS: Study of the American economy. The course will also focus on Student Council and its activities. (i.e. community services, planning Homecoming and pep rallies).

PREREQUISITE: Screening GRADE LEVEL: 10-12 FEE: None CREDIT: 1

EDUCATORS RISING I: This course is designed for students interested in exploring the field of education. Instruction is provided through hands-on service learning projects using the Educators Rising curriculum. Students will learn the foundations of education, observe teaching (Kindergarten - 12th grade and Special Education), and practice teaching skills. Successful completion of the course gives students dual-enrolled college credit. The Educators Rising course is combined with Speech III for student to develop public speaking skills needed for teaching. **Dual Enrollment – SELU** PREREQUISITE: Quality for DE Grade level: 11-12 (Spring 10th Grader if they have enough credits to be considered a Junior) Credit: 2 Fee: (None)

EDUCATORS RISING II - TEACHING INTERNSHIP: provides students the opportunity to practice skills developed in the Educators Rising course through direct hands-on experiences in a classroom. Students work with a mentor teacher throughout the semester observing the class, working with small student groups, and teaching a full lesson to the class. Along with the internship, students will complete performance-based assessments to showcase their skills. Students receive an Internship credit in addition to the Ed Rising II credit.

PREREQUISITE: Educators Rising I Grade level: 11-12 Fee: None Credit 2

ELECTRICAL I NCCER: Students will develop skills in troubleshooting, power supplies, transistor, and diode circuits, and digital electronics circuits. An analog and digital electronic project will be designed and constructed. Students will be introduced to robotics technology and assemble a small robot.

PREREQUISITE: Basic Electricity GRADE LEVEL: 10-12 FEE: \$20 Credit: 2

EMERGENCY MEDICAL RESPONDER (EMR):

This course offers the opportunity for students to become Emergency Medical Responder (EMR) Certified through the Bureau of Emergency Medical Services. Students are taught how to respond to various medical and trauma emergencies. Students must be able to pass not only written tests but skills check off tests that prove that the student is competent and knowledgeable in treating a victim or patient. Students must complete 25 hours of teacher approved work in addition to the instructional time. This course is offered at the Satellite Center and provides the opportunity for students to earn an **Industry Based Certification of**

Emergency Medical Responder (EMR). Students must earn American Heart Association BLS for Healthcare Providers certification, which will be taught at the start of semester, to be eligible for EMR certification.

PREREQUISITE: GPA 1.85

Grade level: 11-12

Credit: 2

Fee: None

ENGINEERING DESIGN I: This course is a project based course designed to introduce students to the field of engineering and engineering design. This course is a yearlong commitment. It will provide an overview of the fields of engineering with an emphasis on engineering principles and practices. Topics such as mechanical systems and electrical control systems are included. The engineering design principles and practices related to each of the systems will be emphasized through hands-on experiences in a wide range of engineering technologies using industrial quality equipment and software. Work-based learning strategies for this course may include job shadowing and/or field experiences. Oral and written skills are reinforced through presentations, group projects and technical writing. This course focuses on improving academic skills and teaches other important career skills such as problem-solving, work ethic, and critical thinking. This course is a Dual Enrollment course with the University of New Orleans - PHYS 1063 for one (1) college credit. **This course is offered at the Satellite Center to senior students only.**

PREREQUISITE: Completed the Engineering Design Packet (Overall GPA of 2.5- Math and Science Overall GPA of 2.75- Letter of Recommendation from a math and science teacher- Successful completion of Student Questionnaire and should have taken or concurrently be enrolled in Advanced Math GRADE

LEVEL: 12 FEE: None CREDIT: 1

NOTE: One additional credit in Physics will be earned along with this course credit.

ENGINEERING DESIGN II: Engineering Design II is a project based course designed to introduce the engineering topics of thermodynamic systems, mechanical drives, and electrical system. Engineering design principles and practices related to each of the systems will be emphasized through several small group projects as well as a semester-long group design project using industrial quality equipment and software. Work-based learning strategies for this course include field experiences to local industry and possible job shadowing. Oral and written skills are reinforced through presentations, group projects and technical writing. This course focuses on improving academic skills and teaches other important career skills such as problem-solving, work ethic and critical thinking. This course is a Dual Enrollment course with the University of New Orleans - PHYS 1065 for one (1) college credit and ENGR 1000 for one (1) college credit. **This course is offered at the Satellite Center to senior students only.** In addition to Engineering Design II, students will take year-long Physics H.

PREREQUISITE: Engineering Design I GRADE LEVEL: 12 FEE: None CREDIT: 1

Note: One additional Credit in Principles of Engineering with be earned along this course credit.

ENGLISH I: English I utilizes Tier One curriculum to prepare students for future English courses. English I is designed to build on the skills of the previous years through an emphasis on writing, vocabulary, and literature analysis. English I covers the specific standards for Grade 9 as stipulated in the state English Curriculum Guide. Students take the LEAP 2025 Exam at the completion of this course.

PREREQUISITE: None GRADE LEVEL: 9 FEE: None. Students will be required to purchase novels CREDIT: 1

ENGLISH I HONORS: English I-Honors utilizes Tier One curriculum to prepare students for future English courses. Honors English I is a learning experience distinguished from traditional coursework by higher academic expectations and a more in-depth analysis of literature and informational texts. Improved writing skills are honed through the development of the student's unique voice and a more sophisticated development of ideas and evaluation through thoughtful commentary. Mastery of language and conventions is also essential as students prepare for Advanced Placement courses. Students take the LEAP 2025 Exam at the completion of this course.

PREREQUISITE: None GRADE LEVEL: 9 FEE: None. Students will be required to purchase novels
CREDIT: 1

ENGLISH II: English II utilizes Tier One curriculum to prepare students for future English courses. English II concentrates on building skills in vocabulary, reading comprehension, essay writing, and literary analysis. English II covers the specific standards as stipulated in the state English Curriculum Guide. Students take the LEAP 2025 Exam at the completion of this course.

PREREQUISITE: English I GRADE LEVEL: 10 FEE: None; CREDIT: 1

ENGLISH II HONORS: English II-Honors utilizes Tier One curriculum to prepare students for future English courses. In this course, students will review writing skills and extend their study of literature and informational texts. Strong attention will be given to the development of composition and both discussion and critical reading skills. All compositions will support the study and analysis of literature read during summer and in-class including: novels, non-fiction, informational texts, and short stories. Students take the LEAP 2025 Exam at the completion of this course.

