

MEMORANDUM OF UNDERSTANDING
Lee College Dual Enrollment Program

Lee College (herein called the "College") and Goose Creek Consolidated INDEPENDENT SCHOOL DISTRICT (herein called the "School District") enter into the following Memorandum of Understanding (MOU), which supersedes all previous agreements, versions and addenda. This agreement describes the roles and responsibilities for governance of dual credit partnership and is in alignment with HB 1638: Statewide Dual Credit Goals.

TERM

This MOU shall be in effect for two years from August 1, 2019 to July 31, 2021.

Robin

OVERVIEW

The college is committed to serving the students and communities of the Gulf Coast Region through collaborative work with school districts in the College's service area. A major initiative promoting a college-going and college graduation culture is the Lee College Dual Enrollment Program, which complies with the rules set forth by the State of Texas [TAC title 19, Chapter 4, Subchapter D, Rule § 4.84 Section (a)] for dual credit partnerships between secondary schools and Texas public colleges to offer dual credit to qualified students.

MOU PURPOSE

The purpose of the MOU is to outline the roles and responsibilities of the College and the School Districts that participate in Dual Credit.

DUAL ENROLLMENT PROGRAM DEFINITIONS:

Dual Credit, endorsed by the State of Texas, is a system whereby an eligible high school student enrolls in college course(s) and receives credit for the course(s) from both the college and the high school. Since college courses are being used to award dual credit, the content and rigor are parallel to what is taught to other college students and uses the same curriculum and policies. These college courses, academic or career/technical, apply toward high school graduation and a college degree or certificate.

Concurrent Enrollment, as defined by Lee College, is a system whereby a student enrolls in more than one educational institution (including a high school and public institution of higher education). Concurrent enrollment students earn course credit from each distinct educational institution and is not dual credit. Concurrent enrollment students are subject to the full cost of tuition.

COLLABORATION:

It is mutually recognized that the College and the School District have certain objectives in common, namely: (a) educating and training students in preparation for further education and future employment, (b) providing residents of the District with the highest quality educational opportunities, and (c) ensuring accessibility to education in the most economical means possible.

The College and School District agree as follows:

- **The College and School District officials will work collectively to provide the necessary information to ensure that an effective college course schedule is created and maintained for dual credit.**
- **The College and School District officials agree to meet no later than February 1 to construct the schedule for the next academic year. Adjustments to the schedule will be made as needed. The College reserves the right to cancel courses due to low enrollment. Course cancellation decisions will be made prior to the first day of class.**
- **Maximum course enrollment is strongly encouraged to promote the best possible learning environment.**
 - **The course minimum for college courses taught, during the school day, by dual credit instructors (see page 3 for definition) is 10 students per section.**
 - **Course minimum for face-to-face or hybrid college courses taught by Lee College instructors at the high school is 20 students for a lecture course and 15 students for a lecture/lab course.**
- **The College point person is the Dual Enrollment Advisor and/or Director. The School District will appoint liaison(s) with the authority to approve courses and certify student eligibility.**

DUAL CREDIT REQUEST FORM:

Each semester or year, a Dual Credit Request Form must be used to document all students' requests for enrollment in college courses and follow the review and approval process established by the College and School District. The form must contain signatures of the student, parent/guardian, and designated School District officials. All completed request forms must be turned into the Dual Enrollment Advisor and/or Director prior to the first day of class.

ELIGIBLE COURSES:

Lee College courses that are in the academic core, a field of study, or technical and that simultaneously allow students to earn credit toward a postsecondary degree or certificate and high school graduation are eligible for dual credit. College courses can be taken to meet elective or core course requirements at the high school. Classes offered in the high school setting must conform to the College's academic standards.

- **The college courses will comply with the rules and regulations of the Texas Higher Education Coordinating Board (THECB) and the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC).**
- **All college courses will adhere to the description and content of the course as defined in the current edition of either the Academic Course Guide Manual (ACGM) or the Workforce Education Course Manual (WECM).**
- **Courses will provide advanced academic instruction and content that provides the student the opportunity to master the Texas Essential Knowledge and Skills (TEKS) for the appropriate high school course.**
- **Developmental education courses are not approved for dual credit.**
- **The College and School District will make available an approved list of dual credit offerings for inclusion into the appendix.**

LOCATION OF CLASS AND TEACHING ENVIRONMENT:

