

GOOSE CREEK CISD'S
HIGH SCHOOL

OPTIONS

FOR THE CLASS OF 2024

THE
CAREER
ACADEMIES
OF GOOSE CREEK CISD

THE
EARLY
COLLEGE
HIGH SCHOOLS OF GOOSE CREEK CISD



GOOSE CREEK
CONSOLIDATED
INDEPENDENT
SCHOOL DISTRICT

REV 12.17.19



APPLICATIONS DUE
FEB 2, 2020
AT 11:59 PM





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Baytown, Texas at
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GOOSE CREEK
CONSOLIDATED INDEPENDENT SCHOOL DISTRICT

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Public Notification of Non-discrimination in Career and Technical Education Programs

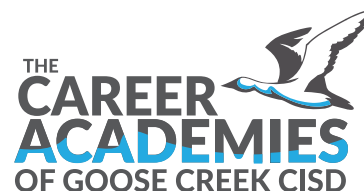
GCCISD offers career and technical education (CTE) programs in Agriculture, Food & Natural Resources; Architecture & Construction; Arts, AV Technology & Communications; Business Administration; Career Development; Education & Training; Finance; Health Science; Hospitality & Tourism; Human Services; Information Technology; Law, Public Safety, Corrections & Security; Manufacturing; Science, Technology, Engineering & Math; and Transportation, Distribution & Logistics. Admission to these programs is based on interest and space available.

It is the policy of GCCISD not to discriminate on the basis of race, color, national origin, sex or handicap in its CTE programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

It is the policy of GCCISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.

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.

For information about your rights or grievance procedures, contact the Title IX Coordinator, Eloy Chapa, Assistant Superintendent, and/or the Section 504 Coordinator, Karen Coffey, at 4544 I-10 East, Baytown, TX 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 make sure your high school experience is the best it can be.

STEP 1: Choose a program of study you will follow in high school from your zoned high school.

STEP 2: If interested, apply to an academy, cosmetology program, IMPACT or SCTHS by completing the online application that is available in January.

8TH GRADE PLANNING TIMELINE

12/2/19 – 12/20/19	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.
1/8/20 – 2/2/20	8TH GRADE HIGH SCHOOL OPTIONS APPLICATION WINDOW 8th grade students interested in applying to an academy, cosmetology program, IMPACT or SCTHS need to complete the online application that can be found at www.gccisd.net .
2/2/20	8TH GRADE HIGH SCHOOL OPTIONS APPLICATIONS DUE
2/15/20	8TH GRADE HIGH SCHOOL OPTIONS ACCEPTANCE LETTERS DISBURSED TO STUDENTS 8th grade students who are accepted to an academy, cosmetology program, IMPACT or SCTHS will receive an acceptance letter.
2/21/20	8TH GRADE MANDATORY PARENT MEETING Mandatory parent meeting for students accepted into cosmetology or an academy.
2/25/20 – 7/31/20	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 an academy, cosmetology program, IMPACT or SCTHS based upon space availability in each program.



CAMPUS OPTIONS

Eighth grade students (Class of 2024) 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, you may choose to apply to one of the following options:

- ▶ IMPACT Early College HS
- ▶ Stuart Career Tech P-Tech Early College HS with 5 career academy options
 - ▶ Advanced Automotive
 - ▶ Agricultural Science
 - ▶ Culinary Arts
 - ▶ Information Technology
 - ▶ Manufacturing & Industrial Maintenance
- ▶ Global Business Academy at Goose Creek Memorial HS
- ▶ Health Science Academy at Ross Sterling HS
- ▶ Career Academy for Future Educators at Ross Sterling HS
- ▶ Science, Technology, Engineering & Math (STEM) Academy at Robert E Lee HS
- ▶ Dual Credit Cosmetology Program 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, and all academy students are expected to participate in the career and technical student organization connected to their curriculum.

CAMPUS AND PROGRAM OPTIONS

Early College High Schools

Early College High Schools are innovative schools that are designed to overlap high school and college. They enable highly motivated students to complete an associate degree or a college certification program before they graduate from high school. The majority of classes taken by students are college-level classes, frequently 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 high school. Students must complete the full application process in January to be considered for an early college high school. GCCISD offers two (2) early college high schools: IMPACT Early College HS and Stuart Career Tech 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 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

Advanced Placement Program

The Advanced Placement (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 AP 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 <http://www.gccisd.net/page/AdvancedAcademics>. Home. Advanced Placement classes are available at all traditional school campuses.



Here, we grow giants.



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 Pre-Advanced Placement, Advanced Placement, or dual credit. Students must complete a full 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 real-world problem solving experiences 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 academic 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 <http://www.gccisd.net/page/AdvancedAcademics.Home>. 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 High School Course Description 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 that are usually tied to the coherent sequence of courses. Students in GCCISD may choose from all five Texas Endorsements: Arts & Humanities, Business & Industry, Multidisciplinary, Public Services, and Science, Technology, Engineering and Math (STEM).

