

GOOSE CREEK CISD'S HIGH SCHOOL OPTIONS

FOR THE CLASS OF 2030

APPLICATIONS DUE DECEMBER 1, 2025 AT 11:59 PM



Army NDCC Pathway
at Ross S. Sterling HS

AND

Marine Corps JROTC Pathway
at Goose Creek Memorial HS

NEW!

JROTC NOW AVAILABLE ON THE HIGH SCHOOL OPTIONS APPLICATION!





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It is the policy of GCCISD not to discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities, including educational and extracurricular programs and hiring and employment activities. Furthermore, GCCISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and CTE programs and employment with the District. For information about your rights, the District's non-discrimination policies, or grievance procedures related to these policies, contact the Title IX Coordinator, Matthew Bolinger, Assistant Superintendent (matthew.bolinger@gccisd.net), and/or the Senior Director of Special Programs, Holli Pharis (holli.pharis@gccisd.net), at 4544 I-10 East, Baytown, TX or call 281-420-4800.



Welcome TO HIGH SCHOOL

You are about to make one of the most exciting transitions of your life! You must, however, make several choices to be sure your high school experience is the best it can be.

CAMPUS OPTIONS

Eighth grade students (Class of 2030) have many options when planning for their high school years. All 8th graders will choose a program of study from the traditional high school campus to which they are zoned.

If interested, they may also choose to apply to one of the many high school options that are available.

8TH GRADE PLANNING TIMELINE	
STEP 1: If interested, apply to a career academy, cosmetology program, maritime program, JROTC Program or IMPACT by completing the online application that is available on October 20, 2025.	
10/20/25 – 12/01/25	8TH GRADE HIGH SCHOOL OPTIONS APPLICATION WINDOW 8th grade students interested in applying to a career academy, cosmetology program, maritime program, JROTC Program or IMPACT need to complete the online application that can be found at www.gccisd.net .
12/01/25	8TH GRADE HIGH SCHOOL OPTIONS APPLICATIONS DEADLINE
12/05/25	8TH GRADE HIGH SCHOOL OPTIONS ACCEPTANCE LETTERS DISBURSED TO STUDENTS 8th grade students who are accepted to a career academy, cosmetology program, maritime program, JROTC Program or IMPACT will receive an acceptance letter.
12/08/25 – 12/09/25	8TH GRADE MANDATORY PARENT MEETING Mandatory parent meeting for students accepted into cosmetology program, maritime program, JROTC Program or an academy.
12/08/25 – 12/09/25	8TH GRADE MANDATORY PARENT MEETING FOR IMPACT ACCEPTANCE
1/07/26 – 02/27/26	8TH GRADE 2ND ROUND OF HIGH SCHOOL OPTIONS APPLICATIONS WINDOW OPEN 8th grade students will have the opportunity during the 2nd round of applications to apply online to a career academy, cosmetology program, maritime program, JROTC Program or IMPACT based upon space availability in each program.
STEP 2: High School Course Selection based on Program of Study.	
11/17/25 – 12/12/25	8TH GRADE PROGRAM OF STUDY SELECTION All 8th grade students will select an endorsement and program of study for the campus they are zoned to.



- ▶ Academy of Agricultural Science at Stuart Career Tech HS
- ▶ Advanced Automotive Academy at Stuart Career Tech HS
- ▶ Army NDCC at Ross S. Sterling HS
- ▶ Academy of Culinary Arts at Stuart Career Tech HS
- ▶ Career Academy for Future Educators at Ross S. Sterling HS
- ▶ Cosmetology Program at Robert E. Lee HS
- ▶ Digital Communications Academy at Stuart Career Tech HS
- ▶ Global Business Academy at Goose Creek Memorial HS
- ▶ Health Science Academy at Ross S. Sterling HS
- ▶ IMPACT Early College HS
- ▶ Information Technology Academy at Stuart Career Tech HS
- ▶ Manufacturing & Industrial Maintenance Academy at Stuart Career Tech HS
- ▶ Marine Corps JROTC at Goose Creek Memorial HS
- ▶ Maritime Program at Robert E. Lee HS
- ▶ Science, Technology, Engineering & Math (STEM) Academy at Robert E. Lee HS

Career Academies

The Goose Creek CISD Career Academies are career themed communities. Academy students take classes as a group (cohort) which provides students the opportunity to attend classes with other students with similar interests.

Academic classes integrate the career theme into assignments, with projects that span across multiple subjects. Students learn from a rigorous curriculum, which includes opportunities for Advanced Placement (AP) courses, dual credit courses, career-oriented courses, and college and career learning opportunities directly related to the career theme. Enrichment activities that help students learn more about college and career opportunities are provided each semester and culminate in a senior capstone experience that may include internships, practicums, mentoring or other career-based experiences.

All 8th grade students may apply to any of the Goose Creek CISD Academies regardless of the high school to which they are zoned. The district provides transportation to each of the academies for all students. Academy students at REL, RSS & GCM are eligible for the extra-curricular activities that are available at each of the high schools. All academy students are encouraged to participate in the career and technical student organization connected to their curriculum. SCTHS students can participate in extracurricular activities that are available at their zoned campus.

Early College High Schools

Early College and P-TECH High Schools allow motivated students to earn a college certificate or associate’s degree while completing high school. Most classes are college-level, with some taught by college faculty on college campuses. These schools offer free dual credit courses, academic, social support, and transportation. Admission requires a full application. GCCISD offers four Early College High Schools: IMPACT ECHS, Stuart Career Tech HS, Robert E. Lee HS, and Ross S. Sterling HS. IMPACT and Stuart are wall-to-wall P-TECH campuses, while Robert E. Lee and Ross S. Sterling offer P-TECH as a school within a school model. The P-TECH program at Stuart Career Tech focuses on career pathways and includes industry-aligned experiences through community partnerships.

Traditional Zoned Campus

These high schools are the campuses that students are zoned to attend based upon their address. Each zoned campus offers a comprehensive academic and enrichment curriculum, with many athletic, fine arts, and additional programs to engage students in their high school experience. GCCISD has three traditional high schools: Goose Creek Memorial HS, Robert E. Lee HS and Ross S. Sterling HS.

PROGRAM OPTIONS

AP Program

The AP Program provides GCCISD students with the opportunity to seek college-level studies while still in high school. By taking AP classes and the corresponding exams, a student may earn college credit and/or advanced placement if the student’s exam score meets the criteria set by his/her university or college. By taking an AP course and scoring successfully on the related AP exam, students can save on college expenses.

AVID (Advancement Via Individual Determination)

AVID is an elective that helps students build study, organization, and critical thinking skills to prepare for college. It includes peer and tutor support, enrichment activities, and requires enrollment in at least one rigorous course (AP, Advanced, or dual credit). AVID is offered at career academies, traditional, and early college high schools. An application is required to join.

Career & Technical Education

Goose Creek CISD’s CTE programs offer students the chance to explore college and career paths while staying involved in athletics, fine arts, and other activities. Students gain real-world experience through internships, job shadowing, mentorships. Students also have the opportunity to join CTSOs, earn college credit, and industry

credentials. Programs build academic and employability skills to support future success. Learn more at www.gccisd.net/CTE.

Dual Credit

Dual credit allows high school students to earn both high school and college credit for the same course—saving time and money. To enroll, students must meet with their counselor and get written approval from both their counselor and parent/guardian. Dual credit courses are offered at all GCCISD high schools.

COURSE SELECTION TERMS

This is a brief list of terms related to the high school options in this guide. For more details on planning for high school, college, and careers, see the Educational Planning Guide.

Coherent Sequence of Courses

A coherent sequence of courses is a series of courses specific to a career, that lead to student’s learning the academic and hands-on skills required to be college and career ready upon high school graduation in a program of study.

Endorsement

GCCISD students can earn a graduation endorsement by completing a sequence of courses in a chosen pathway, plus a 4th math, 4th science, and two extra electives. Students can choose from all five Texas Endorsements: Arts & Humanities, Business & Industry, Multidisciplinary, Public Services, and STEM. The STEM endorsement also requires Algebra II, Chemistry, and Physics.

Four-Year Plan

A four-year plan outlines the required and elective courses a student will take in high school to meet graduation requirements and prepare for college or career goals.