- Courses will be taught on a college campus/site, at the high school, or online/hybrid.
- High School Campus courses:
 - The College will work with the School District to ensure that the School District's facilities meet the expectations and criteria required for college classes and are appropriate for college-level instruction that includes the following:
 - School District will ensure College faculty and dual credit students have appropriate access to all available instructional resources and essential technology,
 - School District shall permit access to the College's electronic learning resources when the course is taught at the School District, and
 - School Districts offering science courses shall meet the laboratory safety standards and have material/equipment that comply with the Colleges current science program requirements.
 - The College will clearly define the contact hours, curriculum and grading for college courses taught on a high school campus.
- Online courses:
 - The College will comply with the THECB's adopted Principles of Good Practice for courses offered electronically.
 - The School District will provide a proctored testing environment for its students.
 - The School District can provide a proctor for online courses at the School Districts expense.
- Teaching Environment:
 - The School District will ensure that the classroom environment is conducive to college-level learning by:
 - designating a classroom for the college classes,
 - displaying the signs provided by the College outside of the classroom that indicate "College Course is in Session", and
 - assuring no interruptions take place in the college course while in session, such as removing students for high school activities or making announcements except for official business or emergencies.

SCHEDULING:

- When there are differences in calendar schedules and College classes are being offered off the high school campus at a time when the School District is not in session, the student is responsible for attending the college course.
- When there are differences in calendar schedules and the College is not in session, the School District is responsible for providing personnel to supervise dual credit students.
- College or School District closures due to situations such as inclement weather or environmental issues will be honored without penalty to the students
- Students are responsible to abide by both College and School District calendars when participating in dual credit and concurrent enrollment.

FACULTY SELECTION, SUPERVISION, EVALUATION AND DEVELOPMENT:

The College has established an approval process for selecting and/or approving qualified School District faculty (those approved will herein be called "Dual Credit Instructor") to teach college course(s) for dual credit. Each approved Dual Credit Instructor will be supervised by the College's respective division chair or designee and be evaluated and monitored to ensure

quality of instruction and compliance with the College's policies and procedures, in accordance with the standards established by the State of Texas and the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC).

- The College will collaborate with the School District to ensure that the School District instructors applying to become Dual Credit Instructors meet the Colleges credentialing requirements, including individual department requirements.
- The College recommends that when the School District is hiring a teacher with the intention of becoming a dual credit instructor, the School District allow for a representative from the College content area to be on the hiring committee.
- School District faculty approved as Dual Credit Instructors will be cleared by the College's Office of Human Resources to teach college courses.
- Dual Credit Instructors will submit all required reporting documents such as roster verifications, student learning outcome results, core course assessment artifacts, syllabi/section outlines, and submission of grades (pass/fail and numeric) by the deadline set by the College.
- College and Dual Credit Instructors teaching college courses for dual credit will verify the first week class roster to validate all dual credit students are enrolled in the college course and refer students not on the roster to the appropriate School District liaison. Any student not listed on the Official 12th Day Verification (Census) Roster will not be enrolled in the college course.
- Dual Credit Instructors and College faculty teaching on the high school campus will notify the liaison on the high school campus when he/she will be absent due to an emergency or anticipates an absence. The liaison will then notify the College Dual Enrollment Office.
- Dual Credit Instructors teaching hybrid or online courses must comply with Lee College training/certifications for teaching hybrid/ online classes requirements.
- The School District will allow release time from School District duties for all Dual Credit Instructors to attend required College professional development days organized by the College before each College full semester begins and departmental meetings.
- The School District shall ensure that the building principals/ designee comply with all standards.

CLASS CONFIGURATION:

- College courses taught by College faculty on a high school campus during the school day will consist of dual credit students only.
- Non-dual credit high school students are not permitted to enroll into a dual credit course on a high school campus.
- College courses taught by College faculty can consist of a combination of dual credit and college credit students, except when the course is taught in the daytime at the high school campus.

Course Curriculum, Instruction, and Grading:

- The College will make every effort to adopt textbooks for a minimum of three years.
- The College will provide a list of textbooks in advance of the start of the semester for college courses taught by Lee College instructors at the high school campus to ensure purchase prior to the school year/term.

