

GOOSE CREEK CISD'S HIGH SCHOOL OPTIONS

FOR THE CLASS OF 2029

APPLICATIONS DUE DECEMBER 2, 2024 AT 11:59 PM



NEW

Drone Pathway at IT Academy.
Classes held in GCCISD's
State-Of-The-Art
Robotics Facility.

NEW LOGISTICS PROGRAM AND DRONE PATHWAY!





**CAMPUS &
PROGRAM
OPTIONS**

3-5

HIGH SCHOOL GRADUATION ENDORSEMENTS



**FOUNDATION
GRADUATION
REQUIREMENTS**

- ENGLISH: 4 credits
- MATH: 3 credits
- SCIENCE: 3 credits



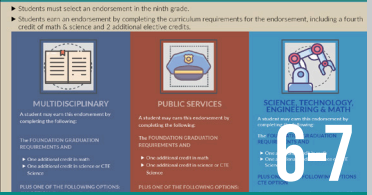
ARTS & HUMANITIES

- A student may earn this endorsement by completing the following:
- The FOUNDATION GRADUATION REQUIREMENTS AND
- The additional credit in any of the following options:
- One additional credit in any of the following options:
- One additional credit in any of the following options:
- One additional credit in any of the following options:



BUSINESS & INDUSTRY

- A student may earn this endorsement by completing the following:
- The FOUNDATION GRADUATION REQUIREMENTS AND
- The additional credit in any of the following options:
- One additional credit in any of the following options:
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- One additional credit in any of the following options:



**IMPORTANT HIGH
SCHOOL COURSE
SELECTION TERMS**

&

**HIGH SCHOOL
GRADUATION
ENDORSEMENTS**

STEP 1



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STEP 2



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OPTIONS**



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**ROSS S. STERLING HS
PROGRAM OF STUDY
OPTIONS**

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, Matt Bolinger, Assistant Superintendent (matthew.bolinger@gccisd.net), and/or the Senior Director of Special Services, 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 2029) 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 or IMPACT by completing the online application that is available on October 21, 2024.

10/21/24 – 12/2/24 **8TH GRADE HIGH SCHOOL OPTIONS APPLICATION WINDOW**
8th grade students interested in applying to a career academy, cosmetology program, maritime program or IMPACT need to complete the online application that can be found at www.gccisd.net.

12/2/24 **8TH GRADE HIGH SCHOOL OPTIONS APPLICATIONS DEADLINE**

12/6/24 **8TH GRADE HIGH SCHOOL OPTIONS ACCEPTANCE LETTERS DISBURSED TO STUDENTS**
8th grade students who are accepted to a career academy, cosmetology program, maritime program or IMPACT will receive an acceptance letter.

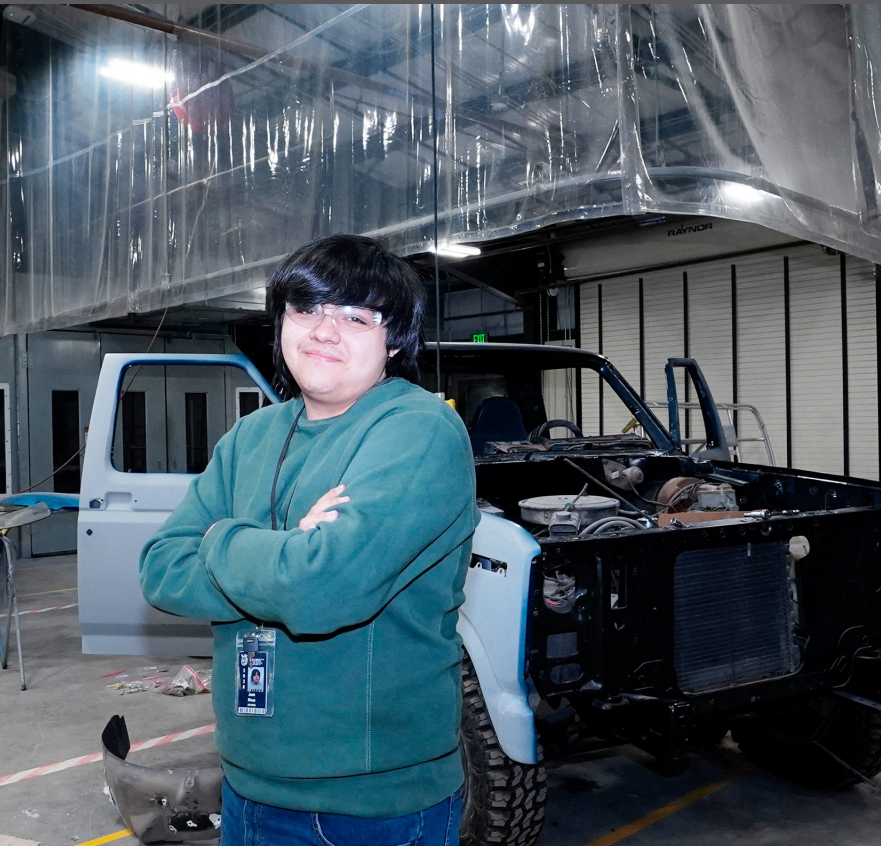
12/9/24 – 12/10/24 **8TH GRADE MANDATORY PARENT MEETING**
Mandatory parent meeting for students accepted into cosmetology program, logistics program, maritime program or an academy.