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 in to 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 to choose.

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 career success in a specific occupation or in closely related occupations upon high school graduation in a very specific program of study.



PROGRAM OF STUDY OPTIONS – CLASS OF 2024

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.) | Pre-AP 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 (½ cr.) AND Small Animal Mgmt. (½ cr.) | Livestock Production (1 cr.) | Advanced Animal Science (1 cr.) OR Practicum in AFNR-Agriscience Center (2 cr.)

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

017-BI-AUDIO, VIDEO TECH & FILM: Digital Media (1 cr.) AND/OR Business Information Management I (1 cr.) | AV Production I (2 cr.) | AV Production II (2 cr.) | Practicum in AV Production I (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 (2 cr.)

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

PUBLIC SERVICES ENDORSEMENT OPTIONS

HEALTH SCIENCE ACADEMY & CAREER ACADEMY FOR FUTURE EDUCATORS

Biomedical Science & Education and Training Courses are available through the HS Academy and CAFE.

Please complete the online application in January to apply for these academies.

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

036-PS-LAW ENFORCEMENT: Principles of Law, Public Safety, Corrections & Security (1 cr.) | Law Enforcement I (1 cr.) | Law Enforcement II (1 cr.) | Forensic Science (1 cr.) AND/OR Practicum in Law Enforcement (2 cr.)

84D-PS-MCJROTC: 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:

Business Information Management I (1 cr.) | Computer Programming I OR On Ramps Computer Science OR AP Computer Science OR Video Game Design | Computer Programming II OR AP Computer Science | Career Preparation I

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, Small Engines I, Introduction to Engineering Design (PLTW), Principles of Business, Marketing & Finance; **OTHER CTE COURSES AVAILABLE FOR 10TH-12TH GRADERS:** Entrepreneurship, Food Science, Career Prep I and II, Engineering Science (PLTW), Environmental Sustainability (PLTW), Engineering Design & Problem-Solving, Engineering Design & Development (PLTW), Money Matters, Business Law, Business Management



PROGRAM OF STUDY OPTIONS – CLASS OF 2024

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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.) | Pre-AP 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

GLOBAL BUSINESS ACADEMY

Business and finance courses are available through the Global Business Academy.

Please complete the online application in January to apply for this academy.

004-BI-ANIMAL SCIENCE: Principles of AFNR (1 cr.) | Equine Science (½ cr.) AND Small Animal Mgmt. (½ cr.) | Livestock Production (1 cr.) | Advanced Animal Science (1 cr.) OR Practicum in AFNR-Agriscience Center (2 cr.)

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

017-BI-AUDIO, VIDEO TECH & FILM: Digital Media (1 cr.) AND/OR Business Information Management I (1 cr.) | AV Production I (2 cr.) | AV Production II (2 cr.) | Practicum in AV Production I (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 (2 cr.)

018-BI-TDL-LOGISTICS: Lee College Courses

BUSINESS & INDUSTRY ENDORSEMENT OPTIONS (CONT.)

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

060-BI (2)-AFNR-WELDING: Principles of AFNR (1 cr.) OR Principles of Construction (1 cr.) | Intro to AFNR-Welding (1 cr.) | Practicum in AFNR-Welding (2 cr.) | Practicum in AFNR-Welding II (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

PUBLIC SERVICES ENDORSEMENT OPTIONS

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

036-PS-LAW ENFORCEMENT: Principles of Law, Public Safety, Corrections & Security (1 cr.) | Law Enforcement I (1 cr.) | Law Enforcement II (1 cr.) | Forensic Science (1 cr.) AND/OR Practicum in Law Enforcement (2 cr.)

84D-PS-MCJROTC: 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: Business Information Management I (1 cr.) | Computer Programming I OR On Ramps Computer Science OR AP Computer Science OR Video Game Design | Computer Programming II OR AP Computer Science | Career Preparation I

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, Small Engines I, Introduction to Engineering Design, Principles of Education & Training. **OTHER CTE COURSES AVAILABLE FOR 10TH-12TH GRADERS:** Entrepreneurship, Practicum in Hospitality Services, Practicum in Hospitality Services II, Advanced Floral Design, Food Science, Career Prep I and II, Engineering Science, Environmental Sustainability, Engineering Design & Problem-Solving, Engineering Design & Development, Child Development, Instructional Practices, Practicum In Education & Training



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

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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.)

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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 (½ cr.) AND Small Animal Mgmt. (½ cr.) | Livestock Production (1 cr.) | Advanced Animal Science (1 cr.) OR Practicum in AFNR-Agriscience Center (2 cr.)