PREREQUISITE: English I GRADE LEVEL: 10 FEE: None CREDIT: 1

ENGLISH III: English III utilizes Tier One curriculum to prepare students for college English courses. Students read a variety of complex texts that they will then have to both write about and discuss amongst peers in a mature and academic environment. Students have two major units of study where they address the essential questions: How do perceptions influence people's lives? and How can a single decision change your life? These are explored through anchor and supplementary texts. Students will write multiple complex essays, present formal presentations, and participate in scholarly discussions regularly. Lastly, there is a research project at the end of the course that requires both a product and presentation. Additionally, there is an emphasis on ACT prep to prepare juniors for the ACT in the spring semester.

PREREQUISITE: English II GRADE LEVEL: 11 CREDIT: 1

ENGLISH III LANGUAGE AND COMPOSITION-ADVANCED PLACEMENT: AP English III provides an intense study of both literature and informational texts with an emphasis on rhetorical analysis and argumentation. Students must complete a summer reading list. The curriculum followed is the English III Language and Composition AP curriculum provided by the College Board.

PREREQUISITE: Grade of a C or above in Honors English II. Students are required to take the AP test.
GRADE LEVEL: 11 FEE:None Students will be required to purchase novels. CREDIT: 1

ENGLISH IV LITERATURE AND COMPOSITION-ADVANCED PLACEMENT: AP English IV provides an intense study of world literature with an emphasis on comparison and analysis through written composition. Students must complete a summer reading list. The curriculum followed is the English IV Literature and Composition AP curriculum provided by the College Board.

PREREQUISITE: Grade of a C or above in AP English III. Students are required to take the AP test, unless they opt due to earning college credit with the English III Language and Composition exam. . GRADE LEVEL: 12 FEE: None Students will need to purchase novels. CREDIT: 1

ENGLISH 101-DUAL ENROLLMENT: this is a course taught through Southeastern Louisiana University. This is the first of 2 freshman composition classes and can also serve as a student's English III or IV credit. The course is writing based, with some required reading. Students will be both DHS and SELU students. Professors will assign and grade assignments as they would in a normal college course. A DHS teacher will be in the classroom daily to help facilitate and guide students through college coursework. The grade earned in this course will appear on the student's official college transcript. The credit is transferable to all Louisiana public universities.

PREREQUISITE: ACT minimum score of 18, application, and counselor recommendation GRADE LEVEL: 11th & 12th grade Credits: 1 (high school) 3 (university credit hours). Students may be required to purchase readings.

ENGLISH 102-DUAL ENROLLMENT: this is a course taught through Southeastern Louisiana University. This is the second of 2 freshman composition classes and can also serve as a student's IV credit. The course is writing based, with some required reading. Students will be both DHS and SELU students. Professors will assign and grade assignments as they would in a normal college course. A DHS teacher will be in the classroom daily to help facilitate and guide students through college coursework. The grade earned in this course will appear on the student's official college transcript. The credit is transferable to all Louisiana public universities.

PREREQUISITE: English 101 Dual Enrollment GRADE LEVEL: 12th grade Credits: 1 (high school) 3 (university credit hours). Students may be required to purchase readings.

ENTREPRENEURSHIP: Do you want to be your own boss? Do you want to have a highly successful company? Are you interested in the advantages and disadvantages of becoming an entrepreneur? If so, Entrepreneurship is the course for you. Entrepreneurship will take you through a step-by-step process of owning your own business. Through this process, you will learn what skills are needed in order to become an entrepreneur, determine who your customers are, learn how to market your business, and obtain financial assistance. You will also focus on products or services to sell, how to manage employees, and how to put together a business plan.

PREREQUISITE: None GRADE LEVEL: 10-12 FEE: \$25 CREDIT: 1

ENVIRONMENTAL SCIENCE: Environmental Science is inherently a complex subject. It consists of an integration of many disciplines, such as biology, the physical sciences, economics, and political science. Therefore, both legal and technical limitations on environmental improvements are introduced with the integration of scientific and social issues. Topics covered include: classification of environmental problems, biology of natural ecosystems, population density, energy, soil, land, minerals, air, water, and wastes. PREREQUISITE: None GRADE LEVEL: 10-12 FEE: None CREDIT: 1

ENVIRONMENTAL SCIENCE-ADVANCED PLACEMENT: The AP Environmental Science course is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. Students must take the AP Exam at the end of the year for college credit PREREQUISITE: Biology I Honors GRADE LEVEL: 10-12 FEE: None CREDIT: 1

FAMILY AND CONSUMER SCIENCES: This is a comprehensive course covering the following: foods and nutrition, cooking, baking, clothing, sewing, and housing and careers related to the career majors. PREREQUISITE: None GRADE LEVEL: 9-12 FEE: \$30 CREDIT: 1

FINANCIAL LITERACY: This course provides a format for individual students to move from mathematical concepts to concrete real-world applications. It will provide a foundation for students to become better consumers, employees, and business personnel. This course will serve as a foundation for students to make mathematically sound decisions in their roles as consumers and/or entrepreneurs. Course topics include, but are not limited to, income, banking, transportation, insurance, and financial management. Students will be able to utilize their communication, technology, reading, writing, and research based skills. Students will also utilize a broad range of mathematical concepts including basic arithmetic, fundamental operations with rational numbers, estimation, number sense, algebra, and data analysis in relevant and real-life problem solving situations. This course allows students to integrate vocational courses into the curriculum. Students earn college credit through RPCC. PREREQUISITE: Algebra I GRADE LEVEL: 11-12 FEE: None CREDIT: 1

GENERAL TECHNOLOGY EDUCATION: General Technology education is an introductory course divided into areas: Technical drawing, project planning, electricity, metals, and woodworking. Shop safety is emphasized. The basic knowledge, skills, tools, and techniques needed for each area are introduced to the student. Students have the opportunity to earn an additional credit by completing the NCCER CORE curriculum associated with this course.

PREREQUISITE: None GRADE LEVEL: 9-12 FEE: \$10 CREDIT: 1

GEOGRAPHIC INFORMATION SYSTEMS (GIS) Level 1 (Statewide Basic IBC Opportunity):

Geographic Information Systems (GIS) is technology capable of gathering, managing, and analyzing location-based data which can be used for creating maps, operations, and decision-making. GIS organizes layers of spatial data and information by visually displaying data. With this unique geospatial capability, GIS reveals deeper insights into data, revealing patterns and relationships which may otherwise go unnoticed – preparing GIS users with skills allowing them to live, compete and successfully function in a global society by making smarter decisions for stakeholders. Students will have an opportunity to earn the statewide basic industry-based certification, Geographic Information System (GIS) ESRI User Certification.