12/9/24 – 12/10/24 **8TH GRADE MANDATORY PARENT MEETING FOR IMPACT ACCEPTANCE**

1/8/25 – 03/07/25 **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, logistics program, maritime program or IMPACT based upon space availability in each program.

STEP 2: High School Course Selection based on Program of Study.

1/8/25 – 1/31/25 **8TH GRADER 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
- ▶ Cosmetology Program at Robert E. Lee HS
- ▶ Academy of Culinary Arts at Stuart Career Tech HS
- ▶ Digital Communications Academy at Stuart Career Tech HS
- ▶ Career Academy for Future Educators at Ross S. Sterling HS
- ▶ Global Business Academy at Goose Creek Memorial HS
- ▶ Health Science Academy at Ross S. Sterling HS
- ▶ IMPACT Early College HS
- ▶ Information Technology Career Academy at Stuart Career Tech HS
- ▶ Manufacturing & Industrial Maintenance Career Academy at Stuart Career Tech HS
- ▶ Logistics and 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 small learning communities within larger campuses that focus on a career theme. 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 expected 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 Pathways to Technology (P-TECH) High Schools are innovative schools that are designed to overlap high school and college. They enable highly motivated students to complete an associate's degree or a college certification program before they graduate from high school. The majority of classes taken by students are college-level classes, some taught by college teachers and on the college campus. These campuses provide dual credit college courses at no cost to students, provide academic and social support services to help students succeed, increase college readiness, and reduce barriers to college access. Transportation is provided for students who are accepted into an early college or P-TECH high school. Students must complete the full application process to be considered for an early college high school. GCCISD offers three (3) early college high schools: IMPACT Early College HS, Stuart Career Tech HS, and Ross S. Sterling HS. The Pathways in Technology ECHS at SCTHS focuses on career pathways working with community partners to design activities to connect students to their career pathway while earning college credit.

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. For more information on GCCISD AP classes, visit the Advanced Academics web page at <https://bit.ly/3utMKrj>. AP classes are available at all traditional school campuses.

AVID (Advancement Via Individual Determination)

AVID is an elective course taken during the school day. AVID students learn organizational and study skills while developing critical thinking and problem solving skills. They learn to ask probing questions, receive academic help from peers and college tutors, and participate in enrichment and motivational activities that make college more attainable. Students enrolled in AVID are required to enroll in at least one of their school's most rigorous classes, such as AP, Advanced Placement, or dual credit. Students must complete an application to participate in AVID. AVID is available through the career academies, the traditional and early college high schools.

Career & Technical Education

Goose Creek CISD's CTE programs on the traditional high school campuses offer a world of rigorous and relevant programs that allow students to explore a range of options for their future—including college and career—while still participating in athletics, fine arts, and other extracurricular activities. They expand students' high school experiences by providing opportunities for work-based learning through paid and unpaid experiences including internships, job shadowing, mentorships and networking with local community leaders. CTE students can also participate in career and technical student organizations (CTSOs) and earn college credit while still in high school. CTE courses help build students' self-confidence by delivering academic and employability skills and industry credentials that lead to success in college and career. GCCISD CTE programs are open to all students although the number of seats in each program may be limited by space. For more information on GCCISD CTE programs, visit <http://www.gccisd.net/CTE>.