Pathways

Every endorsement is broken down into multiple pathways that represent a broad career cluster or career fields that require similar academic and technical knowledge and skills.

Program of Study

A program of study is a comprehensive, structured approach for delivering a coherent sequence of courses that prepare students for postsecondary education and entry level careers in a specific occupation or in closely related occupations, upon high school graduation.

HIGH SCHOOL GRADUATION ENDORSEMENTS

- ▶ Students must select an endorsement in the ninth grade.
- ▶ Students earn an endorsement by completing the curriculum requirements for the endorsement, including a fourth credit of math & science and 2 additional elective credits.

FOUNDATION GRADUATION REQUIREMENTS:



- ▶ **ENGLISH:** 4 credits
- ▶ **MATH:** 3 credits
- ▶ **SCIENCE:** 3 credits
- ▶ **SOCIAL STUDIES:** 3 credits
- ▶ **FOREIGN LANGUAGE:** 2 credits
- ▶ **P.E.:** 1 credit
- ▶ **FINE ARTS:** 1 credit
- ▶ **ELECTIVES:** 5 credits

ARTS & HUMANITIES

A student may earn this endorsement by completing the following:



THE FOUNDATION GRADUATION REQUIREMENTS AND

- ▶ One additional credit in math
- ▶ One additional credit in science, CTE Science or other approved elective

PLUS ONE OF THE FOLLOWING OPTIONS:

FINE ARTS OPTION: A coherent sequence of four (4) credits from one (1) of the following areas OR four (4) credits consisting of two (2) sequential credits from two (2) of the following areas:

- ▶ Art
- ▶ Dance
- ▶ Music
- ▶ Theatre

LANGUAGE OTHER THAN ENGLISH OPTION:

Four (4) levels in the same language other than English OR two (2) levels of one language other than English & two (2) levels of a different language other than English

SOCIAL STUDIES OPTION:

- ▶ Five (5) social studies courses

BUSINESS & INDUSTRY



A student may earn this endorsement by completing the following:

THE FOUNDATION GRADUATION REQUIREMENTS AND

- ▶ One additional credit in math
 - ▶ One additional credit in science or CTE Science
- AND

Completion of a TEA-approved Program of Study, such as:

- ▶ Agriculture, Food & Natural Resources
- ▶ Architecture & Construction
- ▶ Arts, Audio/Video Technology & Communications
- ▶ Business, Marketing & Finance
- ▶ Energy
- ▶ Hospitality & Tourism
- ▶ Information Technology
- ▶ Manufacturing
- ▶ Transportation, Distribution & Logistics

MULTIDISCIPLINARY

A student may earn this endorsement by completing the following:



THE FOUNDATION GRADUATION REQUIREMENTS AND

- ▶ One additional credit in math
- ▶ One additional credit in science or CTE Science

PLUS ONE OF THE FOLLOWING OPTIONS:

4X4 OPTION: Four (4) credits in each of the four foundation subject areas (English, math, science & social studies), including English IV and chemistry and/or physics

ADVANCED COURSE OPTION:

Four (4) Advanced courses that prepare a student to enter the workforce or postsecondary education successfully without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence

COLLEGE LEVEL COURSE OPTION:

Four (4) credits in College Board Advanced Placement or dual credit courses, selected from English, math, science, social studies, economics, foreign language or fine arts.

PUBLIC SERVICES

A student may earn this endorsement by completing the following:



THE FOUNDATION GRADUATION REQUIREMENTS AND

- ▶ One additional credit in math
- ▶ One additional credit in science or CTE Science

PLUS ONE OF THE FOLLOWING OPTIONS:

CTE OPTION:

Completion of a TEA-approved Program of Study, such as:

- ▶ Human Services
- ▶ Education & Training
- ▶ Health Science
- ▶ Law and Public Service

JROTC OPTION:

Four (4) courses in JROTC

SCIENCE, TECHNOLOGY, ENGINEERING & MATH



A student may earn this endorsement by completing the following:

THE FOUNDATION GRADUATION REQUIREMENTS AND

- ▶ One additional credit in math
- ▶ One additional credit in science or CTE Science

PLUS ONE OF THE FOLLOWING OPTIONS

CTE OPTION

Completion of a TEA-approved STEM Program of Study, such as:

- ▶ Engineering
- ▶ Biomedical Science

MATHEMATICS OPTION

Two (2) additional courses for which Algebra II is a prerequisite

SCIENCE OPTION

Two (2) additional science courses

COMBINATION OPTION

A coherent sequence of three (3) additional credits from no more than two of the options above CTE Option



ARMY NDCC PROGRAM AT RSS

The Army National Defense Cadet Corps (NDCC) at Ross S. Sterling High School is a leadership-based program sponsored by the U.S. Armed Forces. The program promotes discipline, civic responsibility, and teamwork while helping students develop self-confidence, communication, and decision-making skills. Through engaging lessons in leadership, military history, fitness, and service, students gain valuable life skills that prepare them for success in both military and civilian careers. The NDCC program at Sterling is modeled after the U.S. Army's JROTC curriculum and offers students a structured, military-style learning environment. Cadets participate in drills, community service, and leadership-building activities that foster responsibility and pride. The program emphasizes the Army's core values: loyalty, duty, respect, selfless service, honor, integrity, and personal

courage, encouraging students to lead by example both in school and in their communities. While joining the military is not required, students who complete at least two years may be eligible for advanced enlistment rank if they choose to enlist after graduation.



DUAL CREDIT / COLLEGE OPTION:

Core Complete (42 hours of academic dual credit through Lee College)

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Level 1 JROTC Course (1 cr.)	Level 2 JROTC Course (1 cr.)	Level 3 JROTC Course (1 cr.)	Level 4 JROTC Course (1 cr.)



MARINE CORPS JROTC AT GOOSE CREEK MEMORIAL

The Marine Corps Junior Reserve Officer's Training Corps (MCJROTC) program at Goose Creek Memorial High School provides students with a structured environment to develop leadership, discipline, and confidence. Rooted in the core values of honor, courage, and commitment, the program combines physical training, academic instruction, and community service to foster personal growth and civic responsibility. Cadets engage in activities such as drill, fitness, and lessons in leadership, citizenship, and military history—all designed to build integrity, teamwork, and strong decision-making skills. While not a military recruitment program, MCJROTC prepares students for leadership roles in any future path they

choose, college, career, or service. While joining the military not required, students who complete at least two years may be eligible for advanced enlistment rank if they choose to enlist after graduation.

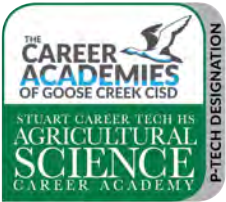


DUAL CREDIT / COLLEGE OPTION:

Core Complete (42 hours of academic dual credit through Lee College)

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Level 1 JROTC Course (1 cr.)	Level 2 JROTC Course (1 cr.)	Level 3 JROTC Course (1 cr.)	Level 4 JROTC Course (1 cr.)

COURSE COLOR CODES: 1st Year Course(s) 2nd Year Course(s) 3rd Year Course(s) 4th Year Course(s)



ACADEMY OF AGRICULTURAL SCIENCES AT SCTHS

Students in the Academy of Agricultural Sciences follow the Veterinary Assistant pathway, which provides a strong academic foundation with an emphasis on hands-on learning and real-world problem solving. This pathway prepares students to sit for the Certified Veterinary Assistant Exam, offered through the Texas Veterinary Medical Association. Through rigorous coursework and practical experience, students gain essential knowledge in animal care, veterinary procedures, and clinical practices. Students are well prepared to enter the workforce directly or continue their post-secondary education to pursue careers such as Veterinary Technician or Veterinarian. Special program opportunities include assisting in the operation of Spa 4 Paws, participating in job shadowing experiences, and attending conferences and guest speaker presentations—all of which enrich the student experience and provide valuable insights into the veterinary field. Additionally, students can participate in the Stuart FFA Chapter, a Career and Technical Student Organization

dedicated to the advancement of agricultural education. Students have the opportunity to graduate with a Business & Industry Endorsement and earn a Performance Acknowledgment through college credits and industry-based certifications.