017-BI-AUDIO, VIDEO TECH & FILM: Digital Media (1 cr.) AND/OR Business Information Management I (1 cr.) | AV Production I (2 cr.) | AV Production II (2 cr.) | Practicum in AV Production I (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 (2 cr.)

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

BUSINESS & INDUSTRY ENDORSEMENT OPTIONS (CONT.)

048-BI-PROCESS TECHNOLOGY: Intro to Engineering PLTW (1 cr.) | Environmental Sustainability (1 cr.) OR AC/DC Electronics (1 cr.) | Lee College Courses | Lee College Courses

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

PUBLIC SERVICES ENDORSEMENT OPTIONS

COSMETOLOGY

Cosmetology courses are available at RELHS.

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

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

036-PS-LAW ENFORCEMENT: Principles of Law, Public Safety, Corrections & Security (1 cr.) | Law Enforcement I (1 cr.) | Law Enforcement II (1 cr.) | Forensic Science (1 cr.) AND/OR Practicum in Law Enforcement (2 cr.)

84D-PS-MCJROTC: 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)

ENGINEERING, ROBOTICS & INSTRUMENTATION

Engineering, Robotics & Instrumentations courses are available at RELHS through the STEM Academy.

Please complete the online application in January to apply for these programs.

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: Business Information Management I (1 cr.) | Computer Programming I OR On Ramps Computer Science OR AP Computer Science OR Video Game Design | Computer Programming II OR AP Computer Science | Career Preparation I

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, Small Engines I, Principles of Business, Marketing & Finance, Principles of Education & Training; **OTHER CTE COURSES AVAILABLE FOR 10TH-12TH GRADERS:** Entrepreneurship, Food Science, Money Matters, Business Law, Business Management, Child Development, Instructional Practives, Practium in Education & Training

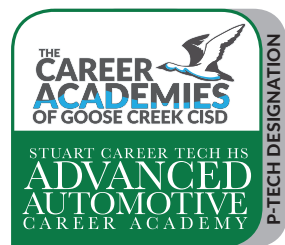
PATHWAYS IN TECHNOLOGY: EARLY COLLEGE HIGH SCHOOL CAMPUS HOSTS FIVE CAREER ACADEMIES



Stuart Career Tech P-Tech Early College High School is a unique combination of both the early college high school and the career academy models that prepare students for high skill, high wage, high demand careers. The students have the opportunity to earn a college associate degree or certificate and industry certifications in partnership with Lee College. Career Academies include the Advanced Automotive Academy, the Academy of Culinary Arts, the Academy of Agricultural Sciences, Information Technology Career Academy and the Manufacturing and Industrial Maintenance Academy.

SCTHS PROGRAM OF STUDY OFFERINGS

ADVANCED AUTOMOTIVE ACADEMY



Automotive & Collision Repair Technicians are one of the top 25 high-growth, high-skill, high-wage occupations in Texas. In the Advanced Automotive Academy, students learn the skills required to begin a successful career in the automotive and collision repair industries. Academic and technical classes combine automotive workplace knowledge and skills in an integrated curriculum using a NATEF certified facility. Partnering with Lee College, 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.

BUSINESS & INDUSTRY ENDORSEMENT OPTIONS:

007-BI-AUTOMOTIVE TECHNICIAN

007-BI-COLLISION REPAIR TECHNICIAN

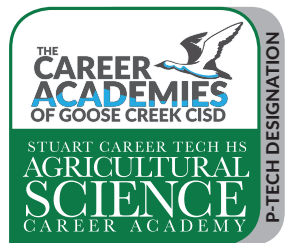
RECOMMENDED 4-YEAR PLAN

GRADE 9	GRADE 10	GRADE 11	GRADE 12
English 1	English 2	ENGL 1301 / 1302 DC	English 4
Algebra 1	Algebra II or Geometry	Geometry or DC Algebra	MATH 1314 / College Math
Biology	IPC	Principles of Technology	DC Science or EDFS
World Geography	Floral Design	DC History 1301/ 1302	DC Government / Economics
AVID /DC EDUC	Outdoor Adventure	DC BCIS / Health	DC Elective
Spanish 1	Spanish 2	DC Speech / DC Socio / DC Pysch	Practicum in Automotive Technology (3 cr.) OR Practicum in Transportation Systems (3 cr.)
Dual Credit Automotive (2 cr.) OR Collision Repair (2 cr.)	Dual Credit Automotive (2 cr.) OR Paint and Refinishing (2 cr.)	Dual Credit Automotive (2 cr.) OR Practicum in Transportation Systems (2 cr.)	