Dual Credit

Dual credit is a process by which a high school student enrolls in a college course and receives simultaneous credit for the course from both the college and the high school. This is a great opportunity to save both time and money! In order to enroll in a dual credit course, a student must complete a series of steps that are involved in the registration process. The first step is to meet with his/her high school counselor and receive written approval through the counselor to take the course and written approval from the parent/guardian to register for the course. For more information regarding the GCCISD Dual Credit Program, visit the Advanced Academics web page at <https://bit.ly/3utMKrj>. Dual credit classes are available at all high school campuses.

IMPORTANT COURSE SELECTION TERMS

This is just a short list of terms related to the high school options presented in this publication. Be sure to refer to the Educational Planning Guide for much more information about successful high school, college and career planning!

Coherent Sequence of Courses

A coherent sequence of courses is a series of at least four courses, at least one credit per grade level, that lead to a student's learning the academic and hands-on skills required to be college and career ready upon high school graduation in a very specific program of study.

Endorsement

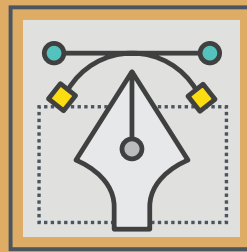
GCCISD students may earn an endorsement on their high school graduation diploma by completing a coherent sequence of courses in a specific pathway along with other curriculum requirements, including a 4th credit of math and science and 2 additional elective credits. Students in GCCISD may choose from all five Texas Endorsements: Arts & Humanities, Business & Industry, Multidisciplinary, Public Services, and Science, Technology, Engineering and Math (STEM). The STEM endorsement requires an additional credit in math and additional credit in science including Algebra II, Chemistry and Physics.

HIGH SCHOOL GRADUATION ENDORSEMENTS



FOUNDATION GRADUATION REQUIREMENTS:

- ▶ **ENGLISH:** 4 credits
- ▶ **MATH:** 3 credits
- ▶ **SCIENCE:** 3 credits
- ▶ **SOCIAL STUDIES:** 3 credits
- ▶ **FOREIGN LANGUAGE:** 2 credits
- ▶ **TECHNOLOGY:** 1 credit
- ▶ **HEALTH:** 1/2 credit
- ▶ **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

A coherent sequence of courses for four (4) or more credits in CTE that consists of at least two (2) courses in the same career cluster, including:

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

Four-Year Plan

A student's four-year plan is the list of required and elective courses that the student plans to take during high school in order to meet the state and district requirements for graduation plus the additional courses the student will take to develop the knowledge and skills necessary to meet the student's goal for postsecondary education and/or the workforce.

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. Each pathway is numbered and may include multiple Programs of Study.

Program of Study

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

- ▶ 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.



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 CTE COURSE OPTION:

Four (4) Advanced CTE 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:

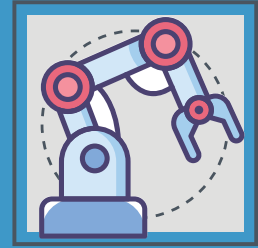
CTE OPTION:

A coherent sequence of courses for four (4) or more credits in CTE that consists of at least two (2) courses in the same career cluster, including:

- ▶ At least one Advanced CTE course, and
- ▶ A final course in the sequence from one of the following career clusters:
 - ▷ Education & Training
 - ▷ Health Science
 - ▷ Human Services
 - ▷ 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

A coherent sequence of courses or four (4) or more credits in CTE that consists of at least two (2) courses in the same career cluster, including:

- ▶ At least one Advanced CTE course, and
- ▶ A final course in the sequence from the Engineering Career Cluster

MATHEMATICS OPTION

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

SCIENCE OPTION

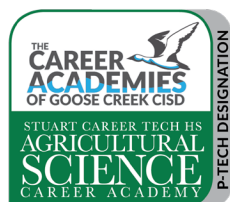
Two (2) additional science courses

COMBINATION OPTION

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



ACADEMY OF AGRICULTURAL SCIENCES AT SCTHS



Students in the Academy of Agricultural Sciences have two pathways to choose from: Veterinary Assistant or Plant Science. Both pathways provide students with a strong academic foundation with an emphasis on hands-on learning and problem solving. The Veterinary Assistant pathway prepares students to sit for the Certified Veterinary Assistant Exam, offered through the Texas Veterinary Medical Association while students in the Plant Science pathway prepare for the Principles of Floral Design certification offered through the Benz School of Floral Design as well as other certifications in the floral and horticulture industries. Students will be well prepared to enter the workforce and/or continue their post-secondary education to work towards becoming a Veterinary Technician, Veterinarian, Horticulturalist or Florist. Special opportunities include assisting in operating the Spa 4 Paws, SCTHS Greenhouses, job shadowing and conferences by guest speakers, all of which enhance the student's experience in the program and provide information about the field of study. Additionally, students can participate in the Stuart FFA Chapter, a Career and Technical Student Organization, dedicated to the advancement of agricultural studies. Students have the opportunity graduate with a Business & Industry Endorsement, a Performance Acknowledgment by earning college credits and industry-based certifications.