PREREQUISITE: Algebra I, English I Grade level: 10-12 Credit: 1 Fee: (None)

GEOMETRY: This course introduces concepts which apply logical reasoning to the development of new ideas about geometric topics. This course emphasizes mathematical skills applied in reasoning processes (inductive and deductive), coordinate systems, transformations, traditional measurements, and three-dimensional figures. Other topics include the measurement of segments and angles, the study of basic right triangle relationships such as the Pythagorean Theorem, the perimeter and area of polygons, parallelism and perpendicularity, congruence and similarity, properties of circles and circular regions, volume of three-dimensional solids, and right triangle trigonometry. Explorations include direct and indirect proofs, ratios and proportions, and constructions. Students take the LEAP 2025 Exam at the completion of this course. PREREQUISITE: Algebra I GRADE LEVEL: 10-12 FEE: None CREDIT: 1

GEOMETRY HONORS: This course, designed for students with advanced skills in Algebra I, introduces concepts which apply logical reasoning to the development of new ideas about geometric topics. This course emphasizes the mathematical skills applied in two-column and paragraph proofs, reasoning processes (inductive and deductive), coordinate systems, advanced transformations, constructions, traditional and non-traditional measurements, and complex composite three-dimensional figures. Other topics include the measurement of segments and angles, the study of advanced right triangle relationships such as the Pythagorean Theorem and special right triangles, the perimeter and area of advanced polygons, parallelism and perpendicularity, congruence and similarity, properties of circles and circular regions, volume of complex three-dimensional solids, and applications of right triangle trigonometry. The Honors Geometry course focuses on real-world applications and other advanced explorations of logic and reasoning. Students take the LEAP 2025 Exam at the completion of this course. PREREQUISITE: Recommendation of 85 or better in Algebra I and an Algebra I LEAP 2025 score of Mastery along with an Honors Application GRADE LEVEL: 9-12 FEE: None CREDIT: 1

GIFTED PRE-CALCULUS: Embracing the tenets of acceleration and enrichment, Gifted Advanced Math 1 explores traditional and extension topics in College Algebra and Trigonometry courses. Traditional and extended topics include the analysis of both elementary and transcendental functions analytically, graphically,

numerically, and verbally. Students will take the CLEP College Algebra test for college credit.

PREREQUISITE: Gifted Identification, Gifted Algebra II; GRADE LEVEL: 11 FEE: None, TI-84 graphing calculator CREDIT: 1; Students are required to take the CLEP test.

GIFTED CALCULUS I: The driving curriculum for the Gifted Calculus course is the Advanced Placement curriculum and students will be eligible to take the Advanced Placement Calculus AB

Course. Students will explore topics numerically, analytically, graphically, and verbally. Gifted Calculus I, which embraces the tenets of acceleration and enrichment, will include an in-depth treatment of Calculus and Analytic Geometry topics such as properties and graphs of functions, limits, continuity, derivatives, and advanced differentiation of algebraic and trigonometric functions. Real world applications of the derivative explored include curve sketching, related rates, optimization, linear approximations, marginal cost, revenue, and profit.

PREREQUISITE: Gifted Identification, Gifted Advanced Math 1; GRADE LEVEL: 12; FEE: None TI-84 graphing calculator; CREDIT: 1

GIFTED CALCULUS 2-ADVANCED PLACEMENT: The driving curriculum for Gifted AP Calculus is the Advanced Placement curriculum and students will be eligible to take the Advanced Placement Calculus AB test. Students will explore topics numerically, analytically, graphically, and verbally. Gifted Calculus AP, which embraces the tenets of acceleration and enrichment, includes an in-depth treatment of Calculus and Analytic Geometry topics such as properties and graphs of functions, limits, continuity, derivatives, integrals, and advanced differentiation and integration of algebraic, logarithmic, trigonometric, and exponential functions. Real world applications include curve sketching, related rates, optimization, linear approximation marginal costs, revenue, and profit, area under a curve, Riemann sums, work, and volumes of solids of revolution. Students are required to take the AP test.

PREREQUISITE: Gifted Identification, Gifted Calculus 1 Gifted GRADE LEVEL: 12 FEE: None TI-84 graphing calculator CREDIT: 1

GIFTED GEOMETRY: This course, designed for students with advanced skills in Algebra I, introduces concepts that apply logical reasoning to the development of new ideas about geometric objects. Embracing the tenets of acceleration and enrichment, this Gifted Geometry course emphasizes advanced mathematical analysis conducted analytically, graphically, numerically, and verbally. Gifted students will explore and apply traditional concepts such as: proofs, reasoning, advanced transformations, constructions, measurement (traditional and non-traditional), composite three-dimensional figures, advanced right triangles and applications (Pythagorean Theorem and special right triangles), perimeter and area, parallelism and perpendicularity, congruence and similarity, properties of circles and circular regions, and the volume and surface area of complex three-dimensional polygons. LEAP2025 testing is required.

PREREQUISITE: Gifted Identification, Algebra I; GRADE LEVEL: 9; FEE: None CREDIT: 1

GOVERNMENT (STUDENT COUNCIL I): The study of American local, state, and national government and political parties and politics. The course will also focus on Student Council and its activities, (i.e. community service, planning Homecoming and pep rallies).

PREREQUISITE: Screening GRADE LEVEL: 11-12 FEE: None CREDIT: 1

HEALTH EDUCATION: Health Education is taught one semester and focuses on CPR, Substance Abuse, nutrition, and communicable diseases. The state guide for the comprehensive health course is followed.
PREREQUISITE: None GRADE LEVEL: 9-12 FEE: None CREDIT: ½

HOTEL, RESTAURANT AND TOURISM ADMINISTRATION I and II (HRT): This course is an introductory course providing students with basic skills that will be applied toward a successful career in the hospitality industry. Emphasis is placed on the various skills and services in the hospitality industry including event planning, food and beverage management, advertising, marketing, travel and tourism. The class will also focus on developing 21st century skills such as effective communication skills, leadership practices and management policies and procedures that can be applied in any business setting. Topics covered in this course range from the planning, organization and implementation of industry specific projects, customer service, event management and the economic impact of tourism. Real world projects provide opportunities for application of instructional competencies. Student must complete 25 hours of teacher approved work in addition to instructional time. **This course is offered at the Satellite Center.** This course is dual enrolled with Delgado Community College - Host 101 for three (3) credit hours and HOSTs 103 . Students earn industry credentials Certified Guest Service Professional and Certified Hospitality and Tourism Management Professional and a Hospitality CTC.
PREREQUISITE: 2.0 GPA or C+ in English courses GRADE LEVEL: 11-12 FEE: None - Must have black non-slip closed toe shoes and Khaki Pants CREDIT: 2

HUMAN GEOGRAPHY-ADVANCED PLACEMENT: The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Students are required to take the AP test.
PREREQUISITE: Civics Pre-AP GRADE LEVEL: 10-12 FEE: None CREDIT: 1

INDEPENDENT STUDY (GIFTED): To develop gifted students interests and abilities in the area(s) in which they were identified and under the guidance of a teacher of the gifted, gifted students propose and pursue projects that encourage critical thinking and use gifted strategies such as creative problem solving. This course can be taken up to three times for credit.
PREREQUISITE: Screening GRADE LEVEL: 9-12 FEE: None CREDIT: 1

INDUSTRIAL ELECTRONICS (ROBOTICS): The Industrial Electronics Technology program generally prepares individuals to assemble, install, operate, maintain, and repair electrical/electronic equipment used in business and industry. This course includes instruction on actual equipment or associated trainers, relating to power supplies, amplifiers, motors, digital and computer circuitry, programmable controllers, computer peripherals, computer networking, general robotic applications, lasers, fiber optics, communication systems, and video systems.