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

*AC denotes career-themed course./DC denotes Dual Credit college course

ACADEMY OF AGRICULTURAL SCIENCES



The Academy of Agricultural Sciences provides students with a strong academic foundation in veterinary studies with an emphasis on hands-on learning and problem solving which prepares students to sit for the Certified Veterinary Assistant Exam, offered through the Texas Veterinary Medicine Association. Students will be well prepared to enter the workforce as a CVA and/or continue their post-secondary education to work towards becoming a Veterinary Technician or Veterinarian. Special opportunities include assisting in operating the SCTHS Pet Clinic and Spa, 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 have the opportunity to participate in FFA, a Career and Technical Student Organization, dedicated to the advancement of agricultural studies. Students will graduate with a Business & Industry Endorsement and Performance Acknowledgment by earning college credits and a Veterinary Assistant Certification.

(Continued on PAGE 12)

ACADEMY OF AGRICULTURAL SCIENCES (Continued from PAGE 11)

BUSINESS & INDUSTRY ENDORSEMENT OPTIONS:

004-BI-VETERINARY ASSISTANT

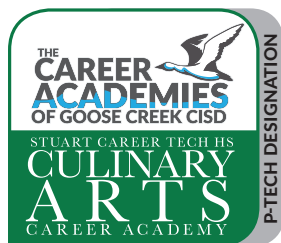
RECOMMENDED 4-YEAR PLAN

GRADE 9	GRADE 10	GRADE 11	GRADE 12
English 1	English 2	ENGL 1301 / 1302 DC	English 4
Algebra 1	Algebra II or Geometry	Geometry or DC Algebra	MATH 1314 / College Math
Biology	Chemistry	Adv. An Science	DC Science
World Geography	Floral Design	DC History 1301/ 1302	DC Government / Economics
AVID / DC EDUC	Outdoor Adventure	DC BCIS / Health	DC Elective
Spanish 1	Spanish 2	DC Speech / DC Socio / DC Pysch	
Principles of Agriculture, Food & Natural Resources (1 cr.) AND Wildlife, Fisheries, & Ecology Management (1 cr.)	Small Animal (.5 cr.) AND Equine Science (.5) 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)

*AC denotes career-themed course./DC denotes Dual Credit college course

ACADEMY OF CULINARY ARTS



Students in the Academy of Culinary Arts learn to feed the world while developing their passion for creating beautiful, healthy meals. Students study culinary techniques, nutrition, food chemistry, food processing and restaurant management in order to enter the 6th ranked industry on Texas Workforce Commission's list of Gulf Coast Occupations with Most Jobs Added Due to High Growth. 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 Culinary Café (Plate and Platter), 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.

BUSINESS & INDUSTRY ENDORSEMENT OPTIONS:

014-BI-CULINARY ARTS

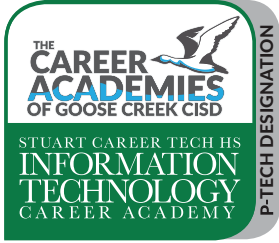
RECOMMENDED 4-YEAR PLAN

GRADE 9	GRADE 10	GRADE 11	GRADE 12
English 1	English 2	ENGL 1301 / 1302 DC	English 4
Algebra 1	Algebra II or Geometry	Geometry or DC Algebra	MATH 1314 / College Math
Biology	Chemistry	Food Science	DC Science
World Geography	Floral Design	DC History 1301/ 1302	DC Government / Economics
AVID / DC EDUC	Outdoor Adventure	DC BCIS / Health	DC Elective
Spanish 1	Spanish 2	DC Speech / DC Socio / DC Pysch	Practicum in Culinary Arts (3 cr.)
DC Culinary Courses (2 cr.)	DC Culinary Courses (2 cr.)	DC Culinary Courses (2 cr.)	

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

*AC denotes career-themed course./DC Denotes Dual Credit College Course

INFORMATION TECHNOLOGY CAREER ACADEMY



Network and Computer Systems Administrators are projected to have above-average growth in the workforce. In the Information Technology Academy, students learn the skills required to begin a successful career in the network and computer systems/support industry. Academic and technical classes combine information technology workplace knowledge and skills using industry-standard certifications and curriculum. Partnering with Lee College, students can earn both high school credit and college credit for many of their academic and technical courses. Four years with the Information Technology Academy will lead students to a Business & Industry endorsement, a college associate degree or certificate, and a Performance Acknowledgment if they earn CompTIA A+, Network+, or CISCO certifications. Seniors may participate in internships and scholarships are available to graduates.

