



HIGH SCHOOL OPTIONS

Class of 2022

THE
EARLY COLLEGE
HIGH SCHOOLS OF GOOSE CREEK CISD

THE
CAREER ACADEMIES
OF GOOSE CREEK CISD



APPLICATIONS DUE FEBRUARY 2ND AT 5 PM

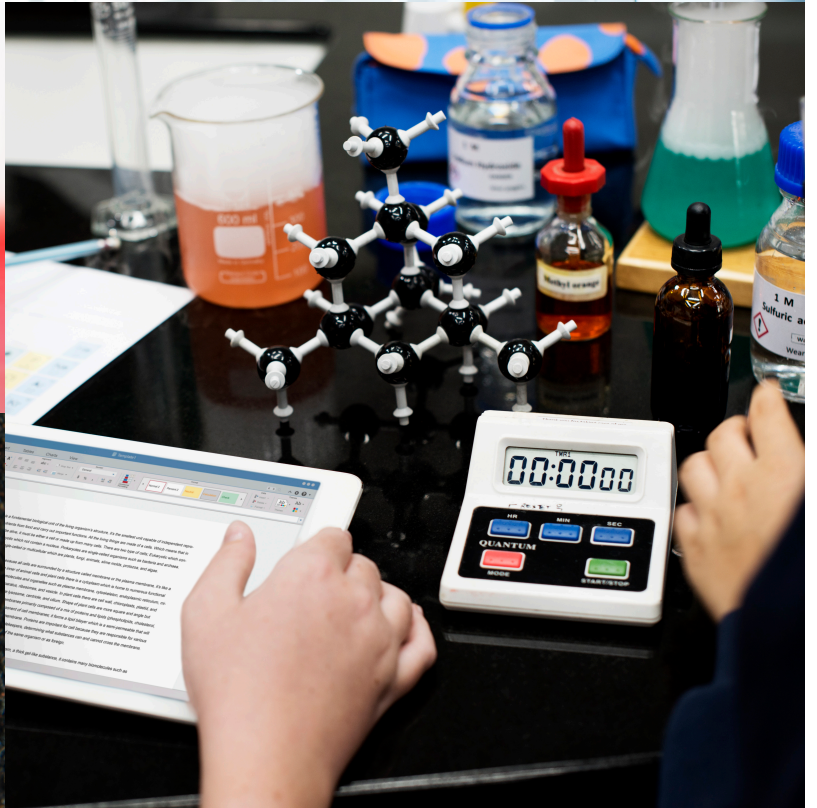


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Public Notification of Non-discrimination in Career and Technical Education Programs

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.



HIGH SCHOOL OPTIONS

8th Grade students (Class of 2022) have many options when planning for their high school years. They may choose to attend the traditional high school campus to which they are zoned, or they may choose to apply to IMPACT Early College HS; Stuart Career Tech's 4 Career Academies: Advanced Automotive, Agriculture Science, Culinary Arts, Manufacturing & Industrial Maintenance; the Global Business Academy at Goose Creek Memorial HS; the Health Science Academy at Ross Sterling HS; or the 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 cohort and remain together over their high school experience. Academies provide 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, including Advanced Placement 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.

Students attend academic and career classes that are taught by a team of teachers who work together to improve student engagement and success. This team of teachers meet regularly to discuss student success as well as targeted student needs in order to build a family of support for the students.

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 may participate in the career and technical student organization connected to their curriculum.

Students must complete the full application in January to be considered for a career academy.

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's 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. . . .Stuart Career Tech HS

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 HSRoss S. Sterling HS

HIGH SCHOOL 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.

HIGH SCHOOL OPTIONS

HS PROGRAMS, CONTINUED

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. Advanced CTE courses help students develop their technical skill proficiency, allowing them to earn industry recognized credentials, certificates, and degrees. This prepares graduates to attend college, enter the workforce in a related entry-level position, or to do both. 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). Although students must choose one primary endorsement, additional endorsements may be earned with careful planning of the student's four-year plan.

All five Texas Endorsements are available at the traditional high schools. Endorsement options for the early college high schools are limited.

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 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 career success in a specific occupation or in closely related occupations.