PREREQUISITE: Basic Electricity GRADE LEVEL: 10-12 FEE: \$20 CREDIT: 2

INSTRUMENTATION I NCCER: This course is designed to introduce students to becoming Instrumentation Technicians. They maintain the equipment that controls the automation in industry plants and factories. This course is designed to prepare students to perform key installation and maintenance functions across several industries in the field of instrumentation. Students will learn important processes and knowledge areas including hand tools, electrical safety, power tools, electrical systems, metallurgy and fasteners. The course content is organized into modules with written and performance assessments designed by NCCER (National Center for Construction Education and Research). Students will complete 12 modules and earn the NCCER Instrumentation Credential. This is a Dual Enrollment course with River Parish Community College- INST 1110 for three (3) college credits and is offered at the Satellite Center.
PREREQUISITE: NCCER Core GRADE LEVEL: 11-12 FEE: None CREDIT: 2

INTERACTIVE MEDIA/MEDIA ARTS: This newly redesigned personalized, project-based course allows students to explore their creative side while also following their own passions. Students spend the first few weeks of the semester exploring multiple areas of the digital arts world, each student will be allowed to create an individual plan for completion of student-led projects that are tailored to their interests. Some examples of possible creative projects that students could create are: motion graphics, stop action animation, interactive animation, digital art installations, digital painting, augmented reality design, mobile apps, client based web design, podcasts, social media marketing, studio photography, photojournalism, mobile photography, photo manipulation, character/background design for animation or video games mobile gaming, interactive art displays, animated gifs, 3D design for augmented reality, etc.

Each student will also have the opportunity to connect with other high school and college digital arts students around the nation, as well as industry professionals. Students will also be given the ability to facilitate meetings, serve as team leaders, manage project timelines and produce professional products. In addition, each student will examine possible careers in the technology or digital arts field and create a personal portfolio to use as they pursue their goals. This course is a Satellite Center course and is taught at the Dr. Rodney Lafon Performing Arts Center.

PREREQUISITE: (one of the following) Art I or above, Talented Art, Digital Graphics, Operation Spark, Drafting, Digital Media, Technical Theatre, Advanced TV Broadcasting, or Satellite Center instructor recommendation. Grade level: 11-12 Credit: 2 Fee: None

INTERACTIVE MEDIA II (Digital Arts/Technology Internship): This internship course is an opportunity for a student to spend time with one or more employees at a business, non-profit organization, or government agency. The goal of the Internship program is to increase the student's knowledge of workplace skills and receive on-the-job experience. On a worksite students will gain an understanding of the internship site's work, mission, and audience, and the organization's position in the broader industry or field. The internship experience is selected based on the student's chosen career cluster/pathway. In addition, this

course enables the instructor to communicate to students what skills and knowledge are necessary to enter certain careers. PREREQUISITE: Internship Application/Interview and have taken one of the following courses: Interactive Media, Digital Arts Exploration, Digital Media, Advanced TV Broadcasting I, or Operation Spark. Grade level: 12 Credit: 2 Fee: None

INTRODUCTION TO AVIATION INDUSTRY Students will learn about career opportunities in aviation and aerospace and the critical issues facing the industry. Students will also drill down into the various sectors of aviation and the elements that make up the aerospace ecosystem. Students will explore modern innovations and develop innovative ideas to address the aviation industry's real-world challenges. They will be exposed to various career options in aviation and aerospace and take an in-depth look at available opportunities. Earn a Certification in FAA Part 107A

PREREQUISITE: None Grade level: 9-12 Credit: 1 Fee: None

INTRODUCTION TO BUSINESS COMPUTER APPLICATIONS: Introduction to Business Computer Applications provide students with tools to assist in basic computer use. Students will apply correct keyboarding techniques in preparing personal and business documents, and cross-curricular problem-solving projects, using MS Office applications (MS Word, Excel, Publisher, and Access).

PREREQUISITE: None GRADE LEVEL: 10-12 FEE: \$5 CREDIT: 1

INTRODUCTION TO ENGINEERING DESIGN (PLTW): Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

PREREQUISITE: Algebra I Grade level: 9-12 Credit: 1 Fee: None

INTRODUCTION TO LOGISTICS & SUPPLY CHAIN MANAGEMENT

This course introduces learners to supply chain and logistics activities involved in the flow of products and information among the suppliers, producers, and distributors to fulfill consumer demand. Hands-on experiential learning activities are used to enhance learning of concepts and field trips and guest speakers are provided to demonstrate concepts in real-world application. Students will have an opportunity to earn the Manufacturing Skills Standard Council's (MSSC) Certified Logistics Associate Certification.

PREREQUISITE: None Grade Level: 10-12 Credit: 2 (Double-blocked class) Fee: None

INDUSTRIAL MAINTENANCE MECHANIC (2 credits)

Numerous industries rely on skilled industrial maintenance craftworkers to keep operations running smoothly. Using a wide variety of technical skills, maintenance craftworkers help manufacturers install, repair, and replace heavy equipment. A craftworker needs a wide range of skills to support advancements in technology. These skills include reading blueprints, understanding computerized control panels, and diagnosing mechanical problems. Students will have an opportunity to earn the statewide basic industry-based certification, NCCER Industrial Maintenance Mechanic Level I.

PREREQUISITE: NCCER Core Grade level: 11-12 Fee: None Credits 2

MATH ESSENTIALS 9: This is a freshman level course designed as the first part of a fundamental year-long course which explores basic Algebra concepts through an integrated, hands-on approach. Concepts covered will include: quantities, variability, and change; writing and solving linear equations, linear functions and their graphs, rates of change, linear inequalities, systems of linear equations, systems of linear inequalities, nonlinear functions and graphs, operations with polynomial expressions including adding, subtracting, multiplying, and sequences. The second part of the course will cover: operations with polynomial expressions and equations including adding, subtracting, multiplying, and factoring, graphing quadratic functions, modeling and analyzing data, and statistics.

PREREQUISITE: None GRADE LEVEL: 9 FEE: None CREDIT: 1

MATH ESSENTIALS: This course is designed for students who may require review of previous mathematical concepts before proceeding to Algebra II OR for those students who have taken Algebra II that may require further review of mathematical topics. This course primarily focuses on those topics that would be valuable in the workplace, as well as in post-secondary education. Topics include: statistics, probability, basic geometry, and functions.