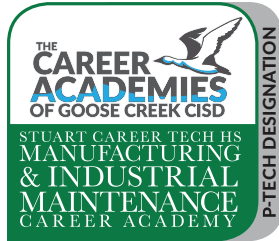
INDUSTRY ENDORSEMENT OPTION:

042-D-BI-INFORMATION TECHNOLOGY

RECOMMENDED 4-YEAR PLAN

GRADE 9	GRADE 10	GRADE 11	GRADE 12
English 1	English 2	ENGL 1301 / 1302 DC	English 4
Algebra 1	Algebra II or Geometry	Geometry or DC Algebra	MATH 1314 / College Math
Biology	Chemistry	Physics	DC Science or EDPS
World Geography	Floral Design	DC History 1301/ 1302	DC Government / Economics
AVID /DC EDUC	Outdoor Adventure	DC BCIS / Health	DC Elective
Spanish 1	Spanish 2	DC Speech / DC Socio / DC Pysch	Practicum in Information Technology (3 cr.)
Principles of Information Technology (1 cr.)	Computer Maintenance (2 cr.)	Computer Networking (2 cr.)	

MANUFACTURING & INDUSTRIAL MAINTENANCE CAREER ACADEMY



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 make up 50% of the high-skill, high-growth occupations targeted by the Gulf Coast Workforce Board, and they 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, pipefitting, process technology or instrumentation/electrical technology, students can earn a Business and Industry Endorsement with Performance Acknowledgments by earning NCCER, AWS and other credentials and certifications.

BUSINESS & INDUSTRY ENDORSEMENT OPTIONS:

060-BI-WELDING

046-BI-PIPEFITTING

RECOMMENDED 4-YEAR PLAN

GRADE 9	GRADE 10	GRADE 11	GRADE 12
English 1	English 2	ENGL 1301 / 1302 DC	English 4
Algebra 1	Algebra II or Geometry	Geometry or DC Algebra	MATH 1314 / College Math
Biology	IPC	Principles of Technology	DC Science or EDPS
World Geography	Floral Design	DC History 1301/ 1302	DC Government / Economics
AVID /DC EDUC	Outdoor Adventure	DC BCIS / Health	DC Elective
Spanish 1	Spanish 2	DC Speech / DC Socio / DC Pysch	Practicum in Construction-Pipe OR Practicum in Manufacturing (3 cr.)
Dual Credit Welding OR Dual Credit Pipefitting (2 cr.)	Dual Credit Welding OR Dual Credit Pipefitting (2 cr.)	Dual Credit Welding OR Dual Credit Pipefitting (2 cr.)	

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

* DC Denotes Dual Credit College



IMPACT Early College High School is a unique school that serves students who are ready and eager to do serious college work. It enables highly motivated students to move in four years from the ninth grade through the first two years of college, earning their high school diploma and potentially earning an associates degree or becoming Core Complete through our partnership with Lee College. After graduation from IMPACT, students are expected to continue to pursue their bachelor's degree or higher post-secondary associates degrees.

IMPACT has been recognized in Newsweek as a top school that prepares economically challenged children for college, has been awarded Bronze and Silver Medals from U S News and World Report's Best High Schools, has been ranked as one of the Best Schools through Niche, including being named a Niche Standout High School in America, was named to the Texas Honor Roll which recognizes public schools that demonstrate high levels of student academic achievement, improvement in achievement over time and reduction in achievement gaps, and received an "A" from Houston Magazine's list of Top Houston Public Schools.

IMPACT prepares students to be successful, independent college students by providing:

- ▶ College-ready academic behavior and skills
- ▶ College placement exam preparation (TSIA)
- ▶ College course support
- ▶ ACT/SAT prep
- ▶ Navigation through college systems
- ▶ Assistance with college application and financial aid

What does the IMPACT schedule look like?

Our schedule is a combination of high school and college courses after the freshman year. Our school schedule is aligned with the Lee College schedule. We have an 8 period day, Monday/Wednesday, periods 1-4; Tuesday/Thursday, periods 5-8; and Fridays alternate the M/W or T/Th schedule.

What if I'm accepted then change my mind?

Once school starts, you must remain the first semester and then the request will be considered. We'll meet with you and your parents, and a decision will be made in your best interest.



Can I get any degree I want from Lee College?

We work on a general studies degree so that all of your hours will transfer to any university. We will tailor your core classes to align with your anticipated degree plan.

What if Pre-AP is too hard?

We have tutorials, and we have dedicated teachers and staff to help you. We will support you to be successful, but you have to want it! Think about all of this before you submit your application. Remember that all of our classes are Pre-AP or dual enrollment classes.

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>.

Through Service Learning we reinforce:

- | | |
|---------------------------------------|---|
| ▶ Collaborative work | ▶ Understanding of civic responsibility |
| ▶ Problem-solving | ▶ Leadership skills |
| ▶ Continuous improvement | ▶ Commitment |
| ▶ Real-world learning and experiences | ▶ Positively impacting our community |

Are you. . .