- The School District will ensure that all students have textbooks on the first day of class.
- Attendance information and periodic grade requests will be entered by dual credit instructors per progress period (three weeks).
- College policy restricts absences to three class meetings. Excused absences will be determined by the instructor.
- The School District or high school campus will supply a calendar of scheduled events at the beginning of the semester that could interrupt class instruction and will notify the course instructor two days in advance of any additional activities. All dual credit students are expected to notify their instructors of absences at the class meeting prior to the expected absence. Students are responsible for making up work when absent.
- To accommodate exchange of information among the College, School District, and instructors, all instructors teaching college courses will receive e-mail accounts from both the School District and the College.
- The School District will provide access to college faculty and dual credit instructors to input numeric grades into their respective student records/grading system.
- Submission of progress report grades may be in Pass/Fail (P/F) format, but semester and final grades will be numeric.
- Spring semester course averages for seniors will be submitted in numerical format by Lee College to the high school senior counselor or designee at the end of the 5th six-week period for the high school Academic Class Ranking process. A list requesting this grade for the seniors will be sent out by the Dual Enrollment office prior to the needed date.
- Student course evaluations will be conducted at the end of each semester.
- The School District is responsible for administering high school state mandated testing.
- Lee College is committed to providing all with a learning and work environment that is free from sexual harassment and assault. Appropriate resources, both on and off campus are available at <http://www.lee.edu/know-more/available-resources>. The link for the U.S. Department of Education Title IX – Sex Discrimination is https://www2.ed.gov/about/offices/list/ocr/docs/tix_dis.html
- Lee College is an open enrollment institution and offers a variety of vocational and academic programs. Lee College does not discriminate on the basis of gender, disability, race, color, age, religion, national origin or veteran status in its educational programs, activities, or employment practices as required by Title VII, Title IX, Section 504, ADA, or 34 C.F.R.

LIABILITIES OF PARTIES:

Dual credit status shall neither enhance nor diminish on-campus liabilities for the College or School District. Management of risk and liabilities shall be in accordance with the College and School District policies and codes of conduct.

ACADEMIC POLICIES, STUDENT CONDUCT, AND STUDENT SUPPORT SERVICES:

Regular academic policies and procedures applicable to regular college courses and students will also apply to dual credit students.

- Course performance will be part of students' permanent academic records at Lee College and the School District.

- Students are subject to the rules of conduct, plagiarism, and disciplinary standards published in the College catalog and are subject to the penalties defined by such standards.
- Any discipline issues including academic dishonesty during college course instruction must be reported immediately to the high school and College Dual Enrollment Office.
- The high school will send a copy of all student discipline referrals and documented student behavior issues, related to or occurring during any college-instructed course, to the Lee College Dual Enrollment Office within a week after the event.
- Students who receive a final grade below a "C" will not be allowed to progress to other college courses without repeating the previous course successfully, unless approved through the dual enrollment appeal process.
- The School District will provide placement for students who are withdrawn from the course for any reason.
- Prior to registration the School District will encourage and assist students who need accommodations to self-identify each semester with the Lee College Disabilities Services located in the Access Center on the Lee College campus each semester.
- The College requires School District partners to follow all College accreditation related procedures and functions, including, but not limited to, student learning outcome assessment, Core (general education) assessment, strategic plan reporting, and syllabi posting in PeopleSoft and Blackboard.
- Lee College requires the School District partners to meet contact hour requirements for all course sections. Course sections that do not meet contact hour requirements must use Blackboard to meet minimum contact hour requirements. Courses and/or sections that do not consistently meet contact hour requirements may be suspended or canceled until such a time contact hour requirements can be satisfied.
- Support Services such as labs and tutoring on the Lee College campus are available for utilization by all high school students enrolled at Lee College. Students should obtain a Lee College student id.

STUDENT ELIGIBILITY:

- The College requires School District partners to follow all College enrollment procedures and guidelines for dual credit students.
- All high school students are eligible for dual enrollment by meeting the college readiness standards under the provisions of the Texas Success Initiative (TSI) and prerequisites for the course as defined by the College.
- There is no limit on the number of courses a high school student can enroll in during a semester; however, careful evaluation of obligations should be taken into account.
- Specific exceptions to eligibility are defined in THECB 4.85 (b).
- Dual credit students shall be limited to eligible courses identified in the appendix
- Dual credit students must comply with Financial Aid Satisfactory Academic Progress (SAP) requirements regardless if they are receiving aid or not.