PREREQUISITE: None GRADE LEVEL: 10-12 FEE: None CREDIT: 1

MEDICAL ASSISTING I: This course is designed to provide classroom and clinical experiences in health care facilities for those interested in pursuing a career as a Medical Assistant. The course provides an introduction to medical terminology, Anatomy and Physiology, office based skills, patient assessment, and phlebotomy, in addition to class based lab experiences. This is a **year long commitment** and dual enrolled with RPCC for thirteen (13) dual enrollment credits. It is taught by an RPCC instructor.

PREREQUISITES: Must pass a clear background check, 16 years of age, pass drug tests, up-to-date immunizations Grade level: 12 Credits: 4 Fee: Must have Teacher Approved Scrub Pants and White Jacket, as well as Closed Toe Shoes

MEDICAL ASSISTING II: this is a continuation of the Medical Assistant program through RPCC. The course provides basic nursing skills which include safety and emergency procedures, restorative services, personal care, Heimlich Maneuver, resident's rights/independence, communication and interpersonal skills, basic nursing services, mental health and social service needs. Through this course students will be working with patients for a total of 40 hours and will be completed during the class time and upon passing the Certified Medical Assistant Exam (CCMA) they will be a Certified Medical Assistant. It is dual enrolled with RPCC for thirteen (13) dual enrollment credits and students complete the Medical Assistant Certificate of Technical Studies. It is taught by an RPCC instructor. PREREQUISITES: Medical Assisting I Grade level: 12 Credits: 4 Fee: None

MUSIC THEORY-ADVANCED PLACEMENT: AP Music Theory is a challenging high school course that covers college-level courses in written theory and aural skills. The course develops music reading and

writing skills, and ear training and sight singing skills. It is designed for students wishing to major in music. These skills are meant to enhance musicianship that allows the individual to become an independent and informed musician. Students who wish to enroll must have a strong background of reading and writing music notation. Prior music training, such as band and/or choir, is strongly encouraged. Students are required to take the AP test.

PREREQUISITE: Screening & Instructor's consent GRADE LEVEL: 10-12. Fee: \$10 CREDIT: 1

NUTRITION AND FOODS/ADVANCED NUTRITION AND FOODS: An extensive study of health and nutrition & the preparation of food.

PREREQUISITE: Family & Consumer Science I GRADE LEVEL: 10-12 FEE: \$40; CREDIT: 1

OPERATION SPARK LEVEL 1: Fundamentals of HTMS, CSS, and Java Script This course provides an introduction to computer programming using JavaScript and is designed for high school students with little to no prior experience in coding. It aims to teach students the core concepts of computer programming and basic front-end web development skills, and provides students with an understanding in the roles computation can plan in solving problems. Students also learn software development career options. Students are trained in HTML and CSS programming and equipped with the skills to build websites, simple games, and animation. By the end of the semester, students create a live website that hosts all of their projects from the semester. This website acts as a portfolio to show future colleges and employers the work they have completed in the course. The Fundamentals of HTML, CSS, and JavaScript course is also designed to help students prepare for an Industry Based Certification (IBC) in Fundamentals of JavaScript, Functional Programming, and Web Development (Level 1).

PREREQUISITE: None Grade level: 10-12 Credit: 1 Fee: None

OPERATION SPARK LEVEL 2: Advanced JavaScript, Programming, and Web Development This course builds upon skills learned in the Level 1 course and provides a continuation to computer programming using JavaScript. It aims to teach students the core concepts of functional programming, database administration, algorithmic thinking, and video game and mobile app development. Students are trained in HTML and CSS programming and equipped with the skills to build websites, simple games, and animation. They also learn about software development career options.

By the end of the semester, students create a live website that hosts all of their projects from the semester. This website acts as a portfolio to show future colleges and employers the work they have completed in the course. Upon successful completion, students will have the opportunity to earn a statewide advanced industry based certification, Fundamentals of JavaScript, Functional Programming, and Web Development (**Level 2**). PREREQUISITE: Operation Spark Level 1 Grade level: 10-12 Credit: 1 Fee: None

PATIENT CARE I: This course is designed for students who are interested in pursuing a career in healthcare and want to gain real-world, hands-on experience. Aligned with the National Healthcareer Association (NHA) Patient Care Technician/Assistant (PCT/A) standards, this program prepares students with the knowledge and skills needed to provide direct patient care in a variety of healthcare settings, including hospitals, clinics, and long-term care facilities.

Throughout the course, students will learn essential patient care skills such as taking vital signs, assisting with

activities of daily living, practicing infection control, and maintaining patient safety. Students will also be introduced to advanced skills including EKG monitoring, basic phlebotomy concepts, and proper documentation, all while developing effective communication and teamwork skills within a healthcare environment.

In addition to technical training, this course emphasizes professionalism, compassion, and confidence—key qualities for success in the medical field. Students will participate in hands-on labs, simulations, and real-world scenarios to build practical experience and prepare for clinical expectations.

Upon successful completion of the program, students will be eligible to sit for the National Healthcareer Association Certified Patient Care Technician/Assistant (PCT/A) certification exam, providing them with a nationally recognized credential to begin their healthcare career.

This course is ideal for students who enjoy helping others, are interested in healthcare, and are motivated to take the first step toward a rewarding career in the medical field. This course is offered at the Satellite Center and provides the opportunity for students to earn an Industry Based Certification of AHA CPR/BLS and PCT. PREREQUISITE: None Grade level: GRADE LEVEL: 11-12 FEE: None CREDIT: 2

PHYSICAL EDUCATION I: This course emphasizes physical fitness, coordination, conditioning and individual and team sports competition with an aim toward improvement in individual skills and techniques in each activity. The state curriculum guides for Comprehensive Health Education and Physical Education are followed. PREREQUISITE: None GRADE LEVEL: 9-12 FEE: \$20 (Uniform), \$11 (shorts), \$9 (shirt) CREDIT: 1

PHYSICAL EDUCATION II: This course is a continuation of the skills taught in PE I including; physical fitness, coordination, conditioning, and individual and team sports competition. The state curriculum guide for Physical Education is followed.

PREREQUISITE: PE I GRADE LEVEL: 9-12 FEE: \$20 (Uniform) \$11(shorts), \$9 (shirt) CREDIT: ½
(This course is taken with Health)

NOTE: Any student who is physically unable to participate in the state's required physical education program must have on file in the office of the school nurse a statement from a physician stating the nature of the disability and affirming that the student should be excused from physical activity for a given period of time. This medical excuse must be updated each school year. The restricted student, in the absence of an adapted physical education program, will be enrolled in an extra elective course for the semester/year covered by the excuse.

