



# HIGH SCHOOL OPTIONS FOR THE CLASS OF 2023

THE **CAREER ACADEMIES**  
OF GOOSE CREEK CISD



& THE **EARLY COLLEGE**  
HIGH SCHOOLS OF GOOSE CREEK CISD

APPLICATIONS DUE FEBRUARY 3RD AT 11:59 PM



# TABLE OF CONTENTS

HIGH SCHOOL CAMPUS OPTIONS .....	3
HIGH SCHOOL PROGRAM OPTIONS .....	4
IMPORTANT HIGH SCHOOL COURSE SELECTION TERMS .....	4
<b>STUART CAREER TECH HS</b>	
Advanced Automotive Academy .....	5
Academy Of Agricultural Sciences .....	6
Academy Of Culinary Arts .....	6
Manufacturing & Industrial Maintenance Academy .....	7
<b>STUART CAREER TECH HS PROGRAM OF STUDY OPTIONS .....</b>	<b>8</b>
<b>IMPACT EARLY COLLEGE HS .....</b>	<b>9</b>
<b>GLOBAL BUSINESS ACADEMY .....</b>	<b>10</b>
<b>GOOSE CREEK MEMORIAL HS PROGRAM OF STUDY OPTIONS .....</b>	<b>11</b>
<b>HEALTH SCIENCE ACADEMY .....</b>	<b>12</b>
<b>ROSS S. STERLING HS PROGRAM OF STUDY OPTIONS .....</b>	<b>13</b>
<b>ENGINEERING ACADEMY .....</b>	<b>14</b>
<b>COSMETOLOGY PROGRAM .....</b>	<b>14</b>
<b>ROBERT E. LEE HS PROGRAM OF STUDY OPTIONS .....</b>	<b>15</b>
<b>SUMMARY OF ENDORSEMENT OPTIONS BY CAMPUS .....</b>	<b>16</b>

## 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.



8th grade students (Class of 2023) have many options when planning for their high school years. They may choose from many of the study options at 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, Agricultural 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 or the 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.

## 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.

## 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.

## 8TH GRADE PLANNING TIMELINE

12/10/18 - 12/19/18	<b>8TH GRADER COURSE REGISTRATION</b> All 8th grade students will select an endorsement and program of study for the campus they are zoned to.
1/9/19 - 2/3/19	<b>8TH GRADE HIGH SCHOOL OPTIONS APPLICATION WINDOW OPEN</b> 8th grade students interested in applying to an academy, cosmetology program, IMPACT or SCTHS need to complete the online application.
2/3/19	<b>8TH GRADE HIGH SCHOOL OPTIONS APPLICATIONS DUE</b>
2/15/19	<b>8TH GRADE HIGH SCHOOL OPTIONS ACCEPTANCE LETTERS DISBURSED TO STUDENTS</b> 8th grade students who are accepted to an academy, cosmetology program, IMPACT or SCTHS will receive an acceptance letter.
2/21/19	<b>8TH GRADE MANDATORY PARENT MEETING</b> Mandatory parent meeting for students accepted into cosmetology or an academy.
3/3/19 - 7/31/19	<b>8TH GRADE 2ND ROUND OF HIGH SCHOOL OPTIONS APPLICATIONS WINDOW OPEN</b> 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.

# HIGH SCHOOL 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.

## 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.

## An Early College High School Campus that Hosts Four Career Academies

Stuart Career 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, 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 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 or Chemistry	Physics or Chemistry	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 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.)	

\* DC Denotes Dual Credit College Course

#### COURSE COLOR CODES:



1st Year Course(s)



2nd Year Course(s)



3rd Year Course(s)



4th Year Course(s)

## ACADEMY OF AGRICULTURAL SCIENCES

Students in the Academy of Agricultural Sciences 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-HORTICULTURAL SCIENCE & PRODUCTION

24D-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	IPC or Chemistry	Physics or Chemistry	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 Horticulture Science (1 cr.) OR Principles of Agriculture, Food & Natural Resources (1 cr.) AND Wildlife, Fisheries, & Ecology Management (1 cr.)	Greenhouse Operation and Production (1 cr.) AND Turf Grass Management (.5 cr.) AND Landscape Design and Management (.5 cr.) OR Small Animal (.5 cr.) AND Equine Science (.5) AND Livestock Production (1 cr.)	Forestry and Woodland Ecosystems (1 cr.) AND Floral Design (1 cr.) OR Veterinary Medical Application/ Agricultural Laboratory and Field Experience (2 cr.) AND Advanced Animal Science (1 cr.)	Practicum in Agriculture, Food and Natural Resources (2 cr.) AND Advanced Plant Science (1 cr.) OR Practicum in Agriculture, Food and Natural Resources in Vet Science (3 cr.)