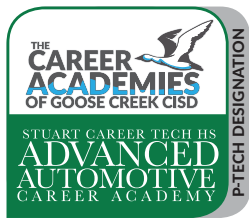
DUAL CREDIT / COLLEGE OPTIONS:

Core Complete (42 hours of academic dual credit through Lee College)

GRADE 9	GRADE 10	GRADE 11	GRADE 12
004-BI-VETERINARY ASSISTANT			
Principles of Agriculture, Food & Natural Resources (1cr.) AND Greenhouse Operation and Production (1 cr.)	Small Animal (.5 cr.) AND Equine Science (.5 cr.) AND Livestock Production (1 cr.)	Veterinary Medical Application / Agricultural Laboratory and Field Experience (2 cr.)	Practicum in Agriculture, Food and Natural Resources in Vet Science (3 cr.)

Plant Science courses are offered based on student interest and enrollment numbers and are not guaranteed each year. Available courses may include **Floral Design**, **Horticulture Science**, and **Practicum in Plant Science**.

COURSE COLOR CODES: 1st Year Course(s) 2nd Year Course(s) 3rd Year Course(s) 4th Year Course(s)



ADVANCED AUTOMOTIVE ACADEMY AT SCTHS

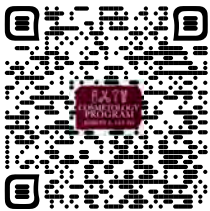
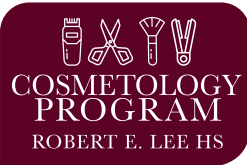
In the Advanced Automotive Academy, students learn the skills required to begin a successful career in the automotive, collision and diesel repair industries. Academic and technical classes combine automotive workplace knowledge and skills in an integrated curriculum. Partnering with Lee College and Lamar Institute of Technology, students can earn both high school and college credit for many of their academic and technical courses. Four years in the Advanced Automotive Academy will lead students to a Business & Industry Endorsement, a college associate degree or certificate, along with Performance Acknowledgments for earning Automotive Service Excellence (ASE) and ICAR certifications. Seniors may participate in internships, and scholarships are available to graduates.

DUAL CREDIT PROGRAMS:

- Associate of Applied Science – Automotive Technology (Lee College)
- Certificate of Completion – Automotive Collision (Lamar Institute of Technology)
- Certificate of Completion – Advanced Engine Repair (Lamar Institute of Technology)

GRADE 9	GRADE 10	GRADE 11	GRADE 12
007-BI-AUTOMOTIVE TECHNICIAN			
Dual Credit Automotive (2 cr.)	Dual Credit Automotive (2 cr.)	Dual Credit Automotive (2 cr.)	Dual Credit Automotive (3 cr.)
007-BI-COLLISION TECHNICIAN			
Dual Credit Automotive (2 cr.)	Dual Credit Automotive (2 cr.)	Dual Credit Collision (2 cr.)	Dual Credit Collision (3 cr.)
007-BI-DIESEL TECHNICIAN			
Dual Credit Automotive (2 cr.)	Dual Credit Automotive (2 cr.)	Dual Credit Diesel (2 cr.)	Dual Credit Diesel (3 cr.)

COURSE COLOR CODES: 1st Year Course(s) 2nd Year Course(s) 3rd Year Course(s) 4th Year Course(s)



COSMETOLOGY PROGRAM AT REL

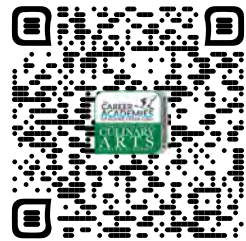
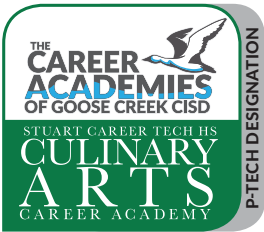
The Cosmetology Program at Lee High School is designed to meet the needs of high school students who desire to enter the personal care services industry in a minimum amount of time. Lee HS partners with Lee College to provide students the opportunity to earn both high school and college credit for their cosmetology classes. The program provides the student with the technical background and experience necessary to develop the skills and theoretical knowledge required to pass the Texas Department of Licensing and Regulation Examination to become a licensed Cosmetology Operator and to gain employment in professional salons.

DUAL CREDIT PROGRAM:

Certificate of Completion Cosmetology Operator Level 1 (Lee College)

GRADE 9	GRADE 10	GRADE 11	GRADE 12
013-PS-COSMETOLOGY			
Dual Credit Cosmetology Courses (2 cr.)	Dual Credit Cosmetology Courses (2 cr.)	Dual Credit Cosmetology Courses (2 cr.)	Dual Credit Cosmetology Courses (2 cr.)

COURSE COLOR CODES: 1st Year Course(s) 2nd Year Course(s) 3rd Year Course(s) 4th Year Course(s)



ACADEMY OF CULINARY ARTS AT SCTHS

Students in the Academy of Culinary Arts pursue their passion for creating nutritious, delicious dishes while earning college credits and industry certifications. With a dedicated team of teachers at each grade level, academic and technical classes are integrated with culinary themes, and projects often span multiple courses for a hands-on, real-world learning experience. Students gain valuable industry experience by working in the onsite restaurant, the Titan Table, catering school and community events, and completing internships with local businesses. These opportunities allow them to build skills in food preparation, customer service, and event planning. By graduation, Culinary Arts students earn a Business & Industry

Endorsement, along with Performance Acknowledgments for completing Lee College dual credit courses, earning an associate degree or certificate, and obtaining industry-based certifications, preparing them for both the workforce and continued education.

DUAL CREDIT PROGRAM:

Associate of Applied Science – Culinary Arts (Lee College)



GRADE 9	GRADE 10	GRADE 11	GRADE 12
014-BI-CULINARY ARTS			
Dual Credit Culinary (2 cr.)	Dual Credit Culinary (2 cr.)	Dual Credit Culinary (2 cr.)	Dual Credit Culinary (3 cr.)

COURSE COLOR CODES: ■ 1st Year Course(s) ■ 2nd Year Course(s) ■ 3rd Year Course(s) ■ 4th Year Course(s)



DIGITAL COMMUNICATIONS ACADEMY AT SCTHS

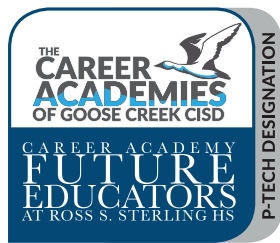
Students in the Digital Communications Academy explore a wide range of audio, video, and digital media formats as they prepare for careers in digital communications. Courses in this pathway equip students with the skills needed for roles in TV broadcasting, advertising, video production, and motion pictures. Students also gain hands-on experience operating industry standard equipment such as microphones, soundboards, video cameras, projectors, and editing software. Throughout the program, students develop technical and creative skills, culminating in their senior year when they produce their own original films—applying everything they’ve learned in a professional-style project that showcases their abilities. By the time they graduate with a Business & Industry Endorsement, students also earn Performance Acknowledgments for completing a certificate through Houston Community College dual credit classes and achieving industry certifications, preparing them for both higher education and entry into the workforce.

DUAL CREDIT PROGRAM:

Certificate of Completion in Filmmaking – Film/video Production Level 1 (Houston City College)

GRADE 9	GRADE 10	GRADE 11	GRADE 12
017-BI-AUDIO, VIDEO TECH & FILM			
Digital Media (1 cr.) & Commercial Photography (1 cr.)	Dual Credit Audio Video Production (2 cr.)	Dual Credit Audio Video Production (2 cr.)	Dual Credit Audio Video Production (2 cr.)

COURSE COLOR CODES: 1st Year Course(s) 2nd Year Course(s) 3rd Year Course(s) 4th Year Course(s)



CAREER ACADEMY FOR FUTURE EDUCATORS AT RSS

The Career Academy for Future Educators (CAFÉ) at Sterling prepares students for a career in Education. Students engage in exciting education curriculum, job shadowing, internships and college preparation activities. With a team of teachers at each grade level, students' academic and technical classes integrate related education activities into their coursework and projects that span across academy classes. Business partners such as GCCISD Elementary, Junior, and High School campuses, Fueling Brains and local daycare centers provide students with internship opportunities to explore the vast field of teaching. Students participate in Career and Technical Student Organizations, where they have the opportunity to compete against other students in education related events. Academy students earn a Public Service Endorsement with Performance Acknowledgments by earning CPR and Education Aide (after graduation). They are also eligible for the BAER2 scholarship upon graduation. Students will have the opportunity to take courses towards earning an Associate of Arts in teaching.