PHYSICAL EDUCATION III (RECREATIONAL PE): Emphasizes lifetime sports and recreational games. Fitness for Life is incorporated in every unit. This includes weights and walking/ jogging for conditioning. Open to any Junior who has passed PE I and PE II.

PREREQUISITES: PE I and PE II GRADE LEVEL: 11-12 FEE: \$20 for DHS PE uniform. \$11(shorts), \$9 (shirt) CREDIT: 1

PHYSICAL SCIENCE: Physical Science involves the investigation of forces, motion, work and energy, the

structure and properties of matter, chemical reactions in a laboratory setting, and the interrelationship of matter and energy in the physical world. An exploration of the nature and history of science and related careers is also included in the coursework. This course is the basis for further study of physics, chemistry, and other related sciences. Mathematical skills through pre-algebra are used in problem solving.

PREREQUISITE: None GRADE LEVEL: 10-12 FEE: None CREDIT: 1

PHYSICS: This course includes the topics of force and motion, forms of energy and their conservation, collisions and momentum, and modern physics. Contemporary applications are illustrated through laboratory procedures and demonstrations. Mathematical skills through advanced mathematics are used in problem solving. A scientific calculator is recommended.

PREREQUISITE: Chemistry I with a “C” or better AND must enroll in Algebra III or have completed Algebra III with a “C” or better GRADE LEVEL: 12 CREDIT: 1

PLTW CYBER SECURITY: Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computation resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students’ knowledge of and commitment to ethical computing behavior. It also aims to develop students’ skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

PREREQUISITE: None Grade level: 9-12 Credit: 1 Fee: None

PLTW HUMAN BODY SYSTEMS –

Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real-world cases, and often play the role of biomedical professionals to solve medical mysteries. This course offers the opportunity for students to become American Heart Association CPR certified.

PREREQUISITE: Principles of Biomedical Science or Biology . Grade level 10-12 Fee: None Credits 2

PLTW PRINCIPLES OF ENGINEERING: This is the second engineering course offered in the Project Lead the Way engineering pathway. 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 develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. This course can be used as 1 of the required 4 sciences needed for completion of TOPS requirements.

Prerequisite: PLTW Intro to Engineering Design Grade Level: 10-12 Credit: 1 Fee: None

PLTW PRINCIPLES OF BIOMEDICAL SCIENCE:

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

PREREQUISITE: None Grade level: 9-12 Credit: 1 Fee: (None)

PRE-CALCULUS HONORS: This course offers a clear, comprehensive overview of college algebra and trigonometry for the college-bound student. Included topics are trigonometry, advanced algebra, theory of equations, and exponential and logarithmic functions. Advanced topics in honors include exponential and logarithmic functions, vectors and, conics, trig graphs, ACT prep, operations with matrices, sequences, series and limits to prepare students for further studies in mathematics. Recommended for students who received an A, B, or C in Algebra II

PREREQUISITE: Credit in Algebra I, II (A, B, or C), & Geometry Grade level: 10-12 Credit: 1

PRINCIPLES OF BUSINESS: This is an introductory course that provides students with basic business operation skills that can be applied in both personal and professional situations. Through business application projects, critical thinking, and oral and written communication skills are reinforced. Activity areas include credit, savings, investing and banking, starting, marketing, financing and managing a small business.

PREREQUISITE: None GRADE LEVEL: 9-12 FEE: \$5 CREDIT: 1

PROCESS TECHNOLOGY (PTEC) I/II: Process Technology I is an 'Introduction to Process Technology'. This course covers a basic overview of a plant operator's job including the responsibilities and duties, personal and environmental safety, workplace communications, ethics, and industrial equipment used in the process industries (refineries, chemical plants, power plants, etc.). This course should provide an overview level of learning upon which future skills will be developed and a viable decision can be made, either committing to or exiting this career path. Process Technology II is about "Plant Safety". This course covers a wide range of topics relating to safety, health and the environment, including hazard recognition (chemical, physical, ergonomic, and biological), physical threats (acts of violence) in the process industries. Other topics discussed are cyber security, engineering and administrative controls, personal protective and safety-related equipment, first aid, and governmental regulations. Partnerships with local industries provide guest instructors, field experiences, and industry approved equipment and software. This course is a Dual Enrollment course with River Parish Community College- PTEC 1010/PTEC 2030 for six (6) college credits.

This course is offered at the Satellite Center.

PREREQUISITE: 2.0 GPA or C in qualify classes GRADE LEVEL: 11-12 FEE: None CREDIT: 2

PSYCHOLOGY DUAL ENROLLMENT:

This course is the introductory college-level psychology course for Southeastern Louisiana University, and the credit can be transferred to any other public college/university in Louisiana. This is a survey of the science of behavior of man and other animals, and psychology as a biosocial science.

PREREQUISITE: ACT English 18 or higher; Math 19 or higher Grade level: 11 or 12 Credit: 1 Fee: None

PSYCHOLOGY: A study of general psychology including topics such as heredity, research, consciousness, learning, memory, stress, disorders, therapy, and forensics.

PREREQUISITE: None GRADE LEVEL: 10-12 FEE: None CREDIT: 1

PSYCHOLOGY-ADVANCED PLACEMENT: The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology, to include: history and approaches, research methods, biological bases of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders and social psychology. They also learn about the ethics and methods psychologists use in their science and practice. Due to the heavy reading load students are required to hold no lower than a “B” average in their English classes. Students enrolled in the class **MUST** take the AP exam in May.

PREREQUISITE: Screening GRADE LEVEL: 10-12 FEE: None CREDIT: 1

PUBLICATIONS I/II (YEARBOOK): Students in this course are involved in the financing, production, and distribution of the school yearbook. The content includes layout design, copy writing, and photograph cropping. Students who are interested in being members of the yearbook staff should be responsible, creative, and able to work as part of a team.

PREREQUISITE: Screening; strong writing skills GRADE LEVEL: 10-12 FEE: \$20 CR

QUEST FOR SUCCESS (QFS): is an innovative, new, high school-level, career exploration course designed to prepare all Louisiana graduates for career and life success.

The new course will help all students to:

- develop essential 21st century workforce skills - the ability to communicate, collaborate, and lead;
- explore new and exciting careers and industry sectors; and
- learn about themselves and their interests to successfully navigate high school, postsecondary education, and career pathways.

The course, designed to replace many of Louisiana’s current career preparation course, was written by leading educators from across the state as part of the Louisiana Educator Voice Fellowship, a partnership between the Louisiana Department of Education and America Achieves, a national non-profit organization. The Fellowship is part of Louisiana’s comprehensive effort to improve career readiness in the state, including its hallmark Jump Start initiative. PREREQUISITE: None GRADE LEVEL: 9-12 FEE: None CREDIT: 1

SCULPTURE and CERAMICS (2 credits) This course is an introductory course in Sculpture and Ceramics. Students will cover the basics and methods of hand-building: pinch, slab, and coil techniques. Students will also be exposed to wheel throwing techniques. Students will be introduced to art making through additive, subtractive and modeling processes of sculptural construction using multiple mediums.