\* DC Denotes Dual Credit College Course

### COURSE COLOR CODES:



1st Year Course(s)



2nd Year Course(s)



3rd Year Course(s)



4th Year Course(s)

## 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:

32-D-BI-CULINARY ARTS

(CONTINUED ON NEXT PAGE)

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 or Chemistry	Physics or Chemistry	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 (1 cr.)	DC Culinary Courses (2 cr.)	DC Culinary Courses (2 cr.)	

\* DC Denotes Dual Credit College Course

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-WELDING

26D-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 or Chemistry	Physics or Chemistry	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 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.)	

\* DC Denotes Dual Credit College Course

COURSE COLOR CODES:

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

## PROGRAM OF STUDY OPTIONS – CLASS OF 2023



### COURSE COLOR CODES:

■ 1st Year Course(s)

■ 2nd Year Course(s)

■ 3rd Year Course(s)

■ 4th Year Course(s)

### ADVANCED AUTOMOTIVE ACADEMY (W/ASE ICAR HIGH SCHOOL CERTIFICATION)

---

#### 53D-BI-AUTOMOTIVE TECHNICIAN:

Dual Credit Automotive Courses (2 cr.)

Dual Credit Automotive Courses (2 cr.)

Dual Credit Automotive Courses (2 cr.)

Practicum in Automotive Technology (3 cr.)

#### 53D-BI-COLLISION REPAIR:

Collision Repair (2 cr.)

Paint and Refinishing (2 cr.)

Practicum in Transportation Systems I (2 cr.)

Practicum in Transportation Systems II (2 cr.)

### ACADEMY OF CULINARY ARTS (WITH SERVSAFE CERTIFICATION)

---

#### 32-D-BI-CULINARY ARTS:

Dual Credit Culinary Courses (2 cr.)

Dual Credit Culinary Courses (2 cr.)

Dual Credit Culinary Courses (2 cr.)

Practicum in Culinary Arts (3 cr.)

### ACADEMY OF AGRICULTURAL SCIENCES (W/VETERINARY MEDICINE CERTIFICATION)

---

#### 24D-BI-HORTICULTURAL SCIENCE & PRODUCTION:

Principles of Agriculture, Food & Natural Resources (1 cr.) AND Horticulture Science (1 cr.)

Greenhouse Operation and Production (1 cr.) AND Turf Grass Management (.5 cr.)

AND Landscape Design and Management (.5 cr.)

Forestry and Woodland Ecosystems (1 cr.) AND Floral Design (1 cr.)

Practicum in Agriculture, Food and Natural Resources (2 cr.) AND Advanced Plant Science (1 cr.)

#### 24D-BI-VETERINARY ASSISTANT:

Principles of Agriculture, Food & Natural Resources (1 cr.) AND Wildlife, Fisheries, and Ecology Management (1 cr.)

Small Animal (.5 cr.) AND Equine Science (.5) AND Livestock Production (1 cr.)

Veterinary Medical Applications/Agricultural Laboratory and Field Experience (2 cr.) AND Advanced Animal Science (1 cr.)

Practicum in Agriculture, Food and Natural Resources in Vet Science (3 cr.)

### MANUFACTURING & INDUSTRIAL MAINTENANCE CAREER ACADEMY (W/NCCER CREDENTIALS)

---

#### 26D-BI-INDUSTRIAL MAINTENANCE:

Dual Credit Welding OR Pipefitting Courses (2 cr.)

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

## 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 semester 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 ACADEMY ON A TRADITIONAL HIGH SCHOOL CAMPUS



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, 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, 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

\_\_\_\_\_ 34D-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	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 OR BCIS 1405	Health/Other Elective	Other Elective	Other Elective
Principles of Business, Marketing & Finance (AC) OR DC Course	Money Matters (AC) and/or Business Law OR DC Course	Accounting I (AC) and/or Business Management OR DC Course	Accounting II (AC) (1 credit) OR Practicum in Business Management (AC) (2 credits) OR DC Course
Other Elective	Other Elective	Other Elective	Other Elective

\* AC denotes career-themed course. DC denotes dual credit college course

#### COURSE COLOR CODES:



1st Year Course(s)



2nd Year Course(s)



3rd Year Course(s)



4th Year Course(s)



## PROGRAM OF STUDY OPTIONS – CLASS OF 2023

## COURSE COLOR CODES:

 1st Year Course(s)

 2nd Year Course(s)

 3rd Year Course(s)

 4th Year Course(s)

## ARTS &amp; 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.)

## GLOBAL BUSINESS ACADEMY (APPLICATION REQUIRED)

**34D-BI-ACCOUNTING:** Principles of Business, Marketing & Finance (1 cr.) | Money Matters (1 cr.) | Accounting I (1 cr.) | Accounting II (1 cr.) OR Practicum in Business Management (2 cr.)