STUART CAREER TECH HS

302 YMCA Drive
Baytown, TX 77521
281-420-4550

www.gccisd.net/StuartTech

CAP RODER
SCTHS PRINCIPAL
✉ ERNEST.RODER@GCCISD.NET
☎ 281-420-4550

An Early College High School Campus that Hosts 4 Career Academies

Stuart Career Tech Early College High School is a unique combination of both the early college high school and the career academy

SCTHS

Stuart Career Tech High School

models that prepare schools 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 Culinary Arts Academy, the Agriculture Science 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:

_____ 53D-BI-Automotive Technician

_____ 53D-BI-Collision Repair

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	Pre-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 Math
Pre-AP Biology (AC)	Pre-AP Chemistry (AC)	Pre-AP Physics (AC)	4th Science (AC) or Dual Credit
Spanish I	Spanish II	Art	Other Elective
AVID/EDUC 1200	Business Information Management/Health	P.E.	Practicum in Transportation Systems (3 credits)
Basic Automotive	Automotive Technology I (2 credits or Collision Repair (2 credits)	Advanced Automotive Technology (2 credits) or Paint & Refinishing (2 credits)	
Introduction to Collision Repair and Refinishing			

COURSE COLOR CODES:



1st Year Course(s)



2nd Year Course(s)



3rd Year Course(s)



4th Year Course(s)

AGRICULTURE SCIENCE CAREER ACADEMY

Students in the Agriculture Science Academy focus on renewing, reusing and protecting the earth’s resources: air, water, soil, plants and animals. Students learn the knowledge and skills to pursue their dreams to make a positive change in their community, the environment and the world while earning their associate of science degree. Academic and technical teachers collaborate to provide hands-on experience with the theories, tools and techniques scientists use to study today’s pressing conservation issues, addressing two of the high-skill, high-growth occupations targeted by the Gulf Coast Workforce Board: Environmental Engineers and Geoscientists. College and high school classes include intensive field-based environmental science projects in partnership with the Baytown Wetlands and Nature Center, FFA leadership and career development competitions. Students will graduate with a Business & Industry Endorsement and Performance Acknowledgment opportunities by earning college credits and a Veterinary Tech certification.

BUSINESS & INDUSTRY ENDORSEMENT OPTIONS:

_____ 24D-BI-Animal Science

_____ 24D-BI-Plant Science

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	Pre-AP Government / Economics(AC) or Dual Credit
Pre-AP Algebra I (AC)	Pre-AP Geometry (AC)	Pre-AP Algebra II (AC) or Dual Credit	Pre-Calculus (AC); (AC) or Dual Credit Math
Pre-AP Biology (AC)	Pre-AP Chemistry (AC)	Pre-AP Physics (AC)	Plant Service (AC) or Advanced Animal Science or Dual Credit
Spanish I	Spanish II	Art	Other Elective
AVID/EDUC 1200	Business Information Management/ Health	P.E.	Practicum in Agriculture, Food & Natural Resources (3 credits)
Principles of Agriculture, Food & Natural Resources	Floral Design	Horticulture Science	
Wildlife, Fisheries, and Ecology Management	Small Animal Management (1/2) & Equine Science	Veterinary Medical Science	

COURSE COLOR CODES:

1st Year Course(s)

2nd Year Course(s)

3rd Year Course(s)

4th Year Course(s)

CULINARY ARTS CAREER ACADEMY

Students in the Culinary Arts Academy 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:

_____ 32-D-BI-Culinary Arts

STUART CAREER TECH HS

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	Pre-AP Government / Economics (AC) or Dual Credit
Pre-AP Algebra I (AC)	Pre-AP Geometry (AC)	Pre-AP Algebra II (AC)	Pre-Calculus (AC); (AC) or Dual Credit Math
Pre-AP Biology (AC)	Pre-AP Chemistry (AC)	Pre-AP Physics (AC)	4th Science (AC) or Dual Credit
Spanish I	Spanish II	Floral Design	Other Elective
AVID/EDUC 1200	Business Information Management/Health	P.E.	Practicum in Culinary Arts (3 credits)
Introduction to Culinary Arts	Culinary Arts (2 credits)	Meat Processing with Lab (2 credits) OR	
Food Technology & Safety		Advanced Culinary Arts (Baking)	

COURSE COLOR CODES:



1st Year Course(s)



2nd Year Course(s)



3rd Year Course(s)



4th Year Course(s)

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:

26D-BI-Industrial Maintenance

46D-BI-Process Technology

86D-BI-Instrumentation

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	Pre-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 Math
Pre-AP Biology (AC)	Pre-AP Chemistry (AC)	Pre-AP Physics (AC)	4th Science (AC) or Dual Credit
Spanish I	Spanish II	Floral Design	Other Elective
AVID/EDUC 1200	Business Information Management/Health	P.E.	Practicum in Construction-Pipe OR Practicum in Manufacturing OR Dual Credit Process Technology OR Instrumentation (3 credits)
Principles of Construction	Pipefitting I with Lab OR Welding I OR Dual Credit Process Technology Or Instrumentation (2 credits)	Pipefitting II with Lab OR Welding II OR Dual Credit Process Technology Or Instrumentation (2 Credits)	
Principles of Manufacturing			

COURSE COLOR CODES:



1st Year Course(s)



2nd Year Course(s)



3rd Year Course(s)