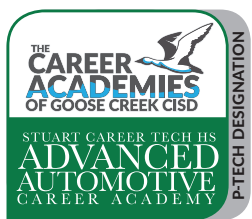
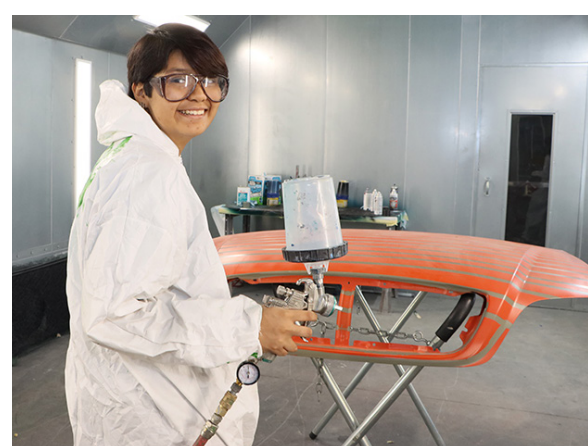
DUAL CREDIT / COLLEGE OPTIONS:

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

GRADE 9	GRADE 10	GRADE 11	GRADE 12
045-BI-PLANT SCIENCE			
Principles of Agriculture, Food & Natural Resources (1cr.) AND Greenhouse Operation and Production (1 cr.)	Horticultural Science with Lab (2 cr.)	Practicum in Agriculture, Food and Natural Resources in Green House (2 cr.)	Practicum in Agriculture, Food and Natural Resources – Agriscience Center (3 cr.)
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.)

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:

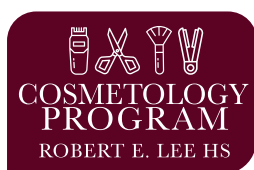
Associate of Applied Science – Automotive Technology (Lee College)

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

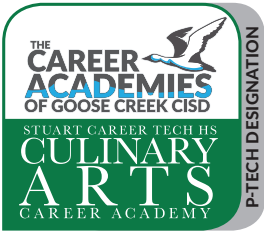
The Cosmetology Program at Lee High School is designed to meet the needs of high school students who desire to enter the personal care services industry in a minimum amount of time. Lee HS partners with Lee College to provide students the opportunity to earn both high school and college credit for their 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 in 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 crafting nutritious dishes while earning college credits. With a team of teachers at each grade level, students’ academic and technical classes integrate related culinary activities into their coursework and class projects span across academy courses. Students gain experience in the industry working in the on-site restaurant called the Titan Table, along with catering community events and serving in internships in local business and industry. By the time these Culinary students graduate from high school with a Business & Industry Endorsement, they will have also earned Performance

Acknowledgments for having completed their associate degree or certificate through Lee College dual credit classes and having earned industry certifications.



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

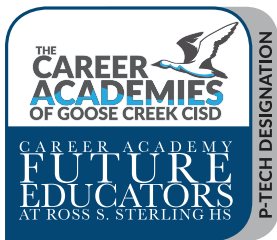
Students in the Digital Communications Academy will learn about different audio, video and digital media formats preparing them for a career in Digital Communications. The courses in the pathway prepare students for occupations and educational opportunities associated with the production of audio and visual media formats, such as TV broadcasts, advertising, video production, or motion pictures. This Academy may also include exploration into operating machines and equipment to record sound and images, such as microphones, sound speakers, video screens, projectors, video monitors, sound and mixing boards, and related electronic equipment. By the time these students graduate from high school with a Business & Industry Endorsement, they will have also earned Performance Acknowledgments for having completed their certificate through Houston Community College dual credit classes and having earned industry certifications.

DUAL CREDIT PROGRAM:

Certificate of Completion in Filmmaking – Film/video Production Level 1 (Houston Community 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 Texas Association for Future Educators (TAFE) and Educators Rising (state and national 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 Microsoft Office Specialist, 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.