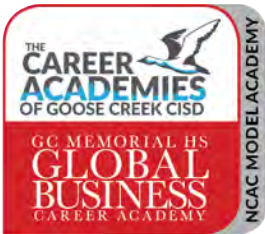
DUAL CREDIT PROGRAM:

Associate of Arts - Teaching (Lee College)

Core Complete (42 hours of academic dual credit through Lee College)

GRADE 9	GRADE 10	GRADE 11	GRADE 12
050-PS-TEACHING AND TRAINING			
Principles of Education & Training (1 cr.)	Child Development (1 cr.)	Instructional Practices (2 cr.)	Practicum in Education and Training (2 cr.) / Dual Credit Education (2 cr.)

COURSE COLOR CODES: ■ 1st Year Course(s) ■ 2nd Year Course(s) ■ 3rd Year Course(s) ■ 4th Year Course(s)



GLOBAL BUSINESS ACADEMY AT GCM

The Global Business Career Academy at Goose Creek Memorial (GCM) offers students engaging business curriculum, along with opportunities for job shadowing, internships, career certifications, and preparation for college and the business world. Students within the academy can select from two distinct pathways: Business Management and Business Dual Credit Associates Plan all featuring rigorous and coherent sequences of business courses. Supported by dedicated teachers at every grade level, students seamlessly integrate related business activities into their academic and technical coursework across all academy classes. In their senior year, students have the opportunity to secure internships

at institutions such as Beacon Federal Credit Union, Houston Methodist Hospital, Chick-fil-A, and other businesses aligned with their interests and chosen pathway, ultimately earning a Business & Industry Endorsement with Performance Acknowledgments through industry-based certifications.



DUAL CREDIT / COLLEGE OPTIONS:

Associate of Arts – Business Field of Study (Lee College)

Core Complete (42 hours of academic dual credit through Lee College)

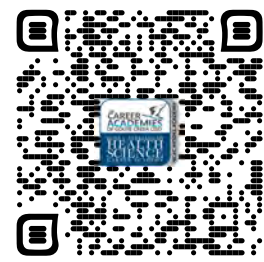
GRADE 9	GRADE 10	GRADE 11	GRADE 12
011-BI-BUSINESS MANAGEMENT			
Business Information Management 1A (.5 cr.) / Dual Credit Business (.5 cr.)	Honors Human Resource (.5 cr.) & Honors Global Business (.5 cr.)	Honors Business Management (1 cr.)	Practicum in Business Management (2 cr.)
011-BI-ASSOCIATES OF ART - BUSINESS FIELD OF STUDY			
Business Information Management 1A (.5 cr.) / Dual Credit Business (.5 cr.)	Dual Credit Business (1 cr.)	Dual Credit Business (1 cr.)	Business Management (1 cr.) or Practicum in Business Management (2 cr.)

COURSE COLOR CODES: 1st Year Course(s) 2nd Year Course(s) 3rd Year Course(s) 4th Year Course(s)



ROSS S. STERLING HS
HEALTH SCIENCE
CAREER ACADEMY

NCAC MODEL ACADEMY
P-TECH DESIGNATION



HEALTH SCIENCE ACADEMY AT RSS

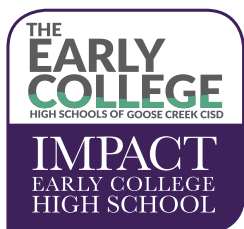
For careers in biomedical and health sciences, the Sterling Health Science Career Academy places students on a path of excellence. Academy students complete the Project Lead the Way-Biomedical Science Pathway. They also have the opportunity to take additional courses from the Healthcare Diagnostics & Therapeutics pathway and EMT Level 1 Certificate pathway. Students have an opportunity to take courses towards earning an Associates degree from Lee College. In the Biomedical Science pathway, students explore and find solutions to some of the most pressing medical challenges. Students step into roles of biomedical science professionals and investigate topics including human medicine, physiology, genetics, microbiology and public health. Courses from the Healthcare Diagnostics & Therapeutics pathway allow students to explore healthcare careers, learn the language of medicine, learn common healthcare skills, and have the opportunity to observe in various healthcare settings around Baytown. Students can take a practicum course, where they can earn a CNA, CCMA, Pharmacy Technician, EKG, or Phlebotomy certification. In the EMT pathway, students take dual credit courses to earn a level 1 certificate in EMT at Lamar Institute of Technology. In the EMT course, students participate in emergency room and ambulance clinicals. Academy students also have an opportunity to earn other certifications such as Stop-the-Bleed, Teen CERT and CPR.

DUAL CREDIT / COLLEGE OPTIONS:

Associate of Science OR Associate of Arts – Healthcare Focus (Lee College)
Core Complete Based on Science/Math Coursework (42 hours of academic dual credit through Lee College)

GRADE 9	GRADE 10	GRADE 11	GRADE 12
009-STEM-BIOMEDICAL SCIENCE			
Principles of Biomedical Science (1 cr.)	Human Body Systems (1 cr.)	Medical Interventions (1 cr.)	Biomedical Innovations (1 cr.) and/or Practicum in Health Science (2 cr.)

COURSE COLOR CODES: 1st Year Course(s) 2nd Year Course(s) 3rd Year Course(s) 4th Year Course(s)



Impact Students on Lee College Debate Team

DUAL CREDIT PROGRAMS:

ASSOCIATE OF ARTS

- ▶ **Behavioral Science**
Counselor, Psychologist, Human Resource Specialist, Behavioral Health Manager, Behavioral Scientist, Anthropologist, Autism Specialist, Politician
- ▶ **Communications**
Public Relations, Social Media Specialist, Human Resources, Journalism, Sales, Publishing, Event Planner, Politician
- ▶ **Criminal Justice**
Police Officer, Probation Officer, Security, Forensic Psychologist, Paralegal, Lawyer, Private Investigator, Detective
- ▶ **Social Science**
Social Worker, Political Scientist, Psychologist, Counselor, Economist, Lawyer, Urban Planner Sociologist

ASSOCIATE OF SCIENCE

- ▶ **Biology**
Doctor, Microbiologist, Zoologist, Registered Nurse, Biomedical Engineer, Marine Biologist, Health Educator, Dentist, Physician Assistant
- ▶ **Chemistry**
Chemical Engineer, Laboratory Technician, Chemist, Forensic Scientist, Food Chemist, Teacher, Pharmaceuticals, Research Chemist
- ▶ **Environmental Science**
Environmental Scientist, Environmental Engineer, Scientist, Data Analyst, Wildlife Biologist, Teacher, Ecologist, Geologist
- ▶ **Geology**
Petroleum Geologist, Science Teacher, Astrogeologist or Planetary Geologist, Engineering Geologist, Oceanographer, Geology Professor, Geological Surveyor, Environmental Consultant
- ▶ **Math**
Engineer, Financial Planner, Budget Analyst, Economist, Data Analyst, Software Engineer, Teacher, Mathematician, Computer Programmer
- ▶ **Physics**
Data Analyst, Professor, Meteorologist, IT Consultant, Aerospace Engineer, Scientist, Design Engineer, Astronomer



Impact Students graduating from Lee College

How can I get more information?

Students and parents may call IMPACT, 281-420-4802, or visit our campus website: <http://www.gccisd.net/IMPACT>.

IMPACT Early College High School uniquely serves students who are eager to complete college work while also attending high school. Through our partnership with neighboring Lee College, IMPACT enables highly-motivated students to complete four years of high school while also potentially earning an associate degree or core-complete designation. After graduation from IMPACT, students are expected to pursue their bachelor's degree or higher postsecondary degrees. IMPACT ECHS is the only GCCISD campus to offer an immersive high school and college experience.