**34D-BI-BUSINESS MANAGEMENT:** Principles of Business, Marketing & Finance (1 cr.) | Money Matters (1 cr.) AND/OR Business Law (1 cr.) | Business Management (1 cr.) | Practicum in Business Management (2 cr.)

**34D-BI-BUSINESS ASSOCIATES DEGREE:** Lee College Courses | Lee College Courses | Lee College Courses | Lee College Courses

## BUSINESS &amp; INDUSTRY ENDORSEMENT OPTIONS

**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.) OR Practicum in AFNR-Agriscience Center (2 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, VIDEO TECH & FILM:** Commercial Photography (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.)

**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.)

**34D-BI-LOGISTICS:** Principles of Business, Marketing & Finance (1 cr.) | Lee College Courses | Lee College Courses | Lee College Courses

## BUSINESS &amp; INDUSTRY ENDORSEMENT OPTIONS (CONT.)

**24D-BI-POWER, STRUCTURAL & WELDING TECHNICAL SYSTEMS:** 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.)

**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:** AC/DC Electronics (1 cr.) | Computer Maintenance I (2 cr.) | Computer Tech 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.)

## 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

**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.) OR DC Anatomy & Physiology (1 cr.)

**81D-PS-LAW ENFORCEMENT & LEGAL SERVICES:** 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 (1 cr.) | ROTC II-Leadership Education 2 (1 cr.) | ROTC III-Leadership Education 3 (1 cr.) | ROTC IV-Leadership Education 4 (1 cr.)

**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 &amp; PHYSICS + 5TH MATH + 5TH SCIENCE REQUIRED)

**86D-STEM-INSTRUMENTATION:** Introduction to Engineering Design (PLTW) (1 cr.) | Engineering Science (PLTW) (1 cr.) | Lee College Course | Lee College Courses

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

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

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

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 Engine I, Introduction to Engineering Design

**OTHER CTE COURSES AVAILABLE FOR 10TH-12TH GRADERS:** Fashion I, Fashion II, 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

## CAREER ACADEMY ON A TRADITIONAL HIGH SCHOOL CAMPUS

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

### 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
Business Information Management for Health Careers	Other Elective	Recommended Elective: DC Introduction to Psych/Psych 2301	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 Innovations (1cr.) AND/OR Practicum in Health Science (CNA, CCMA, or Pharm Tech) (2 credits)
Other Elective	Other Elective	Other Elective	Other Elective

\* AC denotes career-themed course. DC denotes dual credit college course

### COURSE COLOR CODES:



1st Year Course(s)



2nd Year Course(s)



3rd Year Course(s)



4th Year Course(s)



## PROGRAM OF STUDY OPTIONS – CLASS OF 2023

## COURSE COLOR CODES:

 1st Year Course(s)

 2nd Year Course(s)

 3rd Year Course(s)

 4th Year Course(s)

## ARTS &amp; 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 &amp; INDUSTRY ENDORSEMENT OPTIONS

**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.) OR Practicum in AFNR-Agriscience Center (2 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, VIDEO TECH & FILM:** Commercial Photography (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.)

**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.)

## BUSINESS &amp; INDUSTRY ENDORSEMENT OPTIONS (CONT.)

**24D-BI-POWER, STRUCTURAL & WELDING TECHNICAL SYSTEMS:**

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.)

**41D-BI-COMPUTER MAINTENANCE:** AC/DC Electronics (1 cr.) | Computer Maintenance I (2 cr.) | Computer Tech 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.)

## 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

## HEALTH SCIENCE ACADEMY + PUBLIC SERVICES ENDORSEMENT OPTION (APPLICATION REQUIRED)

**77D-PS- BIOMEDICAL SCIENCE:** Principles of Biomedical Science (1 cr.) | Human Body Systems (1 cr.) | Medical Interventions (1 cr.) AND/OR Health Science Theory/ Health Science Clinical (2 cr.) | Anatomy & Physiology (1 cr.) + Biomedical Innovations (1cr.) AND/OR Practicum in Health Science (2 cr.)