4th Year Course(s)

GLOBAL BUSINESS ACADEMY at GCM

KELLEY START
 CAREER & TECHNICAL EDUCATION SPECIALIST
 ✉ KELLEY.START@GCCISD.NET
 ☎ 281-421-4400

6001 E. Wallisville Road
 Baytown, TX 77521
 281-421-4400

www.gccisd.net/GCM

Traditional High School Campus that hosts the Global Business Academy



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 choose between the Business Administration or Finance Programs of Study and complete a highly rigorous business coherent sequence of courses that they often supplement with additional career courses in a specific area of interest. 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, Aramark, and Chevron-Phillips provide opportunities to learn about the business and finance world. Students even have an opportunity to work in 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:

- _____ **34D-BI-Accounting**
- _____ **34D-BI-Business Management**

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	Pre-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
Pre-AP Biology	Pre-AP Chemistry	Pre-AP Physics	4th Science
P.E. or Art	Foreign Language	Foreign Language	P.E. or Art
Business Information Management	Health/Other Elective	Other Elective	Other Elective
Principles of Business, Marketing & Finance (AC)	Money Matters (AC) and/or Business Law	Accounting I (AC) and/or Business Management	Accounting II (AC) (1 credit) or Entrepreneurship (AC) (1 credit) or Practicum in Business Management (AC) (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)

Traditional High School Campus that hosts the Health Science Academy



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 San Jacinto 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 Public Services Endorsement with

Performance Acknowledgments by earning Microsoft Office Specialist, CNA, CCMA, Pharmacy Technician, EKG and/or Phlebotomy

certifications.

PUBLIC SERVICES ENDORSEMENT OPTIONS:

_____ 77D-PS-Biomedical Science

_____ 77D-PS-General Health Science

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	Pre-AP World History	AP U. S. History or Dual Credit	AP Government/Economics or Dual Credit
Pre-AP Algebra I (AC)	Pre-AP Geometry (AC)	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
Business Information Management for Health Careers	Other Elective	Other Elective	Other Elective
Principles of Biomedical Science	Human Body Systems and/or Principles of Health Science	Medical Interventions (1 Credit) AND/OR Health Science Theory w/ Clinical Rotations (2 credits)	Biomedical Interventions (1cr.) AND/OR 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)

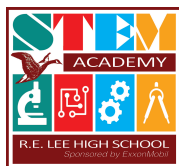
SCIENCE, TECHNOLOGY, ENGINEERING & MATH ACADEMY at REL

LINDSEY MAREK
 CAREER & TECHNICAL EDUCATION SPECIALIST
 ✉ LINDSEY.MAREK@GCCISD.NET
 📞 281-420-4535

1809 Market
 Baytown, TX 77520
 281-420-4535

www.gccisd.net/REL

Traditional High School Campus that hosts the STEM Academy



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 and Covestro provide opportunities to learn about the engineering world, and Lee College offers dual credit classes for the students to graduate with academic 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 ENDORSEMENT OPTIONS: (Algebra II, Chemistry & Physics + 4th Math + 4th Science Required)

- _____ **86D-D-STEM-Engineering**
- _____ **86D-D-STEM-Instrumentation**
- _____ **86D-D-STEM-Robotics**
- _____ **91D-STEM-Math: (5 credits in math)**
- _____ **91D-STEM-Science: (5 credits in Science)**
- _____ **91D-STEM-Combination: Math/Science/Engineering**

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	Pre-AP World History	AP U. S. History or Dual Credit	Pre-AP Government / Economics or Dual Credit
Pre-AP Algebra I (AC)	Pre-AP Geometry (AC)	Pre-AP Algebra II (AC)	Pre-Calculus (AC); or Dual Credit
Pre-AP Biology (AC)	Pre-AP Chemistry (AC)	Pre-AP Physics (AC)	Engineer Your World (AC) or Dual Credit Science*
P.E. or Art	Foreign Language	Foreign Language	P.E. or Art
Business Information Management	Health/Other Elective	Add'l Math, Science or Other Elective	Add'l Math, Science or Other Elective
Introduction to Engineering Design (PLTW) (AC)	Engineering Science (PLTW) and/or AC/DC Electronics	Environmental Sustainability and/or Dual Credit	Engineering Design & Development, Robotics II or Dual Credit
Other Elective	Other Elective	Other Elective	Other Elective

*Final Course in endorsement coherent sequence

COURSE COLOR CODES:

- 1st Year Course(s)
- 2nd Year Course(s)
- 3rd Year Course(s)
- 4th Year Course(s)

An Early College High School Campus



IMPACT Early College High School is a unique school that serves young people 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 a 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 is ranked 28th out of 500 schools that prepare economically challenged children for college, was awarded a Silver Medal from U.S. News and World Report's Best High Schools 2016, 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 the following:

- 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 Friday is focused on the four core classes with time built in for tutorials.