TRANSPORTATION:

- Transportation for classes to College sites will follow School District policy, which will determine whether the School District will provide transportation and/or allow students to drive their own vehicles.
- Students driving their own vehicles to the College campus must obtain parking permits.

- o The College is responsible for transportation related to classroom field trips and may work with the School District to provide the best means.
- o The College will make the School Districts aware of any college-sponsored field trips.

TRANSCRIPTION OF CREDIT:

- o The College as well as the high school should transcript a student's grades immediately upon completion of the performance required in the course. [THECB 4.85(h)]. Letter grades will be posted on the College transcript.
- o Final numerical grades will be sent to the high school representative in an encrypted spreadsheet after all grades have been collected.
- o The School District transcription of grades for courses may differ from the College's based on Texas Education Association policies, specifically those relating to courses required to have the End of Course STAAR exams.

ENROLLMENT AND TESTING:

The College will provide information sessions to all interested high school students and parents prior to registration. These sessions will include content about academic policies, access to student information, support services, cost, and student opportunities and commitments.

- o Dual credit students attending for the first time will:
 - o apply to the College.
 - o take any required placement tests and pay applicable fees, if required.
 - o complete the dual credit request form.
 - o complete other applicable assessments or forms.
- o Each semester the College will provide two placement testing sessions for each high school in the School District. Students requiring testing services above and beyond these sessions will be required to test at the Lee College Testing Center and pay any fees associated with testing.
- o High schools can assign testing proctor(s) to be trained to administer the test on the high school campus.
- o Cooperatively the College and the School District will ensure students are registered and enrolled in classes.
- o The College will provide an orientation for first-time dual credit students.

PAYMENT FOR SERVICES:

Payment is expected prior to the first day of class. Tuition for dual credit students is \$125 per course, per semester.

_____ School District transfers the responsibility of tuition, fees and books to its students; students are expected to pay the college directly.

 _____ School District will be responsible for their student's tuition, fees, and books.

_____ School District will be responsible for their student's tuition and fees but transfers the responsibility of books to its students.

Dual Credit Instruction Cost:

Dual Credit Instruction Cost:

The College will pay the School District directly at the end of each semester in a lump sum for Dual Credit Instructor course sections taught on the high school campus during the school day. The payment to the school district will be based on the course enrollment as of the College census date as specified in the table. Any arrangements for payment to the Dual Credit instructors for teaching Dual Credit courses will be made by the School District.

	10-15 Students	16-19 Students	20+ Students
Lecture Course	\$700	\$1000	\$1400
Lecture/Lab Course	\$900	\$1200	\$1600

ADDITIONAL COSTS:

Low enrollment classes: A minimum of 10 students per section is expected for all course sections taught by Dual Credit Instructors. A minimum of 20 students for lecture courses and 15 students for lecture/lab courses is required for all course sections taught by College faculty during the school day on the high school campus.

If the School District is unable to meet the minimum enrollment, the School District can choose to pay for the unoccupied seat(s) at the amount of \$125 per seat, per semester

Late Add Provision: Late additions to an open course after the start of the semester will only be available prior to the second class meeting.

Hours beyond contact hours: If the School District requests that the class taught by a College faculty meet for more than the number of contact hours approved by the THECB, the School District will reimburse the College for the costs of that additional instruction or supervision at the current College rate. As a rule, no college class will meet more than the contact hours unless a dual credit instructor is teaching.

Unpaid student accounts: If the School District allows students who have not paid tuition and fees to remain enrolled in a course, the School District assumes responsibility for monies associated with the students' tuition and fees.

FUNDING:

Both the College and the School District will report students for state funding purposes.

DATA SHARING:

To encourage student persistence, assess the Dual Enrollment Program, and to measure student-learning outcomes, the College and School District will exchange student information, grades, and any other data, as permitted by law.

RECOGNITION OF HIGHER EDUCATION PARTNER

When reporting and publicizing dual credit student completion of college courses, degrees or certificates, the School District will recognize Lee College as their Higher Education partner. In addition, the School District will include the Lee College approved logo and/or name in all communications in which any College course or program is included.

TERM, RENEWAL, AND TERMINATION:

The terms of this agreement shall commence on _____, and supersede previous agreements. This agreement may be amended by mutual written consent. Either party reserves the right to terminate the agreement with a 90-day written notice to the College's President or the School District's Superintendent at the end of the current term.