Art history, aesthetics and art criticism will be incorporated throughout the course. Class is held at the Satellite Center in the Education Wing of the Lafon Performing Arts Center

Prerequisite: None Grade Level: 9-12 Credit: 2 (Double block class)

SPANISH I: This course is an introduction to the Spanish language and its culture. The elements of pronunciation are stressed while communication skills are developed concurrently in four areas: listening comprehension, speaking, writing and reading. Cultural activities are presented throughout the duration of the course.

PREREQUISITE: 2.0 GPA in English and Algebra I (Freshmen students may enroll with screening)

GRADE LEVEL: 9-12 FEE: None CREDIT: 1

SPANISH II: This course consists of intensive drills in listening comprehension, speaking, writing and reading in the target language. The activities and assignments in this course build upon the content covered in Spanish I. The elements of pronunciation and the essentials of grammar and syntax are taught. Cultural activities are presented throughout the duration of the course.

PREREQUISITE: Spanish I GRADE LEVEL: 10-12 FEE: None CREDIT: 1

SPANISH III-DUAL ENROLLMENT 101: Offered during Fall semester ONLY. This course emphasizes advanced communication skills in four areas: listening comprehension, speaking, writing and reading. Students apply skills presented and mastered in levels I and II to 'real life' situations. The elements of pronunciation, grammar and syntax, vocabulary and cultural activities are presented throughout the duration of the course.

PREREQUISITE: C or higher in last English class GRADE LEVEL: 11-12 FEE: None CREDIT: 1

SPANISH III-DUAL ENROLLMENT 102: Offered during Spring semester ONLY. This course is the continuation of Spanish III Dual Enrollment 101. The course emphasizes advanced communication skills in four areas: listening comprehension, speaking, writing and reading. Students apply skills presented and mastered in levels I and II to 'real life' situations. The elements of pronunciation, grammar and syntax, vocabulary and cultural activities are presented throughout the duration of the course.

PREREQUISITE: Spanish DE 101, GRADE LEVEL: 11-12 FEE: None CREDIT:1

SPANISH IV-DUAL ENROLLMENT 201: The course emphasizes proficiency in reading and communication of grammar review by introducing materials of moderate difficulty. The course also emphasizes advanced communication skills in four areas: listening comprehension, speaking, writing and

reading. Students apply skills presented and mastered during 101 & 102 to mid-difficult level. The elements of pronunciation, grammar and syntax, vocabulary and cultural activities are presented throughout the duration of the course.

PREREQUISITE: Spanish DE 101 & 102, teacher recommendation, 92% or higher GPA in Spanish III
GRADE LEVEL: 11-12 FEE: None CREDIT: 1

SPEECH I: Speech I is designed to introduce the student to verbal communication. The course includes a study of the voice and body as tools of communication, an introduction to public speaking, oral interpretation, theater, discussion, debate and media.

PREREQUISITE: None GRADE LEVEL: 9-12 FEE: \$2 CREDIT: 1

SPORTS MEDICINE I: This course will provide an overview of the field of Sports Medicine as well as expose students to fundamental skills involved in Sports Medicine Healthcare setting. Students will learn about the study of medicine and how the field of Sports Medicine is unique in its focus and delivery of healthcare.

PREREQUISITE: Biology I GRADE LEVEL: 10-12 FEE: \$25 CREDIT: 1/2 (Paired with Sports Medicine II)

SPORTS MEDICINE II: This course will provide an overview of the pathology of sports injuries and basic management skills. Students will learn about the body's response to an injury and how to apply emergency action principles and skills. An emphasis is placed on athlete's psychological and sociological response to an injury and coping strategies utilized by healthcare professions to assist them to recovery. Students will also learn the symptomatic process healthcare professionals use when evaluating an injury and planning a rehabilitation plan.

PREREQUISITE: Sports Medicine I GRADE LEVEL: 10-12 FEE: None CREDIT: 1/2 (Paired with Sports Medicine I)

SPORTS MEDICINE III: This course will provide an overview of the common injuries and illnesses in sports and management strategies utilized by healthcare professionals. Students will also work on a variety of projects that require them to synthesize information learned from previous Sports Medicine courses.

PREREQUISITE: Sports Medicine I/II GRADE LEVEL: 10-12 FEE: \$25 CREDIT: 1

STATISTICS-DUAL ENROLLMENT: 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 nonparametric statistics. PREREQUISITES: 11th or 12th grade, C or better in Math 1100 or a 50 or better on College Algebra CLEP, ACT Composite 19, English 18 AND Math 19 subscores

STUDIO ART-ADVANCED PLACEMENT: This course is designed for students who are seriously interested in the practical experience of art and wish to develop mastery in the concept, composition, and

execution of their ideas. You will learn how to develop your own work so that it moves beyond duplication. Artistic integrity and original compositions are emphasized and discussed. Additionally, students will focus on making art through inquiry, investigation, practice, experimentation, revision, communication and reflection. The general learning outcomes for this course are the ability to (1) conduct a sustained investigation through practice, experimentation, and revision, guided by (2) skillfully synthesizing materials, processes, and ideas; and (3) articulate, in writing, information about one's work.

PREREQUISITE: Art I plus Art II or III *OR* Talented Art designation *OR* teacher recommendation
GRADE LEVEL: 11-12 FEE: \$45 CREDIT: 1

STUDIO ART G/T I-IV: A specialized art program for students identified as Talented Art through criteria established at the state level. This course includes the study of the elements and principles of art. It also encourages visits to local museums and participation in art exhibitions.