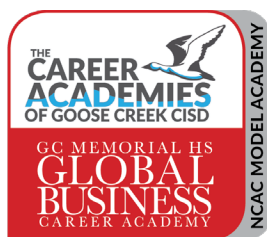
DUAL CREDIT PROGRAM:

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.) / Dual Credit Education (1 cr.)	Practicum in Education and Training (2 cr.) / Dual Credit Education (1 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

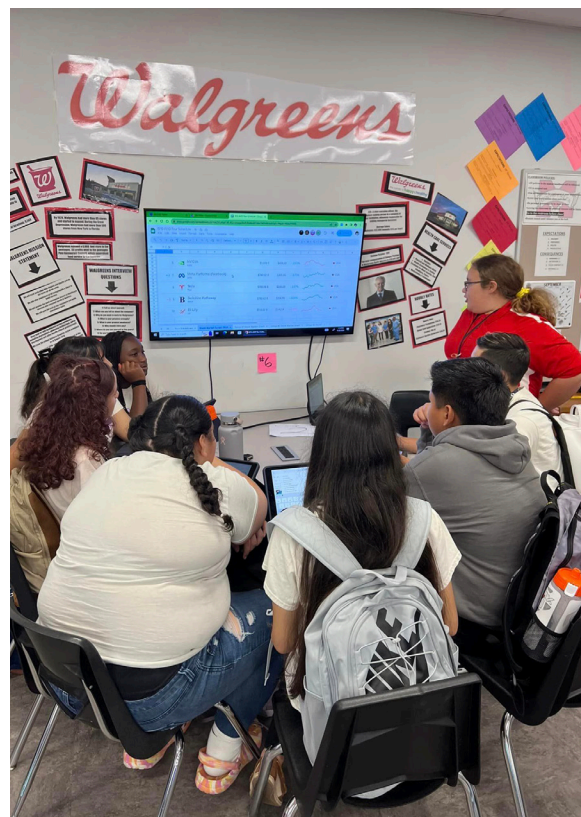
The Global Business Career Academy at Goose Creek Memorial (GCM) offers students engaging business curriculum, along with opportunities for job shadowing, internships, career certifications, and preparation for college and the business world. Students within the academy can select from two distinct pathways: 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:

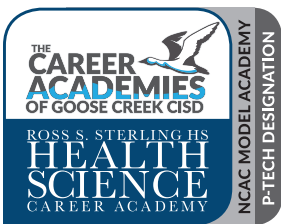
Associate of Arts – Business Field of Study (Lee College)

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



GRADE 9	GRADE 10	GRADE 11	GRADE 12
011-BI-BUSINESS MANAGEMENT			
Honors Principles of Business, Marketing and Finance (1 cr.)	Business Information Management 1 (1 cr.)	Honors Human Resource (.5 cr.) & Honors Global Business (.5 cr.) Business Law (1 cr.)	Honors Business Management (1 cr.) or 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)



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 – Healthcare Focus (Lee College)

Core Complete (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 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.

IMPACT has been recognized by national and local organizations:

- ▶ Award Bronze and Silver Medals from *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.

IMPACT provides personalized assistance with:

- ▶ College placement exam preparation (TSIA/PSAT/SAT).
- ▶ Targeted college course support through Friday in-school tutorials.
- ▶ Personalized navigation through college systems.

Why choose IMPACT?

- ▶ Smaller class sizes and dedicated staff to guide students through the blended high school and college experience, and we offer students a seamless transition between high school and college.
- ▶ Access to college classes as early as Freshman year, if students are college-ready.
- ▶ Access to Lee College support services, including college advising, career counseling, student activities, and free tutoring.



Are you...

- ▶ Willing and committed to work as an "honors" level student?
- ▶ Motivated to earn tuition-free college credit that also satisfies high school requirements?
- ▶ Mature enough to handle the college setting?
- ▶ Committed to attend a university to complete a bachelor's degree after high school?