AUTHORIZATION OF AGREEMENT:

Each party represents and warrants to the other the execution of this agreement has been duly authorized and this agreement constitutes a valid and enforceable obligation of such party according to its terms.

In Witness thereof, this agreement, in duplicate of originals of equal force has been executed on behalf of the parties hereto as follows:

*Goose Creek Consolidated
Independent School District*

Agustin Laredo
Print Name (School District Official)

Agustin Laredo
Print Title

[Signature]
Signature

10-7-19
Date

Lee College

Dr. Dennis Brown
Print Name (College Official)

President
Print Title

[Signature]
Signature

10.30.19
Date

APPROVED CTE DUAL CREDIT COURSES-2019-20

College Course	Course Number	College Semester Credit Hrs	High School Course	High School Credit	PEIMS Service ID#
Automotive Technology					
Introduction to Automotive Technology	AUMT 1405	4	Automotive Technology IA	0.5	13039600
Automotive Basic System	AUMT 1312	3	Automotive Technology IB	0.5	13039600
Automotive Suspension and Steering Systems	AUMT 1416	4	Automotive Technology IC	0.5	13039600
Automotive Brake Systems	AUMT 1410	4	Automotive Technology ID	0.5	13039600
Climate Control	AUMT 1345	3	Automotive Technology IIA	0.5	13039700
Electrical Systems	AUMT 1407	4	Automotive Technology IIB	0.5	13039700
Engine Repair	AUMT 1419	4	Automotive Technology IIC	0.5	13039700
Auto Electronics	AUMT 2437	4	Automotive Technology IID	0.5	13039700
Computer Technology-Network Maintenance Technology Certificate of Completion					
Introduction to Networks (96 contact hours)	ITCC 1414	4	Networking/Networking Lab	0.5	13027410
Routing and Switching Essentials (96 contact hours)	ITCC 1440	4	Networking/Networking Lab	0.5	13027410
Scaling Networks (96 contact hours)	ITCC 2412	4	Networking/Networking Lab	0.5	13027410
Connecting Networks (96 contact hours)	ITCC 2413	4	Networking/Networking Lab	0.5	13027410
Cosmetology – Dual Credit High School Certificate of Completion					
Artistry of Hair Design I (128 contact hours)	CSME 1254	2	Introduction to Cosmetology	1.0	13025100
Fundamentals of Cosmetology (128 contact hours)	CSME 1505	5	Principles of Cosmetology Design and Color Theory	1.0	13025050
Introduction to Haircutting and Related Theory (128 contact hours)	CSME 1410	4	Cosmetology I	1.0	13025200
Chemical Reformation and Related Theory (128 contact hours)	CSME 1453	4	Cosmetology I	1.0	13025200
Artistry of Hair Design II (128 contact hours)	CSME 1255	2	Cosmetology II	1.0	13025300
Advanced Haircutting and Related Theory (128 contact hours)	CSME 2401	4	Cosmetology II	1.0	13025300
The Principles of Hair Coloring and Related Theory (128 contact hours)	CSME 2410	4	Practicum in Human Services	1.0	13025000
Preparation for the State Licensing Examination (160 contact hours)	CSME 2441	4	Practicum in Human Services	1.0	13025000
Culinary Arts					
Basic Food Preparation	CHEF 1301	3	Culinary Arts IA	0.5	13022600
Sanitation and Safety	CHEF 1305	3	Culinary Arts IB	0.5	13022600
Fundamentals of Baking	PSTR 1301	4	Culinary Arts IC	0.5	13022600
Intermediate Food Prep	CHEF 2301	3	Culinary Arts ID	0.5	13022600
Quantity Procedure	IFWA 2346	3	Advanced Culinary Arts A	0.5	13022650
Advanced Food Preparation	CHEF 2331	3	Advanced Culinary Arts B	0.5	13022650
Saucier	CHEF 2402	4	Advanced Culinary Arts C	0.5	13022650
Food Prep 1 (Grade Manager)	IFWA 1501	5	Advanced Culinary Arts D	0.5	13022650
Instrumentation Certificate of Completion					
Instrumentation & Safety (48 contact hours)	INTC 1312	3	AC/DC Electronics	0.5	13036800
Instrumentation Test Equipment (48 contact hours)	INTC 1307	3	AC/DC Electronics	0.5	13036800
Introduction to Direct Current Circuits (64 contact hours)	IEIR 1302	3	Solid State Electronics	0.5	13036900
Application of Industrial Automatic Control (48 contact hours)	INTC 1343	3	Solid State Electronics	0.5	13036900
Applied Petrochemical Technology (96 contact hours)	CTEC 1401	4	Principles of Technology	0.5	13037100
Technical Algebra (4 th Math credit) (48 contact hours)	TECM 1341	3	Independent Studies in Math 3	0.5	03102502