- ▶ willing and committed to work as an "honors" level student?
- ▶ willing and committed to invest four years in high school for two degrees?
- ▶ mature enough to handle the college setting?
- ▶ willing and committed to attend a university to complete a bachelor's degree?

IMPACT PROGRAM OF STUDY OFFERINGS

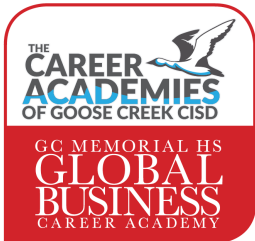
MULTIDISCIPLINARY ENDORSEMENT OPTIONS:

COLLEGE CREDIT OPTION:

_____ 4 credits in Academic Dual Credit



GLOBAL BUSINESS ACADEMY AT GCM



The Global Business Career Academy at Goose Creek Memorial (GCM) offers students engaging business and finance curriculum, job shadowing and internships, career certifications, and preparation for college and the business world. Academy students can choose the Accounting and Financial Services, Business Management, or Dual Credit Associates Plan that includes a highly rigorous business coherent sequence of courses that supplement with additional career courses in Business, Finance, Marketing and Accounting. With a team of teachers at each grade level, students' academic and technical classes integrate related business and finance activities into their coursework and projects span across academy classes. Business partners such as Beacon Credit Union, Walgreens, Chick-fil-A and Chevron-Phillips provide opportunities to learn about the business and finance world. Students even have an opportunity to have an internship in places like the Beacon Credit Union and/or coffee bar located at GCM as part of their senior year experience. Academy students earn a Business & Industry Endorsement with Performance Acknowledgments by earning Microsoft Office Specialist certifications along with other finance certifications..

BUSINESS INDUSTRY ENDORSEMENT OPTIONS:

001-BI-ACCOUNTING AND FINANCIAL SERVICES

011-BI-BUSINESS MANAGEMENT

011-BI-BUSINESS ASSOCIATES DUAL CREDIT PLAN

RECOMMENDED 4-YEAR PLAN

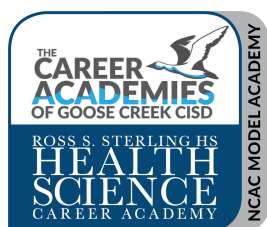
GRADE 9	GRADE 10	GRADE 11	GRADE 12
Pre-AP English I (AC)	Pre-AP English II (AC)	AP English III (AC) or Dual Credit	AP English IV (AC) or Dual Credit
Pre-AP World Geography (AC)	Pre-AP World History (AC)	AP U. S. History (AC) or Dual Credit	AP Government / Economics (AC) or Dual Credit
Pre-AP Algebra I (AC)	Pre-AP Geometry (AC)	Pre-AP Algebra II (AC)	Pre-Calculus (AC) or Dual Credit or Calculus AB/BC
Pre-AP Biology	Pre-AP Chemistry	Pre-AP Physics	4th Science with DC options
Foreign Language	Foreign Language	P.E.	Technology (if not DC) OR Other Elective with DC options
AVID (AC) AND DC Course	Health/Technology with DC options	Fine Arts with DC Option	Other Elective with DC options
Principles of Business, Marketing & Finance (AC) OR DC Course	Money Matters (AC) and/or Business Law OR DC Course	Banking and Financial Services AND Sports and Entertainment Marketing and/or Accounting I (AC) and/or Business Management OR DC Course	Financial Analysis (AC) and/or Accounting II (AC) (1 credit) OR Practicum in Business Management (AC) (2 credits) OR DC Course
Other Elective	Other Elective	Other Elective	Other Elective

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

*AC denotes career-themed course./DC denotes Dual Credit college course



HEALTH SCIENCE ACADEMY AT RSS



For careers in health sciences, the Sterling Health Science Career Academy places students on a path of excellence. Academy students complete the Project Lead the Way (PLTW) Biomedical Science Program of Study, frequently supplemented with courses from the General Health Science Program of Study. With a team of teachers at each grade level, students' academic and technical classes integrate related medical science activities into their coursework and projects span across academy classes. Partnerships with Houston Methodist Baytown Hospital and many other local health care facilities provide opportunities for students to experience diverse health care occupations. Biomedical Science students are inspired to explore and find solutions to some of today's most pressing medical challenges. Through activities that connect learning to life, students step into the roles of biomedical science professionals and investigate topics including human medicine, physiology, genetics, microbiology, and public health. Students work together in teams to find unique solutions, and in the process, learning demand, transferable skills like critical thinking and communication. Academy students earn a STEM or Public Services Endorsement with Performance Acknowledgments by earning Microsoft Office Specialist, CNA, CCMA, CPR, Pharmacy Technician, EKG and/or Phlebotomy certifications.