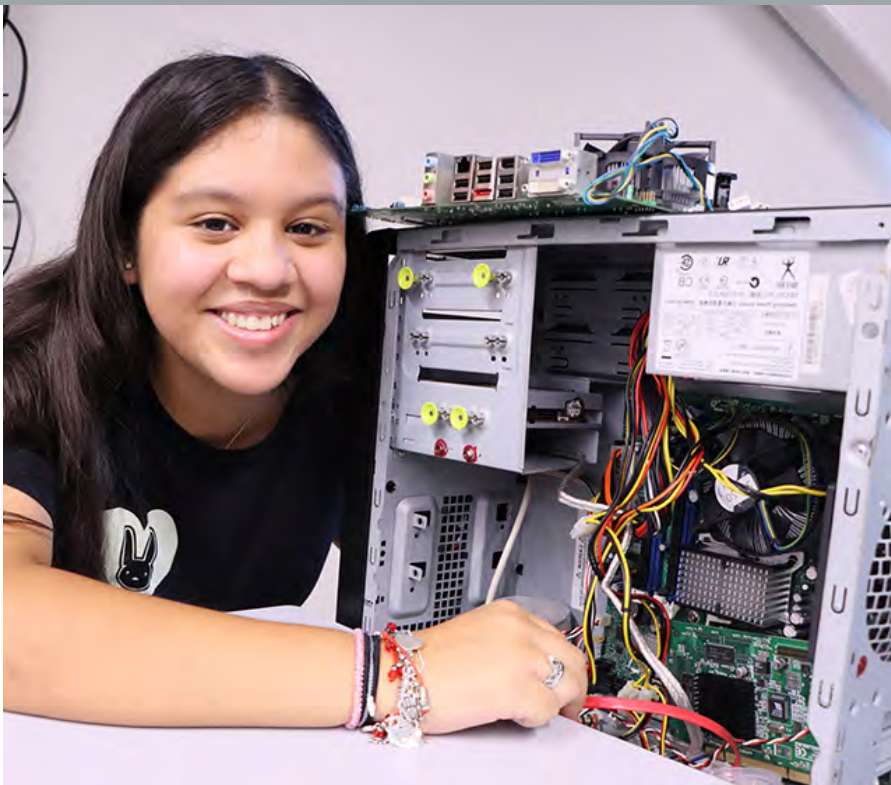
Why choose IMPACT?

- ▶ We successfully guide students through the blended high school and college experience
- ▶ We offer students a seamless transition between high school and college
- ▶ Our students are in college classes as soon as they start 9th grade.
- ▶ Our students have access to Lee College support services, including college advising, career counseling, student activities, and tutorial services
- ▶ Our students are allowed to participate in extracurricular activities at their zoned campus, but academics always come first
- ▶ We offer students tuition-free college credit that also satisfies high school requirements.



IMPACT has been recognized by national and local organizations:

- ▶ *US News* and *World Report's* Best High Schools.
- ▶ Recognized by *Newsweek* as a top school preparing economically-challenged children for college.
- ▶ Ranked as one of the Best Schools through Niche, including recognition as a Niche Standout High School in America.
- ▶ Received an "A" from *Houston Magazine's* list of Top Houston Public Schools.



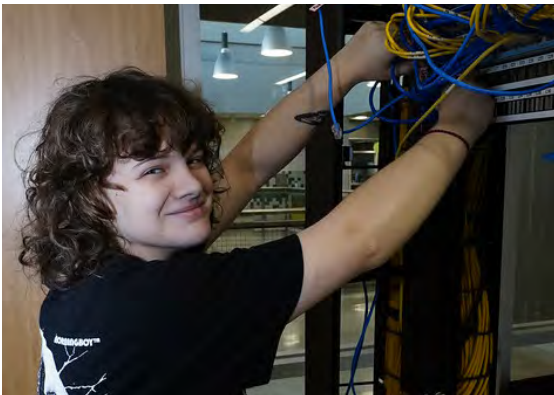
INFORMATION TECHNOLOGY ACADEMY AT SCTHS

In the Information Technology Academy, students gain the skills needed for a successful career in the computer systems and support industry, with a strong focus on networking and cybersecurity. The Networking Systems Pathway equips students with hands-on experience in building, maintaining, and securing computer networks. Students learn how to troubleshoot hardware and software issues, configure network devices, and implement security measures to protect data and systems. Throughout the pathway, students use professional grade equipment and simulation tools to solve real-world IT challenges. By the time they graduate, students in the Networking Systems Pathway will have

the opportunity to earn an Associate of Applied Science in Computer Networking, Maintenance, and Technology from Lee College through dual credit courses, along with industry-based certifications that give them a competitive edge in both higher education and the job market.

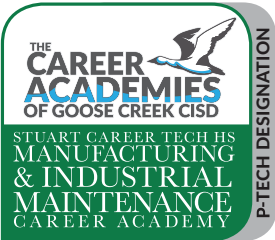
DUAL CREDIT PROGRAMS:

Associate of Applied Science – Computer Networking, Maintenance and Tech (Lee College)



GRADE 9	GRADE 10	GRADE 11	GRADE 12
042-BI-IT NETWORKING SYSTEMS			
Dual Credit IT (2 cr.)	Dual Credit IT (2 cr.)	Dual Credit IT (2 cr.)	Dual Credit IT (2 cr.)

COURSE COLOR CODES: 1st Year Course(s) 2nd Year Course(s) 3rd Year Course(s) 4th Year Course(s)



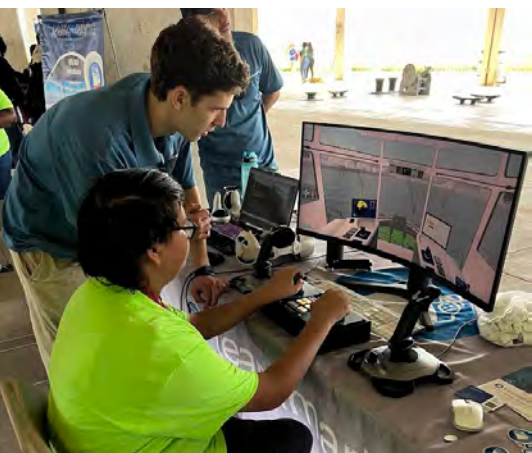
MANUFACTURING & INDUSTRIAL MAINTENANCE ACADEMY AT SCTHS

Students in the Manufacturing and Industrial Maintenance Academy learn about the many exciting careers in the petrochemical industries from entry-level craft occupations to careers requiring two- and four-year college degrees. With a team of teachers at each grade level, students' academic and technical classes integrate related manufacturing activities into their coursework with projects that span across academy classes to introduce how industry and technology work together to create the products we use every day. Careers in manufacturing and industrial maintenance offer exciting opportunities to academy students in designing and improving products, operating high-tech equipment, and analyzing problems to develop creative solutions. In addition to working on their associate degree or certificate in welding or pipefitting students can earn a Business and Industry Endorsement with Performance Acknowledgments by earning NCCER, AWS and other credentials and certifications.

- DUAL CREDIT PROGRAMS:
- Associate of Applied Science – Pipefitting (Lee College)
- Associate of Applied Science – Welding (Lee College)

GRADE 9	GRADE 10	GRADE 11	GRADE 12
046-BI-PIPEFITTING			
Dual Credit Pipefitting (2 cr.)	Dual Credit Pipefitting (2 cr.)	Dual Credit Pipefitting (2 cr.)	Dual Credit Pipefitting (2 cr.)
060-BI-WELDING			
Dual Credit Welding (2 cr.)	Dual Credit Welding (2 cr.)	Dual Credit Welding (2 cr.)	Dual Credit Welding (2 cr.)

COURSE COLOR CODES: 1st Year Course(s) 2nd Year Course(s) 3rd Year Course(s) 4th Year Course(s)





MARITIME PROGRAM
ROBERT E. LEE HS



MARITIME PROGRAM
ROBERT E. LEE HS

MARITIME PROGRAM AT REL

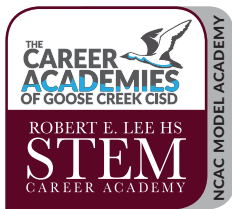
Students in the Maritime Program at Robert E. Lee High School have the unique opportunity to dive into a specialized curriculum tailored to the growing and essential maritime industry. This program prepares students for a range of careers related to maritime operations by introducing them to topics such as vessel navigation, maritime laws and regulations, vessel maintenance procedures, traffic control systems, and the use of communications and navigational equipment—all aligned with federal safety standards. Through the use of state-of-the-art simulation equipment, students gain practical experience operating virtual vessels in real-world scenarios, helping them build confidence and technical expertise. Students will also earn professional certifications that boost their employability and readiness for postsecondary opportunities. With Baytown’s proximity to the Port of Houston, one of the largest ports in the United States, students benefit from direct access to maritime professionals, field trips, and mentorships. Students will take dual credit maritime courses at San Jacinto College Maritime Campus, while continuing their high school coursework at Lee High School.