## PUBLIC SERVICES ENDORSEMENT OPTIONS

**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.) OR DC Anatomy & Physiology (1 cr.)

**81D-PS-LAW ENFORCEMENT & LEGAL SERVICES:** 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.)

**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 &amp; PHYSICS + 5TH MATH + 5TH SCIENCE REQUIRED)

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

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

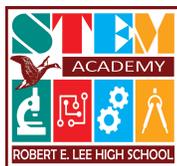
**99D-STEM-COMBINATION:** (5 credits in Math/Science/Engineering)

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 Engine I, Introduction to Engineering Design (PLTW), Principles of Business, Marketing & Finance; **OTHER CTE COURSES AVAILABLE FOR 10TH - 12TH GRADERS:** Entrepreneurship, Fashion I, 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

## CAREER ACADEMY ON A TRADITIONAL HIGH SCHOOL CAMPUS

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

- \_\_\_\_\_ **86D-D-STEM-ENGINEERING**
- \_\_\_\_\_ **86D-D-STEM-INSTRUMENTATION**
- \_\_\_\_\_ **86D-D-STEM-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
Introduction to Engineering AC Design*	Engineering Science AC* AC/DC Electronics	Environmental Sustainability AC* Robotics 1 DC Instrumentation	Engineering Design & Development AC* Robotics 2 DC Instrumentation
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
<b>Other Graduation Requirements: Technology (1 cr.); PE (1 cr.); Health (.5 cr.); Foreign Language (2 cr.); Fine Art (1 cr.)</b>			

\*Denotes Pre-AP weighted credit • AC denotes career-themed course. DC denotes dual credit college course

## COSMETOLOGY PROGRAM AT ROBERT E. LEE HIGH SCHOOL

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.

### 78D-PS-COSMETOLOGY

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

### COURSE COLOR CODES:

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



## PROGRAM OF STUDY OPTIONS – CLASS OF 2023

## COURSE COLOR CODES:

 1st Year Course(s)

 2nd Year Course(s)

 3rd Year Course(s)

 4th Year Course(s)

## ARTS &amp; 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 &amp; INDUSTRY ENDORSEMENT OPTIONS

**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.) OR Practicum in AFNR-Agriscience Center (2 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, VIDEO TECH & FILM:** Commercial Photography (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.)

**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:** 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 &amp; INDUSTRY ENDORSEMENT OPTIONS (CONT.)

**34D-BI-LOGISTICS:** Principles of Business, Marketing & Finance (1 cr.) | Lee College Courses | Lee College Courses | Lee College Courses

**41D-BI-COMPUTER MAINTENANCE:** AC/DC Electronics (1 cr.) | Computer Maintenance I (2 cr.) | Computer Tech 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.)

**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

## 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

**78D-PS-COSMETOLOGY:** Lee College Courses | 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 (1 cr.) OR 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 SERVICES:** 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.)

**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 &amp; PHYSICS + 5TH MATH + 5TH SCIENCE REQUIRED)

**86D-STEM-ENGINEERING:** Introduction to Engineering Design (PLTW) (1 cr.) | Engineering Science (PLTW) (1 cr.) | Environmental Sustainability (PLTW) (1 cr.) | Engineering Design & Problem-Solving + Engineering Design & Development (PLTW) (1 cr.)

**86D-STEM-ROBOTICS:** Intro to Engineering Design (1 cr.) | AC/DC Electronics (1 cr.) | Robotics I (1 cr.) | Robotics II (1 cr.)

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

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

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

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 Engine I, Principles of Business, Marketing & Finance; Other CTE Courses Available for 10th – 12th Graders: Fashion Entrepreneurship and Food Science, Money Matters, Business Law, Business Management

## 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 Systems	—	✗	✗	✗	—
Audio, Video Tech & Film	—	SCC	SCC	SCC	—
Automotive Technician	—	—	—	—	AC (DC)
Business Associates Degree	—	AC (DC)	—	—	—
Business Management	—	AC	—	—	—
Collision Repair	—	—	—	—	AC
Computer Maintenance	—	SCC	SCC	SCC	—
Computer Programming & Software Development	—	✗	✗	✗	—
Construction	—	✗	✗	✗	—
Culinary Arts	—	—	—	—	AC (DC)
Graphic Design & Illustration (Yearbook)	—	✗	✗	✗	—
Horticultural Science & Production	—	—	—	—	AC
Logistics	—	LC	LC	—	—
Pipefitting	—	—	—	—	AC (DC)
Power, Structure, & Welding Technology (Ag Science)	—	✗	✗	✗	—
Process Technology	—	LC	LC	—	—
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
Biomedical Science	—	—	—	AC	—
Cosmetology	—	—	DC	—	—
Education & Training	—	✗	✗	✗	—
Health Science	—	✗	✗	✗	—
Law	—	✗	✗	✗	—
MC JROTC	—	✗	✗	✗	—

### SCIENCE, TECHNOLOGY, ENGINEERING & MATH (STEM)

PROGRAM OF STUDY	IMPACT	GCM	REL	RSS	SCTHS
Combination	—	✗	✗	✗	—
Engineering	—	—	AC	—	—
Instrumentation	—	LC	AC (DC)	—	—
Math	✗	✗	✗	✗	—
Robotics	—	—	AC	—	—
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.