Programmable Logic Controllers (64 contact hours)	RBTC 1301	3	Digital Electronics	0.5	13037600
Technical Math Applications (4 th Math credit) (48 contact hours)	TECM 1349	3	Independent Studies in Math 3	0.5	03102502
Instrumentation Calibration (96 contact hours)	INTC 1456	4	Practicum in STEM (First Time Taken)	0.5	13037400
Principles of Automatic Control (96 contact hours)	INTC 1441	4	Practicum in STEM (First Time Taken)	0.5	13037400
Distributed Control Systems (96 contact hours)	INTC 2459	4	Practicum in STEM (First Time Taken)	0.5	13037400
Fieldbus Process Control Systems (96 contact hours)	INTC 2450	4	Practicum in STEM (First Time Taken)	0.5	13037400
Fundamentals of Wireless LANs (96 contact hours)	ITNW 1351	3	Networking	0.5	13027400
Logistics-Certificate of Completion LOG1					
Introduction to Business Logistics (48 contact hours)	LMGT 1319	3	Principles of Transportation Systems	0.5	13039250
Supervision (48 contact hours)	BMGT 1301	3	Human Resource Management	0.5	13011900
Domestic & International Transportation Management (48 contact hours)	LMGT 1323	3	Management of Transportation Systems	0.5	13040200
Introduction to Materials Handling (48 contact hours)	LMGT 1321	3	Management of Transportation Systems	0.5	13040200
Warehousing & Distribution Center Management (48 contact hours)	LMGT 1325	3	Distribution & Logistics	0.5	13040300
Logistical Operations Management –Certificate of Completion					
International Logistics Management (48 contact hours)	LMGT 2330	3	Practicum in Distribution & Logistics (First Time Taken)	0.5	13040470
Principles of Traffic Management (48 contact hours)	LMGT 2334	3	Practicum in Distribution & Logistics (First Time Taken)	0.5	13040470
Freight Loss and Damage Claims (48 contact hours)	LMGT 1341	3	Practicum in Distribution & Logistics (First Time Taken)	0.5	13040470
Contemporary Logistics Issues (48 contact hours)	LMGT 1340	3	Practicum in Distribution & Logistics (First Time Taken)	0.5	13040470
Logistics and Supply Chain Technology - LOG2, AAS					
Radio Frequency Identification (RFID)-History & Industrial Applications (48 contact hours)	LMGT 1301	3	Practicum in Distribution & Logistics (Second Time Taken)	0.5	13040475
Special Topics in Logistics and Materials Management (48 contact hours)	LMGT 1393	3	Practicum in Distribution & Logistics (Second Time Taken)	0.5	13040475
Economics of Transportation and Distribution (48 contact hours)	LMGT 1345	3	Practicum in Distribution & Logistics (Second Time Taken)	0.5	13040475
Internship: Logistics and Materials Management	LMGT 2388	3	Practicum in Distribution & Logistics (Second Time Taken)	0.5	13040475
ADDITIONAL APPROVED COURSES IN THE LOGISTICS DEGREE					
Business and Professional Communications (48 contact hours)	SPCH 1321	3	Professional Communications	0.5	13009900
Pipefitting Technology					
Plumbing and Pipefitting Equipment and Safety	PFPB 1350	3	Pipefitting IA	0.5	N1300425
Basic Pipefitting Skills	PFPB 1408	4	Pipefitting I Lab A	0.5	N1300427
Basic Blueprint Reading for Pipefitters	PFPB 1305	3	Pipefitting IB	0.5	N1300425
Pipe Fabrication and Installation I	PFPB 2407	4	Pipefitting I Lab B	0.5	N1300427
Intermediate Blueprint Reading	PFPB 2310	2	Pipefitting IIA	.5	N1300426
Piping Standards and Materials	PFPB 2408	4	Pipefitting II Lab A	.5	N1300428
Pipe Fabrication & Install II	PFPB 2441	4	Pipefitting IIB	.5	N1300426
Advanced Pipe Practices	PFPB 2343	3	Pipefitting II Lab B	.5	N1300428