DUAL CREDIT / COLLEGE OPTION:

Certificate of Technology in Maritime (San Jacinto College)

GRADE 9	GRADE 10	GRADE 11	GRADE 12
058-BI-MARITIME			
Principles of Distribution and Logistics (1 cr.)	Dual Credit Maritime (2 cr.)	Dual Credit Maritime (2 cr.)	Dual Credit Maritime (2 cr.)

COURSE COLOR CODES: 1st Year Course(s) 2nd Year Course(s) 3rd Year Course(s) 4th Year Course(s)



SCIENCE, TECHNOLOGY, ENGINEERING & MATH ACADEMY AT REL

Lee High School hosts the Science, Technology, Engineering and Mathematics (STEM) Career Academy for Goose Creek CISD. The academy is ideal for students pursuing careers in high-demand STEM industries. Students can choose between the engineering , robotics, or instrumentation pathway. The STEM Academy’s PLTW (Project Lead The Way) courses challenge students with engaging, hands-on projects that strengthen their collaboration and critical thinking skills, equipping them with knowledge they will use both in school and beyond. In the Engineering Pathway, students tackle real-world challenges through hands-on design projects that

foster creativity and prepare them for college level engineering programs. The Robotics Pathway introduces students to automation, coding, and mechanical systems as they build and program robots for competitions and practical applications. The Instrumentation Pathway focuses on industrial measurement and control systems, offering students the opportunity to earn dual credit through Lee College. Across all pathways, students gain valuable skills through PLTW (Project Lead The Way) courses and benefit from industry-based certifications, as well as partnerships with organizations such as ExxonMobil, Samson, and the City of Baytown.



DUAL CREDIT / COLLEGE OPTIONS:

Associate of Applied Science – Instrumentation Technology (Lee College)

Core Complete (42 hours of academic dual credit through Lee College)

GRADE 9	GRADE 10	GRADE 11	GRADE 12
022-STEM-ENGINEERING			
Introduction to Engineering Design (1 cr.)	Environmental Sustainability (1 cr.)	Engineering Science (1 cr.)	Engineering Design & Development (1 cr.)
049-STEM-INSTRUMENTATION			
Introduction to Engineering Design AC (1 cr.)	Dual Credit Instrumentation (2 cr.)	Dual Credit Instrumentation (2 cr.)	Dual Credit Instrumentation (2 cr.)
02-BI-ROBOTICS			
Introduction to Engineering Design AC (1 cr.)	Robotics I (1 cr.)	Robotics II (1 cr.)	Engineering Design & Development (1 cr.)

COURSE COLOR CODES: 1st Year Course(s) 2nd Year Course(s) 3rd Year Course(s) 4th Year Course(s)



Program of Study Options – Class of 2030

COURSE COLOR CODES: ■ 1st Year Course(s) ■ 2nd Year Course(s) ■ 3rd Year Course(s) ■ 4th Year Course(s)

ARTS & HUMANITIES ENDORSEMENT OPTIONS

1D-AH-DANCE: Dance I/Drill Team I (1 cr.) | Dance II OR Drill Team II (1 cr.) | Dance III / Drill Team III (1 cr.) | Dance IV / Drill Team IV (1 cr.)

3D-AH-MUSIC: Band I, Choir I OR Orchestra I (1 cr.) | Band II, Choir II, OR Orchestra II (1 cr.) | Band III, Choir III, Orchestra III OR Instrumental Ensemble (1 cr.) | Band IV, Choir IV, Orchestra IV OR AP Music Theory (1 cr.)

14D-AH-SPANISH: Spanish I OR Spanish for Native Speakers I (1 cr.) | Spanish II OR Spanish for Native Speakers II (1 cr.) | Honors Spanish III OR Spanish for Native Speakers III (1 cr.) | AP Spanish Language (1 cr.) OR AP Spanish Literature (1 cr.)

14-D-AH-LANGUAGE OTHER THAN ENGLISH: Completion of 2 years of 2 languages: American Sign Language, French, Spanish, or Spanish for Native Speakers

17D-AH-SOCIAL STUDIES: World Geography (1 cr.) | World History (1 cr.) | U.S. History Since 1877 (1 cr.) | Government & Economics (1 cr.) + 1 additional SS course

6D-AH-THEATRE ARTS: Theatre Arts I, Technical Theatre I, OR Theatre Production I (1 cr.) | Theatre Arts II, Technical Theatre II, OR Theatre Production II (1 cr.) | Theatre Arts III, Tech Theatre III, OR Theatre Prod III (1 cr.) | Theatre Arts IV, Tech Theatre IV, OR Theatre Prod IV (1 cr.)

9D-AH-VISUAL ARTS: Art I (1 cr.) | Art II 2-D OR 3-D (1 cr.) | Art III 2-D, 3-D OR AP Studio Art Design OR Drawing OR AP Art History (1 cr.) | Art IV 2-D, 3-D OR AP Studio Art Design OR Drawing OR AP Art History (1 cr.)

MULTIDISCIPLINARY ENDORSEMENT OPTIONS

65D-MS-ADVANCED COURSE OPTION: 4 Advanced Academic

66D-MS-COLLEGE CREDIT OPTION: 4 credits in Advanced Placement OR Academic Dual Credit

68D-MS-4X4 OPTION: 4 credits in each of the following areas: English, Math, Science (incl. Chemistry AND/OR Physics), and Social Studies

GLOBAL BUSINESS ACADEMY (APPLICATION REQUIRED)

011-BI-BUSINESS MANAGEMENT: Business Information Management 1A (.5 cr.)/Business DC (.5 cr.) | Business Information Management (1 cr.) | Global Business (.5 cr.) AND Human Resources (.5 cr.) | Business Management OR Practicum in Business Management (2 cr.)

011-BI-ASSOCIATES OF BUSINESS: Business Information Management 1A (.5 cr.)/Business DC (.5 cr.) | Business DC (1 cr.) | Business DC (1 cr.) | Business Management (1 cr.) OR Practicum in Business Management (2 cr.)

Please complete the online application in to apply for this program.

BUSINESS & INDUSTRY ENDORSEMENT OPTIONS

004-BI-ANIMAL SCIENCE: Principles of AFNR (1 cr.) | Equine Science (.5 cr.) AND Small Animal Mgmt. (.5 cr.) | Livestock Production (1 cr.)^a | Advanced Animal Science^a (1 cr.) OR Practicum in AFNR–Agriscience Center^a (2 cr.)

012-BI-CONSTRUCTION: Principles of Construction (1 cr.) | Construction Technology I (2 cr.) | Construction Technology II^a (2 cr.) | Practicum in Construction Technology (2 cr.)

029-BI-GRAPHIC & FASHION DESIGN (YEARBOOK): Digital Media (1 cr.) | Fashion I (1 cr.) OR Commercial Photography | Fashion II (1 cr.) OR Graphic Design & Illustration 1-Yearbook I (1 cr.) | Graphic Design & Illustration 2-Yearbook II^a (2 cr.)

005-BI-AGRICULTURAL TECHNOLOGY & MECHANICAL SYSTEMS: Principles of AFNR (1 cr.) | Agricultural Mechanics & Metal Tech (1 cr.) | Agricultural Structures Design & Fabrication^a (1 cr.) | Agricultural Equipment Design & Fabrication^a (1 cr.) OR Practicum in AFNR–Agriscience Center^a (2 cr.)

060-BI (2)-WELDING: Program starts 10th / Application Based | Intro to Welding (1 cr.) | Practicum in Welding^a (2 cr.) | Practicum in Welding II^a (2 cr.)

034-BI-HVAC: Principles of Construction (1 cr.) | Construction Technology 1 (2 cr.) | HVAC Courses (2 cr.) / DC | HVAC Courses (2 cr.) / DC

018-BI-LOGISTICS: Program starts 11th Logistics DC (2 cr.) | Logistics DC (2 cr.)