STEM/PUBLIC SERVICES ENDORSEMENT OPTIONS:

009-STEM-BIOMEDICAL SCIENCE

033-PS-HEALTHCARE DIAGNOSTICS & THERAPEUTIC

RECOMMENDED 4-YEAR PLAN

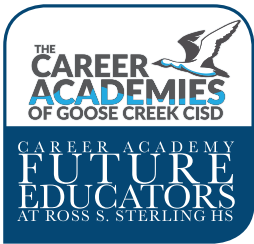
GRADE 9	GRADE 10	GRADE 11	GRADE 12
Pre-AP English I (AC)	Pre-AP English II (AC)	AP English III (AC) or Dual Credit	AP English IV (AC) or Dual Credit (AC)
World Geography	World History	U. S. History or Dual Credit	AP Government/Economics or Dual Credit
Pre-AP Algebra I (AC)	Geometry	Pre-AP Algebra II (AC)	Pre-Calculus (AC); or Dual Credit
Pre-AP Biology (AC)	Pre-AP Chemistry (AC)	Pre-AP Physics (AC)	Anatomy & Physiology (AC) or Dual Credit
P.E. or Art	Foreign Language	Foreign Language	P.E. or Art
BIOMEDICAL SCIENCE			
Principles of Biomedical Science	Human Body Systems	Medical Interventions (1 Credit)	Biomedical Innovations (1cr.)
HEALTHCARE DIAGNOSTICS & THERAPEUTIC ELECTIVES			
Principles of Health Science	Medical Terminology	Health Science Theory w/Clinical Rotations (2 credits)	Practicum in Health Science (CNA, CCMA, or Pharm Tech) (2 credits)
Other Elective	Other Elective	Other Elective	Other Elective

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

*AC denotes career-themed course./DC denotes Dual Credit college course



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, Bay Area Rehab Center 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, Google Suites, CPR and Education Aide (after graduation).

PUBLIC SERVICES ENDORSEMENT OPTIONS:

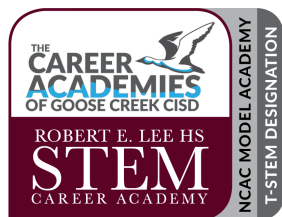
_____ 050-PS-TEACHING AND TRAINING

RECOMMENDED 4-YEAR PLAN

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Pre-AP English I (AC)	Pre-AP English II (AC)	AP English III (AC) or Dual Credit	AP English IV (AC) or Dual Credit (AC)
World Geography	World History	U. S. History or Dual Credit	AP Government/Economics or Dual Credit
Pre-AP Algebra I (AC)	Geometry	Pre-AP Algebra II (AC)	Pre-Calculus (AC); or Dual Credit
Pre-AP Biology (AC)	Pre-AP Chemistry (AC)	Pre-AP Physics (AC)	4th Science or Dual Credit
P.E. or Art	Foreign Language	Foreign Language	P.E. or Art
Principles of Health Science	Other Elective	Recommended Elective: DC Introduction to Psych/Psych 2301	Other Elective
Principles of Education and Training	Child Development	Instructional Practices (2 cr)	Practicum in Education and Training (2 cr.)
Other Elective	Other Elective	Other Elective	Other Elective

COURSE COLOR CODES: ■ 1st Year Course(s) ■ 2nd Year Course(s) ■ 3rd Year Course(s) ■ 4th Year Course(s)
*AC denotes career-themed course./DC denotes Dual Credit college course

SCIENCE, TECHNOLOGY, ENGINEERING & MATH ACADEMY AT REL



Lee High School hosts the Science, Technology, Engineering and Mathematics (STEM) Career Academy for Goose Creek CISD, which has earned a Texas Education Agency T-STEM Designation. 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, Covestro, Samson and the city of Baytown provide opportunities to learn about the engineering world, and Lee College offers dual credit classes for the students to graduate with college credits. Academy students earn a STEM Endorsement with Performance Acknowledgments by earning Microsoft Office Specialist certifications along with other software-related certifications. Students enjoy a well-rounded education with site-based industry field trips, robotics competitions, guest speakers, internships, job shadowing and college visits.

STEM/BUSINESS & INDUSTRY ENDORSEMENT OPTIONS:

(Algebra II, Chemistry & Physics + 4th Math + 4th Science Required)