DUAL CREDIT PROGRAMS:

ASSOCIATE OF ARTS

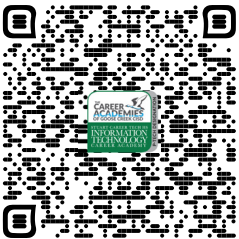
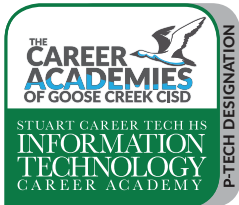
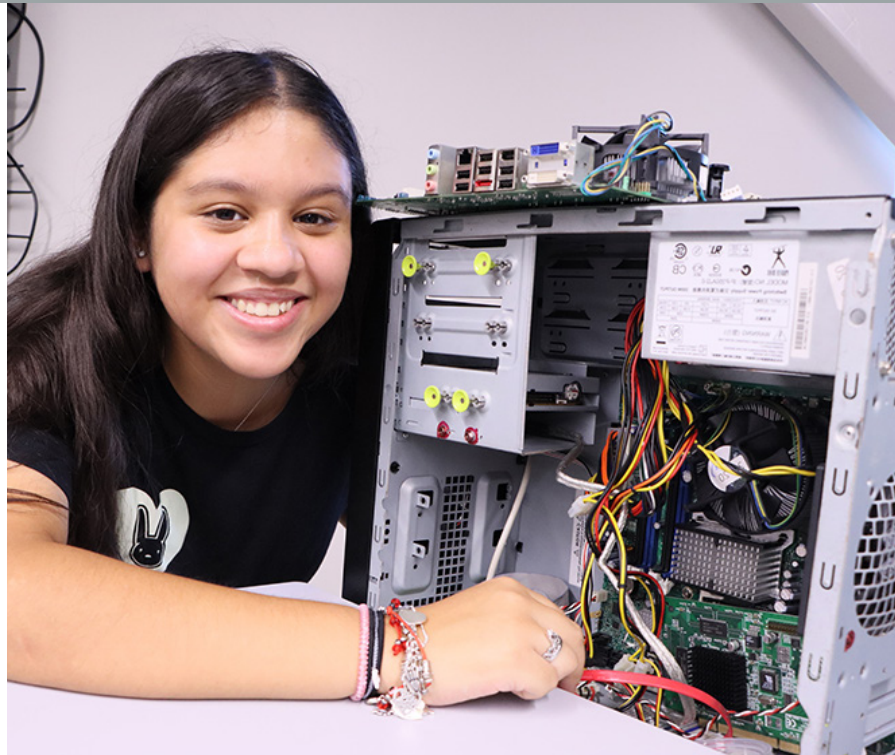
- ▶ Behavioral Science
- ▶ Communications
- ▶ Criminal Justice
- ▶ Social Science

ASSOCIATE OF SCIENCE

- ▶ Biology
- ▶ Chemistry
- ▶ Environmental Science
- ▶ Geology
- ▶ Math
- ▶ Physics

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>.



INFORMATION TECHNOLOGY ACADEMY AT SCTHS

In the Information Technology Academy, students acquire the skills necessary for a successful career in the network and computer systems and support industry. The program offers a blend of a academic and technical classes that integrate workplace knowledge and skills using industry-standard certifications and curriculum. The IT Academy features two specialized pathways: Drone Pathway and Networking Systems Pathway. In the Drone Pathway, students can earn an FAA Part 107 certificate, preparing them for careers in drone operation and technology. In the Networking Systems Pathway, students can earn an Associate of Applied Science in Computer Networking, Maintenance and Tech from Lee College.

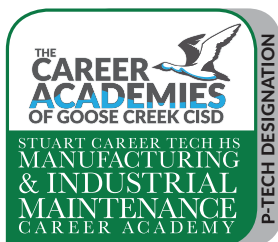
DUAL CREDIT PROGRAMS:

**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.)
061-BI-IT DRONE			
Intro to Aerospace and Aviation (1 cr.)/ Intro to Unmanned Aerial Vehicles (UAV) (1 cr.)	Robotics I (1 cr.)/ Digital Electronics (1 cr.)	Practicum in Manufacturing (2 cr.)	Practicum in Manufacturing (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.

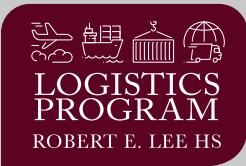
DUAL CREDIT PROGRAMS:

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)



LOGISTICS PROGRAM AT REL

The Logistics Program at Robert E. Lee High School prepares students for high-demand careers in global logistics and supply chain management. Through our partnership with Lee College, students will take dual credit Logistics courses. The Logistic Program teaches students how to plan, coordinate, and direct people, goods, and services. Students will learn how to manage daily operations and logistics personnel. Career pathways include roles such as Logistics Coordinator, Supply Chain Manager, Transportation Manager, and Purchasing Agent. Graduates receive a Business & Industry Endorsement. This program provides the skill needed for success in the dynamic field of logistics and supply chain management.