PREREQUISITE: Must be screened and approved GRADE LEVEL: 9-12 FEE: \$50 CREDIT: 1-4

STUDIO PIANO: Students will learn to read and play music on the piano, gaining technical proficiency through the study and practice of scales, chords, and music literacy fundamentals. Class will be held at the Lafon Performing Arts Center. PREREQUISITE: None/Must be approved by Satellite Center Principal to repeat the course. Grade Level 9-12

TECHNICAL THEATER: Explore the “behind the scenes” elements of production in the following disciplines: art/design, backstage crew, lighting/electrics, and sound, among other subcategories. Learn and apply knowledge and skills to design your own work for a portfolio; act as crew moving sets, props, etc. during shows; operate a spotlight, lighting console, and audio console; set up a PA system and cabling for audio set-ups; and participate in best safety practices, including handling electrics and using proper body mechanics. Academic study and hands-on application provide a practical approach to production. Student workers can earn compensation after 25 hours of teacher approved work in addition to instructional time. Class is held at the Satellite Center in the Education Wing at the Lafon Performing Arts Center . Students may enroll in Technical Theater II, III and IV with Instructor Approval
Grade level: 9-12 Credit: 2 Fee: None

THEATRE DESIGN AND TECHNOLOGY: Explore the “behind the scenes” elements of theatre and live event production with a focus on art and design, carpentry/construction, rigging, props, costumes, makeup, and stage management. Additional areas of interest such as sound, lighting, and projections/video can be explored based on individual interests. Learn and apply knowledge and skills to design your own work for a portfolio; build and paint scenery; create props; alter and sew costumes; practice makeup application and techniques for special effects; and run a production process. Academic study and hands-on application provide a practical approach to production. Team-members can earn a recommendation for compensated work after 25 hours of teacher approved hours in addition to instructional time Class is held at the **Satellite Center** in the Education Wing at the Lafon Performing Arts Center. Grade level: 9-12 Credit: 2 Fee: None

THEATRE G/T I-IV: Course content includes the study of various elements of theater, emphasis on

character development, relationships, and acting skills. There is an extensive participation in all aspects of play production. This is a special education program offered through the

State; therefore, students must go through the state screening process prior to participation in this class.

PREREQUISITE: Must be screened and approved GRADE LEVEL: 9-12 FEE: None CREDIT: 1-4

TECHNICAL WRITING: This course includes skills in verbal and written communication that students will need to be successful in the workplace. Students will know and use the terminology in their chosen field of work. They will understand, summarize, interpret, and compare information from simple to complex graphics to identify trends and to make informed decisions. They will also demonstrate proficiency in writing and presentation skills by producing different technical writing products including formal research reports, formal presentations, and workplace writing (e.g., technical reports, manuals, explanations of how to understand or use a product of service, proposals, memoranda, cover letters). In creating those products, students will demonstrate an understanding of the context in which communication occurs, the ethical issues involved how to identify and address the needs of audiences, and the methods and strategies for organizing and presenting information. This course is available to students who have selected the Jump Start TOPS Tech (Career) Diploma Pathway.

PREREQUISITE: English I, English II & Business English GRADE LEVEL: 12 FEE: None CREDIT: 1

TELEVISION PRODUCTION I: Television Production I is intended to cover the basics of visual and aural mass communication including the specific areas of photography, motion pictures, radio, and television with the primary emphasis on television production. Students should have a basic working knowledge of computers. High levels of creativity are essential for this course. This course is designed to help further their education at the Satellite Center in the field of Television Production

PREREQUISITE: None GRADE LEVEL: 11-12 FEE: \$25 CREDIT: 1

TRIGONOMETRY-DUAL ENROLLMENT: Trigonometric functions and identities, inverse trigonometric functions, graphs, solving triangles and equations, complex numbers, and polar coordinates
PREREQUISITE: 11th or 12th grade, C or better in Math 1100 or a 50 or better on College Algebra CLEP, ACT Composite 19, English 18 AND Math 19 subscores.

US HISTORY : This course provides a survey of political, economic, social and cultural development of the United States from 1870 to present. Current events are included with the historical content. Students will take the LEAP 2025 exam.

PREREQUISITE: None GRADE LEVEL: 11 FEE: None CREDIT: 1

U.S. HISTORY-ADVANCED PLACEMENT: AP US History is a challenging course in a high school setting. It is a survey of American history from the Civil War through the present. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical thinking skills, essay writing, interpretation of original documents and historiography. The volume of material involved in a survey course of US history is extensive and one can expect to do a lot of reading not only in the text, but also from outside sources as well as research both in the library and through the internet. There will be a focus on writing clear and compelling essays and completing

research and analysis of historical data.

PREREQUISITE: Screening GRADE LEVEL: 11-12 FEE: None CREDIT: 1

WELDING I NCCER: Students will learn techniques and develop skills in ARC and MIG welding. Students will use oxy- acetylene torches, plasma-arc cutters, and various power tools for cutting metals. Proper safety and industrial work techniques will be stressed.

PREREQUISITE: General Technology GRADE LEVEL: 10-12 FEE: \$15 + cost of any additional materials used CREDIT: 1

WELDING II NCCER: This course will teach students the fundamentals of welding and oxy-acetylene cutting operations. The NCCER Welding Level I Curriculum will be followed. Students will be exposed to ARC and MIG welding, oxy-acetylene and plasma-arc cutting. Weld preparation and techniques for welding in different positions will be covered.

PREREQUISITE: Welding I GRADE LEVEL: 10-12 FEE: \$15 + cost of any additional materials used CREDIT: 2

WESTERN CIVILIZATION-DUAL ENROLLMENT: The course examines European history from the Renaissance to the end of the Soviet Union. The main themes of the course include the political development of the centralized continental state and parliamentary democracy of English origin, as well as the social, cultural, economic and intellectual forces that accompanied this development. Students will study these political visions in various contexts, including philosophies of state, industrialization, universalism and empire, military growth, and colonialism. The course will also explore the various ideologies that characterized European thought from the French Revolution to the age of totalitarianism; these ideologies contributed to the ongoing political tension between parliamentary and authoritarian philosophies of state organization. PREREQUISITES: 11th or 12th grade, C or better in Science ACT Composite 19, English 18, Math 19 and Science 18 subscores.

WOOD TECHNOLOGY-ADVANCED: This course includes advanced project construction with the use of hand tools and machines. Shop safety and advanced machine processes are emphasized. PREREQUISITE: Basic Wood Technology GRADE LEVEL: 11-12 FEE: \$10 CREDIT: 1

WORLD GEOGRAPHY: The study of geographic landforms, map skills, and the human utilization of geographic resources. World Geography also includes a survey of geographic influences on the growth and behavior of nations.

PREREQUISITE: None GRADE LEVEL: 10-12 FEE: None CREDIT: 1

WORLD HISTORY: The purpose of the World History course is to provide an overview and understanding of the major events of the world from the European explorations of the Americas to the present time. The course is focused on the Western world but integrates US History. The course offers an emphasis on cultural, geopolitical, and technological changes that occur as the emerging nations play out

between the 15th and 21st centuries.

PREREQUISITE: None GRADE LEVEL: 11-12 FEE: None CREDIT: 1

WORLD HISTORY-ADVANCED PLACEMENT: The course highlights the nature of changes in global frameworks and their causes and consequences, as well as comparisons among societies. It emphasizes relevant factual knowledge, leading interpretive issues, and skills in analyzing types of historical evidence. Periodization, explicitly discussed, forms an organizing principle to address change and continuity throughout the course. Specific themes provide further organization to the course, along with consistent attention to contacts among societies that form the course of world history as a field of study.

PREREQUISITE: US History AP GRADE LEVEL: 11-12 FEE: None CREDIT: 1

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