022-D-STEM-ENGINEERING

049-D-STEM-INSTRUMENTATION

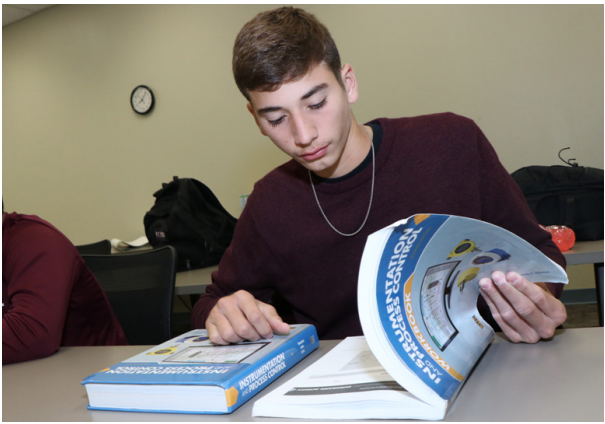
002-D-BI-ROBOTICS

RECOMMENDED 4-YEAR PLAN

GRADE 9	GRADE 10	GRADE 11	GRADE 12
English 1 PAP AC	English 2 PAP AC	English 3 AC DC English	English 4 AC DC ENGLISH
Algebra 1 PAP AC Geometry PAP AC	Geometry PAP AC Algebra 2 PAP AC	Algebra 2 PAP AC Pre-Cal PAP AC DC Math 1314/2412	AP CAL Pre-Cal PAP AC DC Math 1314/2412
Biology PAP AC	Chemistry PAP AC	Physics AP PAP Physics AC	Engineer Your World* AP Biology AP Environmental Science
World Geography (Reg. or PAP) AP Human Geography	World History (Reg. or PAP)	US History (Reg. or PAP)	Government & Economics
ENGINEERING			
Introduction to Engineering Design AC	Environmental Sustainability AC	Engineering Science AC	Engineering Design & Development AC
INSTRUMENTATION			
Introduction to Engineering Design AC	DC Instrumentation AC	DC Instrumentation AC	DC Instrumentation AC
ROBOTICS			
Introduction to Engineering Design AC	AC/DC Electronics	Robotics I	Robotics II
Business Information Management	Health/Other Elective	Add'l Math, Science OR Other Elective	Add'l Math, Science OR Other Elective
Other Elective	Other Elective	Other Elective	Other Elective
Other Graduation Requirements: Technology (1 cr.); PE (1 cr.); Health (.5 cr.); Foreign Language (2 cr.); Fine Art (1 cr.)			

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

*AC denotes career-themed course./DC denotes Dual Credit college course



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. Students must pay a \$50 dual credit fee annually and a one-time fee of \$25 for a cosmetology student permit. Purchasing individual kits of equipment is optional for students.

013-PS-COSMETOLOGY

GRADE 9
Dual Credit Cosmetology Courses (2 cr.)
GRADE 10
Dual Credit Cosmetology Courses (2 cr.)
GRADE 11
Dual Credit Cosmetology Courses (2 cr.)
GRADE 12
Dual Credit Cosmetology Courses (2 cr.)

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
Accounting	—	AC	—	—	—
Animal Science	—	✗	✗	✗	—
Audio, Video Tech & Film	—	SCC	SCC	SCC	—
Automotive Technician	—	—	—	—	AC (DC)
Business Associates Degree	—	AC (DC)	—	—	—
Business Management	—	AC	—	—	—
Collision Repair	—	—	—	—	AC
Information Technology	—	—	—	—	AC
Construction	—	✗	✗	✗	—
Culinary Arts	—	—	—	—	AC (DC)
Graphic and Fashion Design (Yearbook)	—	✗	✗	✗	—
Logistics	—	LC	—	—	—
Pipefitting	—	—	—	—	AC (DC)
Applied Agricultural Engineering	—	✗	✗	✗	—
Process Technology	—	—	✗	—	—
Robotics	—	—	AC	—	—
Veterinary Assistant	—	—	—	—	AC
Welding	—	—	—	—	AC (DC)
MULTIDISCIPLINARY					
PROGRAM OF STUDY	IMPACT	GCM	REL	RSS	SCTHS
4✗4	✗	✗	✗	✗	—
Advanced Course	✗	✗	✗	✗	—
College Credit (AP, Dual Credit)	✗	✗	✗	✗	—
PUBLIC SERVICES					
PROGRAM OF STUDY	IMPACT	GCM	REL	RSS	SCTHS
Cosmetology	—	—	DC	—	—
Teaching & Training	—	—	—	AC	—
Healthcare Diagnostics & Therapeutic	—	✗	✗	✗	—
Law Enforcement	—	✗	✗	✗	—
MC JROTC	—	✗	✗	✗	—
SCIENCE, TECHNOLOGY, ENGINEERING & MATH (STEM)					
PROGRAM OF STUDY	IMPACT	GCM	REL	RSS	SCTHS
Biomedical Science	—	—	—	AC	—
Combination	—	✗	✗	✗	—
Computer Programming & Software Development	—	✗	✗	✗	—
Engineering	—	—	AC	—	—
Instrumentation	—	—	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; **SCC**–Upper level course must be taken at the Stuart Career Center campus; application process required and admission is based upon the number of students requesting the courses.