What if I'm accepted then change my mind?

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

Can I get any degree I want from Lee College?

No. We work on a general studies degree so that all of your hours will transfer to any university.

What if Pre-AP is too hard?

We are a small campus, 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 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
- Problem-solving
- Continuous improvement
- Real-world learning and experiences
- Understanding of civic responsibility
- Leadership skills
- Altruism
- Commitment
- 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?
- willing and committed to engage in non-traditional learning and assessment activities?
- 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

CAREER & TECHNICAL EDUCATION

TAMEKA MILLS

COORDINATOR, CAREER & TECHNICAL EDUCATION

✉ TAMEKA.MILLS@GCCISD.NET

📞 281-420-3082

Traditional High Schools Programs of Study
(GCM, REL, RSS)

www.gccisd.net/CTE

BUSINESS & INDUSTRY ENDORSEMENT OPTIONS - (4TH MATH & 4TH SCIENCE REQUIRED)

24D-BI Animal Systems:

Principles of AFNR (1 cr.)

Wildlife, Fisheries & Ecol. Mgmt. (1 cr.)

Equine Science (½ cr.) AND Small Animal Mgmt. (½ cr.) OR

Livestock Production (1 cr.)

Advanced Animal Science (1 cr.)

26D- BI-Construction:

Principles of Construction (1 cr.)

Construction Technology I (2 cr.)

Construction Technology II (2 cr.)

Practicum in Construction Technology (2 cr.)

31D-BI-Audio,VideoTech & Film:

Commercial Photography (1 cr.) OR Business Information Management I (1 cr.)

AV Production I (2 cr.)

AV Production II (2 cr.)

Practicum in AV Production I (2 cr.)

31D-BI-Graphic Design and Illustration (Yearbook):

Commercial Photography (1 cr.) OR Business

Information Management I (1 cr.)

Digital Media (1 cr.)

Graphic Design & Illustration 1-Yearbook I (1 cr.)

Graphic Design & Illustration 2-Yearbook I (1 cr.)

24D-BI-Power, Structural & Welding Technical Systems:

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.)

46D-BI-Process Technology:

Intro to Engineering PLTW (1 cr.)

Engineering Science PLTW (1 cr.) OR

AC/DC Electronics (1 cr.)

Lee College Courses

Lee College Courses

41D-BI-Computer Maintenance:

Electronics (1 cr.)

Computer Maintenance I (2 cr.)

Computer Technician Prac. (2 cr.)

Lee College (1 cr.)

41D-BI-Programming & Software Development:

Business Information Management (1 cr.)

Video Game Design I (1 cr.)

Computer Programming I (1 cr.)

Computer Programming II (1 cr.)

PUBLIC SERVICES ENDORSEMENT OPTIONS (4TH MATH & 4TH SCIENCE REQUIRED)

78D-PS-Cosmetology:

Lee College Course

Lee College Courses

Lee College Courses

Lee College Courses

77D-PS-General Health Science:

BIM for Health Science Careers (1 cr.)

Principles of Health Science (1 cr.)

Health Science Theory/Health Science Clinical (2 cr.)

Practicum in Health Science (2 cr.) AND/OR

Anatomy & Physiology (1 cr.)

81D-PS-Law Enforcement & Legal Service:

Principles of Law, Public Safety, Corrections & Security (1 cr.)

Law Enforcement I (1 cr.)

Law Enforcement II (1 cr.)

Forensic Science (1 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.)

71D-PS-Teaching and Training:

Principles of Education & Training (1 cr.)

Child Development (1 cr.)

Instructional Practices (Ready, Set, Teach! I) (2 cr.)

Practicum in Education & Training (Ready, Set,

Teach! II) (2 cr.)

STEM ENDORSEMENT OPTIONS (ALGEBRA II, CHEMISTRY & PHYSICS REQUIRED)

86D-STEM-Engineering:

Introduction to Engineering Design (PLTW) (1 cr.)

Engineering Science (PLTW) (1 cr.)

Computer Integrated Manufacturing (PLTW-GCM)

OR Environmental Sustainability (PLTW-REL &RSS)
(1 cr.)

Engineering Design & Problem-Solving +

Engineering Design & Development (PLTW) (1 cr.)

86D-STEM-Instrumentation:

Introduction to Engineering Design (PLTW) (1 cr.)

Engineering Science (PLTW) (1 cr.)

Lee College Course

Lee College Courses

99D-STEM-Combination:

(5 credits in Math/Science/Engineering)

COURSE COLOR CODES:

■ 1st Year Course(s)

■ 2nd Year Course(s)

■ 3rd Year Course(s)

■ 4th Year Course(s)