DUAL CREDIT / COLLEGE OPTION:

Certificate of Completion - Logistics & Supply Chain Management (Lee College)

GRADE 9	GRADE 10	GRADE 11	GRADE 12
018-BI-LOGISTICS			
Principles of Distribution and Logistics (1 cr.)	Dual Credit Logistics (1 cr.)	Dual Credit Logistics (1 cr.)	Dual Credit Logistics (1 cr.)



MARITIME PROGRAM AT REL

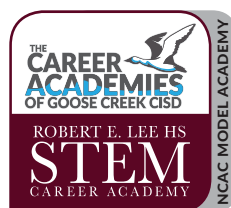
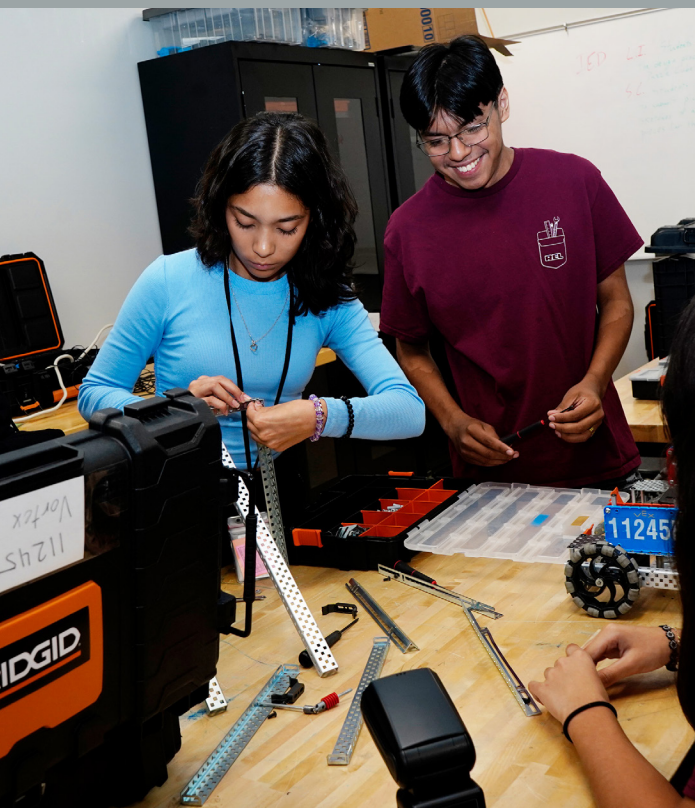
Students in the Maritime Program at Robert E. Lee HS will have the opportunity to immerse themselves in courses specific to the maritime industry. The Maritime Program introduces students to the occupations and education opportunities related to operating water vessels, maintenance procedures, maritime navigational aids, maritime traffic controls, and communications equipment to ensure conformance with federal safety regulations. Students will learn to use state-of-the-art simulation equipment, gain professional certifications, and develop skills to obtain a high paying career in the maritime industry. Students will engage in project-based learning, working with teachers, community partners and industry experts in hands-on experiences. Baytown's close location to the Port of Houston will allow students to attend San Jacinto Maritime campus for all Maritime Dual Credit courses while attending Lee High School for all other course work.

DUAL CREDIT / COLLEGE OPTION:

Certificate of Technology in Maritime through (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.)

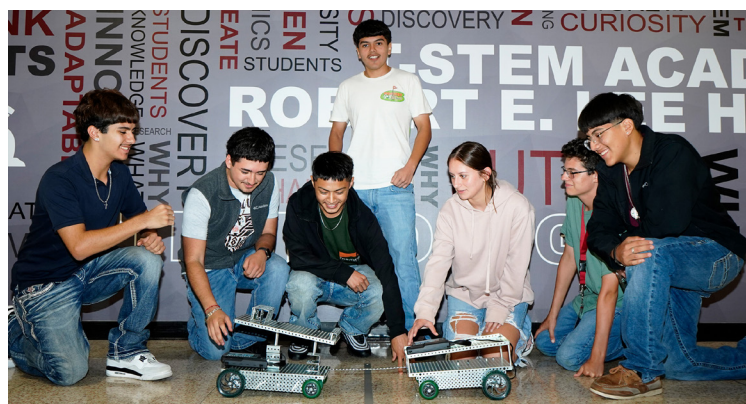
COURSE COLOR CODES: ■ 1st Year Course(s) ■ 2nd Year Course(s) ■ 3rd Year Course(s) ■ 4th Year Course(s)