PUBLIC SERVICES ENDORSEMENT OPTIONS

033-PS-HEALTHCARE DIAGNOSTICS & THERAPEUTIC: Principles of Health Science (1 cr.) | Medical Terminology (1 cr.) | Health Science Theory (1 cr.) | Practicum in Health Science^a (2 cr.) AND/OR Anatomy & Physiology^a (1 cr.) OR DC Anatomy & Physiology^a (1 cr.)

036-PS-LAW ENFORCEMENT: DC Law Enforcement | DC Law Enforcement | DC Law Enforcement | Forensic Science^a (1 cr.) AND/OR Practicum in Law Enforcement (2 cr.) OR DC Law Enforcement

MARINE CORPS JROTC (APPLICATION REQUIRED)

84D-PS-MARINE JROTC: ROTC I–Leadership Education 1 (1cr.) | ROTC II–Leadership Education 2 (1cr.) | ROTC III–Leadership Education 3 (1cr.) | ROTC IV–Leadership Education 4 (1cr.)

Please complete the online application in to apply for this program.

STEM ENDORSEMENT OPTIONS

(ALGEBRA II, CHEMISTRY & PHYSICS + 5TH MATH + 5TH SCIENCE REQUIRED)

91D-STEM-MATH: (5 credits in math)

92D-STEM-SCIENCE: (5 credits in Science)

99D-STEM-COMBINATION: (5 credits in Math/Science/Engineering)

047-STEM-PROGRAMMING & SOFTWARE DEVELOPMENT: Fundamentals of Computer Science (1 cr.) | Game Programming and Design (1 cr.) | Computer Science I (1 cr.) OR OnRamps Computer Science (1 cr.) | Computer Science II (1 cr.)

Courses subject to change based upon student interest & campus availability. For College Courses, TSI requirements must be met and additional fees may apply.

^a Advanced CTE Course

DC Denotes Dual Credit College Course



Program of Study Options – Class of 2030

COURSE COLOR CODES: ■ 1st Year Course(s) ■ 2nd Year Course(s) ■ 3rd Year Course(s) ■ 4th Year Course(s)

ARTS & HUMANITIES ENDORSEMENT OPTIONS

1D-AH-DANCE: Dance I/Drill Team I (1 cr.) | Dance II OR Drill Team II (1 cr.) | Dance III / Drill Team III (1 cr.) | Dance IV / Drill Team IV (1 cr.)

3D-AH-MUSIC: Band I, Choir I OR Orchestra I (1 cr.) | Band II, Choir II, OR Orchestra II (1 cr.) | Band III, Choir III, Orchestra III OR Instrumental Ensemble (1 cr.) | Band IV, Choir IV, Orchestra IV OR AP Music Theory (1 cr.)

14D-AH-SPANISH: Spanish I OR Spanish for Native Speakers I (1 cr.) | Spanish II OR Spanish for Native Speakers II (1 cr.) | Honors Spanish III OR Spanish for Native Speakers III (1 cr.) | AP Spanish Language (1 cr.) OR AP Spanish Literature (1 cr.)

14-D-AH-LANGUAGE OTHER THAN ENGLISH: Completion of 2 years of 2 languages: American Sign Language, French, Spanish, or Spanish for Native Speakers

17D-AH-SOCIAL STUDIES: World Geography (1 cr.) | World History (1 cr.) | U.S. History Since 1877 (1 cr.) | Government & Economics (1 cr.) + 1 additional SS course

6D-AH-THEATRE ARTS: Theatre Arts I, Technical Theatre I, OR Theatre Production I (1 cr.) | Theatre Arts II, Technical Theatre II, OR Theatre Production II (1 cr.) | Theatre Arts III, Tech Theatre III, OR Theatre Prod III (1 cr.) | Theatre Arts IV, Tech Theatre IV, OR Theatre Prod IV (1 cr.)

9D-AH-VISUAL ARTS: Art I (1 cr.) | Art II 2-D OR 3-D (1 cr.) | Art III 2-D, 3-D OR AP Studio Art Design OR Drawing OR AP Art History (1 cr.) | Art IV 2-D, 3-D OR AP Studio Art Design OR Drawing OR AP Art History (1 cr.)

BUSINESS & INDUSTRY ENDORSEMENT OPTIONS

004-BI-ANIMAL SCIENCE: Principles of AFNR (1 cr.) | Equine Science (.5 cr.) AND Small Animal Mgmt. (.5 cr.) | Livestock Production^a (1 cr.) | Advanced Animal Science^a (1 cr.) OR Practicum in AFNR–Agriscience Center^a (2 cr.)

029-BI-GRAPHIC DESIGN (YEARBOOK): Digital Media (1 cr.) | Commercial Photography (1 cr.) | Graphic Design & Illustration 1-Yearbook I (1 cr.) | Graphic Design & Illustration 2-Yearbook II^a (2 cr.)

005-BI-AGRICULTURAL TECHNOLOGY & MECHANICAL SYSTEMS: Principles of AFNR (1 cr.) | Agricultural Mechanics & Metal Tech (1 cr.) | Agricultural Structures Design & Fabrication^a (1 cr.) | Agricultural Equipment Design & Fabrication^a (1 cr.) OR Practicum in AFNR–Agriscience Center^a (2 cr.)

034-BI-HVAC: Program starts 11th HVAC Courses (2 cr.) / DC | HVAC Courses (2 cr.) / DC

018-BI-LOGISTICS: Program starts 11th Logistics DC (2 cr.) | Logistics DC (2 cr.)

MARITIME PROGRAM (APPLICATION REQUIRED)

058-BI-MARITIME: Principles of Distribution & Transportation (1 cr.) | Maritime DC (2 cr.) | Maritime DC (2 cr.) | Maritime DC (2 cr.)

Please complete the online application to apply for this program.

MULTIDISCIPLINARY ENDORSEMENT OPTIONS

65D-MS-ADVANCED COURSE OPTION: 4 Advanced Academic

66D-MS- COLLEGE CREDIT OPTION: 4 credits in Advanced Placement OR Academic Dual Credit

68D-MS-4X4 OPTION: 4 credits in each of the following areas: English, Math, Science (incl. Chemistry AND/OR Physics), and Social Studies

COSMETOLOGY PROGRAM (APPLICATION REQUIRED)

7013-PS-COSMETOLOGY: Cosmetology DC (2 cr.) | Cosmetology DC (2 cr.) | Cosmetology DC (2 cr.) | Cosmetology DC (2 cr.)

Please complete the online application to apply for this program.

PUBLIC SERVICES ENDORSEMENT OPTIONS

033-PS-HEALTHCARE DIAGNOSTICS & THERAPEUTIC:

Principles of Health Science (1 cr.) | Medical Terminology (1 cr.) | Health Science Theory (2 cr.) | Practicum in Health Science^a (2 cr.) AND/OR Anatomy & Physiology^a (1 cr.)

STEM ACADEMY (APPLICATION REQUIRED)

022-STEM-ENGINEERING: Introduction to Engineering Design (1 cr.) | Environmental Sustainability (1 cr.) | Engineering Science (1 cr.) | Engineering Design & Development (EDPI) (1 cr.)

002-STEM-ROBOTICS: Introduction to Engineering Design (1 cr.) | Robotics I (1 cr.) | Robotics II (1 cr.) | Engineering Design & Development (1 cr.)

049D-STEM-INSTRUMENTATION: Introduction to Engineering Design (1 cr.) | Instrumentation DC (2 cr.) | Instrumentation DC (2 cr.) | Instrumentation DC (2 cr.)

Please complete the online application to apply for this program.

STEM ENDORSEMENT OPTIONS

(ALGEBRA II, CHEMISTRY & PHYSICS + 5TH MATH + 5TH SCIENCE REQUIRED)

91D-STEM-MATH: (5 credits in math)

92D-STEM-SCIENCE: (5 credits in Science)

99D-STEM-COMBINATION: (5 credits in Math/Science/Engineering)

047-STEM-PROGRAMMING & SOFTWARE DEVELOPMENT: Fundamentals of Computer Science (1 cr.) | Game Programming and Design (1 cr.) | Computer Science I (1 cr.) OR OnRamps Computer Science (1 cr.) | Computer Science II (1 cr.)