Process Technology					
Introduction to Process Technology (48 contact hours)	PTAC 1302	3	Introduction to Process Technology	0.5	N1300262
Process Technology I – Equipment (64 contact hours)	PTAC 1410	4	Manufacturing Engineering Technology I	0.5	13032900
Process Instrumentation I (48 contact hours)	PTAC 1332	3	Manufacturing Engineering Technology I	0.5	13032900
Applied General Chemistry (96 contact hours)	SCIT 1414	4	Scientific Research and Design I	0.5	13037200
Safety, Health & Environment I (48 contact hours)	PTAC 1308	3	Manufacturing Engineering Technology II	0.5	13032950
Process Technology II – Systems (64 contact hours)	PTAC 2420	4	Manufacturing Engineering Technology II	0.5	13032950
Applied Physics (96 contact hours)	SCIT 1418	4	Scientific Research and Design I	0.5	13037210
Principles of Quality (96 contact hours)	PTAC 2314	3	Practicum in Manufacturing (First Time Taken)	0.5	13033005
Process Technology III – Operations (96 contact hours)	PTAC 2438	4	Practicum in Manufacturing (First Time Taken)	0.5	13033005
Process Troubleshooting (96 contact hours)	PTAC 2346	4	Practicum in Manufacturing (First Time Taken)	0.5	13033005
Unit Operations (96 contact hours)	CTEC 2445	4	Practicum in Manufacturing (First Time Taken)	0.5	13033005
Welding Technology					
Welding Safety, Tools, and Equipment	WLDG 1323	3	Welding IA	0.5	13032300
Introduction to Shielded Metal Arc Welding (SMAW)	WLDG 1428	4	Welding IB	0.5	13032300
Introduction to Blueprint Reading for Welders	WLDG 1313	3	Welding IC	0.5	13032300
Advanced Shielded Metal Arc Welding (SMAW)	WLDG 2443	4	Welding ID	0.5	13032300
Introduction to Welding Metallurgy	WLDG 1337	3	Welding IIA	0.5	13032400
Welding Codes	WLDG 1327	3	Welding IIB	0.5	13032400
Introduction to Pipe Welding	WLDG 1435	4	Welding IIC	0.5	13032400
Intro to Flux Core (FCAW)	WLDG 1312	3	Welding IID	0.5	13032400
TECHNOLOGY GRADUATION REQUIREMENT					
Business Computer Applications (96 contact hours)	BCIS 1305	4	Business Information Management	0.5	13011400

*All Approved Technical Dual Credit courses have GCCISD and Lee College prerequisites. Please see the GCCISD Course Description Guide and the Lee College Catalog for more details.

*All Advanced Technical Dual Credit course credits are based on College Semester Hours/Contact Hours (48-96 contact hour courses equal 0.5 credit).

NOTE: Beginning with students entering grade 9 during the 2016-17 school year (Cohort 2020), dual credit courses taken outside of regular high school hours (summer, evenings, etc.) will not count towards academic class rank.