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 career academy is ideal for students desiring a career in STEM industries. Much like in college, students take at least one engineering class per year that empowers them to step into the role of an engineer, adopt a problem-solving mindset, and make the leap from dreamers to doers. The PLTW courses engage students in compelling, real-world challenges

that help them become better collaborators and thinkers. Students take from this program in-demand knowledge and skills they will use in high school and for the rest of their lives. Students even have an opportunity to design new products that can change the world. Business partners such as ExxonMobil, Samson and the City of Baytown provide opportunities to learn about the engineering world, and Lee College offers dual credit classes within the Instrumentation Pathway. The STEM Academy also offers students the opportunity to acquire industry based certifications. Students enjoy a well-rounded education with the opportunity to earn a STEM Engineering Technology Foundations Certification.



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 2029

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.)

14D-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 OR Advanced CTE courses

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: Principles of Business, Marketing & Finance (1 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-APPLIED AGRICULTURAL ENGINEERING: 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

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

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.)

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 Lee College Courses, TSI requirements must be met and additional fees will apply.

OTHER CTE COURSES AVAILABLE FOR 9TH GRADERS: Introduction to Culinary Arts, Floral Design, Lifetime Nutrition and Wellness, **OTHER CTE COURSES AVAILABLE FOR 10TH–12TH GRADERS:** Advanced Floral Design, Food Science, Engineering Design & Problem-Solving, Child Development.

^a Advanced CTE Course

DC Denotes Dual Credit College Course



Program of Study Options – Class of 2029

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-APPLIED AGRICULTURAL ENGINEERING: Principles of AFNR (1 cr.) | Agricultural Mechanics & Metal Tech (1 cr.) | Agricultural Structures Design & Fabrication^a (1 cr.) | Agricultural Equipment Design & Fabrication (1 cr.) OR Practicum in AFNR-Agriscience Center^a (2 cr.)

034-BI-HVAC: HVAC Courses (2 cr.) / DC | HVAC Courses (2 cr.) / DC

LOGISTICS AND 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.)

018-BI-LOGISTICS: Principles of Distribution & Transportation (1 cr.) | Logistics DC (2 cr.) | Logistics DC (2 cr.) | Logistics DC (2 cr.)

Please complete the online application to apply for this program.

MULTIDISCIPLINARY ENDORSEMENT OPTIONS

65D-MS-ADVANCED COURSE OPTION: 4 Advanced Academic OR Advanced CTE courses

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.)

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.)

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.)

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

OTHER CTE COURSES AVAILABLE FOR 9TH GRADERS: Introduction to Culinary Arts, Floral Design, Lifetime Nutrition and Wellness, Principles of Business, Marketing & Finance, **OTHER CTE COURSES AVAILABLE FOR 10TH-12TH GRADERS:** Food Science, Money Matters.

^a Advanced CTE Course

DC Denotes Dual Credit College Course



Program of Study Options – Class of 2029

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.)

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

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

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

MULTIDISCIPLINARY ENDORSEMENT OPTIONS

65D-MS-ADVANCED COURSE OPTION: 4 Advanced Academic OR Advanced CTE courses

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/ Education DC (2 cr.) | Practicum in Education & Training (2 cr.) / Education DC

Please complete the online application to apply for this program.

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.)

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.)

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.)

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 Lee College Courses, TSI requirements must be met and additional fees will apply.

OTHER CTE COURSES AVAILABLE FOR 9TH GRADERS: Introduction to Culinary Arts, Floral Design, Lifetime Nutrition and Wellness, Principles of Business, Marketing & Finance; **OTHER CTE COURSES AVAILABLE FOR 10TH-12TH GRADERS:** Food Science, Career Prep I and II, Engineering Design & Problem-Solving, Money Matters, Wildlife & Ecology Management.

^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	—	✗	✗	✗	—
Applied Agricultural Engineering 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)
Drone (unmanned vehicle)	—	—	—	—	AC
Graphic and Fashion Design (Yearbook)	—	✗	✗	✗	—
HVAC	—	✗ / DC	✗ / DC	—	—
IT Networking Systems ST	—	—	—	—	AC (DC)
Maritime	—	—	✗	—	—
Logistics	—	—	✗ / DC	—	—
Pipefitting	—	—	—	—	AC (DC)
Plant Science	—	—	—	—	AC
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	—	✗	—
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	—	✗	✗	✗	—