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Program of Study Options – Class of 2030

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14D-AH-SPANISH: Spanish I OR Spanish for Native Speakers I (1 cr.) | Spanish II OR Spanish for Native Speakers II (1 cr.) | Honors Spanish III OR Spanish for Native Speakers III (1 cr.) | AP Spanish Language (1 cr.) OR AP Spanish Literature (1 cr.)

14-D-AH-LANGUAGE OTHER THAN ENGLISH: Completion of 2 years of 2 languages: American Sign Language, French, Spanish, or Spanish for Native Speakers

17D-AH-SOCIAL STUDIES: World Geography (1 cr.) | World History (1 cr.) | U.S. History Since 1877 (1 Cr.) | Government & Economics (1 cr.) + 1 additional SS course

6D-AH-THEATRE ARTS: Theatre Arts I, Technical Theatre I, OR Theatre Production I (1 cr.) | Theatre Arts II, Technical Theatre II, OR Theatre Production II (1 cr.) | Theatre Arts III, Tech Theatre III, OR Theatre Prod III (1 cr.) | Theatre Arts IV, Tech Theatre IV, OR Theatre Prod IV (1 cr.)

9D-AH-VISUAL ARTS: Art I (1 cr.) | Art II 2-D OR 3-D (1 cr.) | Art III 2-D, 3-D OR AP Studio Art Design OR Drawing OR AP Art History (1 cr.) | Art IV 2-D, 3-D OR AP Studio Art Design OR Drawing OR AP Art History (1 cr.)

BUSINESS & INDUSTRY ENDORSEMENT OPTIONS

004-BI-ANIMAL SCIENCE: Principles of AFNR (1 cr.) | Equine Science (.5 cr.) AND Small Animal Mgmt. (.5 cr.) | Livestock Production^a (1 cr.) | Advanced Animal Science^a (1 cr.) OR Practicum in AFNR–Agriscience Center^a (2 cr.)

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MULTIDISCIPLINARY ENDORSEMENT OPTIONS

65D-MS-ADVANCED COURSE OPTION: 4 Advanced Academic

66D-MS- COLLEGE CREDIT OPTION: 4 credits in Advanced Placement OR Academic Dual Credit

68D-MS-4X4 OPTION: 4 credits in each of the following areas: English, Math, Science (incl. Chemistry AND/OR Physics), and Social Studies

CAREER ACADEMY FOR FUTURE EDUCATORS (APPLICATION REQUIRED)

50-PS-TEACHING AND TRAINING: Principles of Education & Training (1 cr.) | Child Development (1 cr.) | Instructional Practices | Practicum in Education & Training (2 cr.)/Education DC

HEALTH SCIENCE ACADEMY (APPLICATION REQUIRED)

009-STEM- BIOMEDICAL SCIENCE: Principles of Biomedical Science (1 cr.) | Human Body Systems (1 cr.) | Medical Interventions (1 cr.) | Biomedical Innovations (1cr.) AND/OR Practicum in Health Science (2 cr.)

ARMY NDCC (APPLICATION REQUIRED)

84D-PS-JROTC: ROTC I-Leadership Education 1 (1cr.) | ROTC II-Leadership Education 2 (1cr.) | ROTC III-Leadership Education 3 (1cr.) | ROTC IV-Leadership Education 4 (1cr.)

Please complete the online application to apply for this program.

PUBLIC SERVICES ENDORSEMENT OPTIONS

033-PS-HEALTHCARE DIAGNOSTICS & THERAPEUTIC:

Principles of Health Science (1 cr.) | Medical Terminology (1 cr.) OR DC EMT | Health Science Theory (1 cr.) OR DC EMT | Practicum in Health Science (2 cr.) AND/OR Anatomy & Physiology^a (1 cr.) OR DC EMT

036-PS-LAW ENFORCEMENT: Principles of Law, Public

Safety, Corrections & Security (1 cr.) | Law Enforcement I (1 cr.) | Law Enforcement II^a (1 cr.) | Forensic Science^a (1 cr.) AND/OR Practicum in Law Enforcement^a (2 cr.)

STEM ENDORSEMENT OPTIONS

(ALGEBRA II, CHEMISTRY & PHYSICS + 5TH MATH + 5TH SCIENCE REQUIRED)

91D-STEM-MATH: (5 credits in math)

92D-STEM-SCIENCE: (5 credits in Science)

99D-STEM-COMBINATION: (5 credits in Math/Science/Engineering)

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Fundamentals of Computer Science (1 cr.) | Game Programming and Design (1 cr.) | Computer Science I (1 cr.) OR OnRamps Computer Science (1 cr.) | Computer Science II (1 cr.)

Courses subject to change based upon student interest & campus availability. For College Courses, TSI requirements must be met and additional fees may apply.

^a Advanced CTE Course

DC Denotes Dual Credit College Course

SUMMARY OF ENDORSEMENT OPTIONS BY CAMPUS					
ARTS & HUMANITY					
PROGRAM OF STUDY	IMPACT	GCM	REL	RSS	SCTHS
Dance	—	✗	✗	✗	—
Language Other Than English	—	✗	✗	✗	—
Music	—	✗	✗	✗	—
Social Studies	—	✗	✗	✗	—
Spanish	—	✗	✗	✗	—
Theatre Arts	—	✗	✗	✗	—
Visual Arts	—	✗	✗	✗	—
BUSINESS & INDUSTRY					
PROGRAM OF STUDY	IMPACT	GCM	REL	RSS	SCTHS
Animal Science ST	—	✗	✗	✗	—
Agricultural Technology and Mechanical Systems ST	—	✗	✗	✗	—
Associates of Business	—	AC (DC)	—	—	—
Audio, Video Tech & Film	—	—	—	—	AC (DC)
Automotive Technician	—	—	—	—	AC (DC)
Business Management	—	AC	—	—	—
Collision Repair	—	—	—	—	AC (DC)
Construction	—	✗	—	✗	—
Culinary Arts	—	—	—	—	AC (DC)
Diesel Technician	—	—	—	—	AC (DC)
Graphic and Fashion Design (Yearbook)	—	✗	✗	✗	—
HVAC	—	✗ / DC	✗ / DC	—	—
IT Networking Systems ST	—	—	—	—	AC (DC)
Maritime	—	—	✗	—	—
Logistics	—	✗ / DC	✗ / DC	—	—
Pipefitting	—	—	—	—	AC (DC)
Robotics ST	—	—	AC	—	—
Veterinary Assistant ST	—	—	—	—	AC
Welding	—	—	—	—	AC (DC)
MULTIDISCIPLINARY					
PROGRAM OF STUDY	IMPACT	GCM	REL	RSS	SCTHS
4X4	✗	✗	✗	✗	—
Advanced Course	✗	✗	✗	✗	—
College Credit (AP, Dual Credit)	✗	✗	✗	✗	—
PUBLIC SERVICES					
PROGRAM OF STUDY	IMPACT	GCM	REL	RSS	SCTHS
Cosmetology	—	—	DC	—	—
Teaching & Training	—	—	—	AC (DC)	—
Healthcare Diagnostics & Therapeutic ST	—	✗	✗	DC	—
Law Enforcement	—	DC	—	✗	—
Army NDCC	—	—	—	✗	—
Marine Corps JROTC	—	✗	—	—	—
SCIENCE, TECHNOLOGY, ENGINEERING & MATH (STEM)					
PROGRAM OF STUDY	IMPACT	GCM	REL	RSS	SCTHS
Biomedical Science ^{PS}	—	—	—	AC	—
Combination	—	✗	✗	✗	—
Computer Programming & Software Development ^{BI}	—	✗	✗	✗	—
Engineering ^{BI}	—	—	AC	—	—
Instrumentation ^{BI}	—	—	AC (DC)	—	—
Math	✗	✗	✗	✗	—
Science	—	✗	✗	✗	—

AC~Courses available to academy students only; application process required in 8th grade; **DC**~College courses offered on campus; application process required before beginning college classes additional college fees may apply; **LC**~Upper level course must be taken at a Lee College campus; application process required before beginning college classes; **BI, PS, ST** = Business & Industry, Public Service or STEM Endorsement is available if requirements are met.