GCCISD APPROVED ACADEMIC DUAL CREDIT COURSES

College Course	Course Number	College Semester Credit Hrs	High School Course	High School Credit	PEIMS Service ID#
College Algebra	MATH 1314	3	Math Independent Studies II A	.5	03102501
Finite Math	MATH 1324	3	Math Independent Studies II B	.5	03102501
Pre-Calculus	MATH 2412	4	Math Independent Studies II B	.5	03102501
English Composition I	ENGL 1301	3	English III/IV (A)	.5	03220300/03220400
English Composition II	ENGL 1302	3	English III/IV (B)	.5	03220300/03220400
English Literature Part I	ENGL 2322	3	English IV (A)	.5	03220400
English Literature Part II	ENGL 2323	3	English IV (B)	.5	03220400
*Human Anatomy & Physiology I	BIOL 2401	4	Anatomy & Physiology	.5	13020600
*Human Anatomy & Physiology II	BIOL 2402	4	Anatomy & Physiology	.5	13020600
*Environmental Science I	ENVR 1401	4	Scientific Research & Design I	.5	13037200
*Environmental Science II	ENVR 1402	4	Scientific Research & Design I	.5	13037200
****General Biology I	BIOL 1406	4	Scientific Research & Design I	.5	13037200
****General Biology II	BIOL 1407	4	Scientific Research & Design I	.5	13037200
*Applied General Chemistry	SCIT 1414	4	Scientific Research & Design I	.5	13037200
*Applied Physics	SCIT 1418	3	Scientific Research & Design I	.5	13037200
*General Chemistry I	CHEM 1411	4	Scientific Research & Design II	.5	13037210
*General Chemistry II	CHEM 1412	4	Scientific Research & Design II	.5	13037210
*College Physics I: Mechanics & Heat	PHYS 1401	4	Scientific Research & Design III	.5	13037220
*College Physics II: Sound, Elect., & Optics	PHYS 1402	4	Scientific Research & Design III	.5	13037220
Intro. to Psychology	PSYC 2301	3	Psychology	.5	03350100
Intro. to Sociology	SOCI 1301	3	Sociology	.5	03370100
Federal Government	GOVT 2305	3	Government	.5	03330100
Texas Government	GOVT 2306	3	Special Topics in Social Studies	.5	03380022
History of US to 1877	HIST 1301	3	US History (A)	.5	03340100
History of US Since 1877	HIST 1302	3	US History (B)	.5	03340100
Intro to Mexican-Americans Studies	HUMA 1305	3	Special Topics SS: Mexican Am. Stud	.5	03380021
Learning Pathways	EDUC 1200	2	College Readiness & Study Skills	.5	03270100
Principles of Public Speaking	SPCH 1315	3	Principles of Public Speaking	.5	03240900
Business & Prof. Communication	SPCH 1321	3	Professional Communications	.5	13009900
Personal Health	KINE 1304	3	Health	.5	03810100
**Art Appreciation	ARTS 1301	3	Art 3A	.5	03500300
**Art History I	ARTS 1303	3	Art 3B	.5	03500300
Introduction to Theatre	DRAM 1310	3	Theatre Arts 3A	.5	03250300
Music Appreciation	MUSI 1306	3	Music Appreciation IA	.5	03155700

*Unless the campus science lab has been approved, this course must be taken on the Lee College campus outside of regular high school hours.

Gray Shaded Area = Student may take either ENVR 1401/1402 OR BIOL 1406/1407 OR SCIT 1414/1418. A student may not take both Environmental Science 1401/1402 AND General Biology 1406/1407.

**High school credit for dual credit ARTS 1301/1303 taken outside of school hours is contingent upon submission of the GCCISD fine arts project that is assigned to you by the GCCISD Fine Arts Director as well as attaining a grade of 70 or better on the project.

*** DRAM 1310 was piloted at GCM during 2017-19 and set to expand to RSS and REL in 2019-20.

****Course offered at high school campus pending lab approval

Yellow highlighted courses may be taken in hybrid online format if number of students do not meet the minimum number required for a class to make.

Blue highlighted courses—A student may take one or the other but not both courses.

RED needs to be verified. I'm in the process of verifying the number of credits on the high school side. The number of credits will also impact the title of the high school course. I would anticipate it being 1A in the fall and 2B in the spring or 11A/1VA and 11B/1VB in the spring, but I'm waiting on verification. Thanks

NOTE: Beginning with students entering grade 9 during the 2016-17 school year (Cohort 2020), dual credit courses taken outside of regular high school hours (summer, evenings, etc.) will not count towards academic class rank.

DRAFT

GCCISD APPROVED ACADEMIC DUAL CREDIT COURSES

College Course	Course Number	College Semester Credit Hrs	High School Course	High School Credit	PEIMS Service ID#
College Algebra	MATH 1314	3	Math Independent Studies I B	.5	03102500
Finite Math	MATH 1324	3	Math Independent Studies II B	.5	03102501
Pre-Calculus	MATH 2412	4	Math Independent Studies II B	.5	03102501
English Composition I	ENGL 1301	3	English III/IV (A)	.5	03220300/03220400
English Composition II	ENGL 1302	3	English III/IV (B)	.5	03220300/03220400
English Literature Part I	ENGL 2322	3	English IV (A)	.5	03220400
English Literature Part II	ENGL 2323	3	English IV (B)	.5	03220400
*Human Anatomy & Physiology I	BIOL 2401	4	Anatomy & Physiology	.5	13020600
*Human Anatomy & Physiology II	BIOL 2402	4	Anatomy & Physiology	.5	13020600
*Environmental Science I	ENVR 1401	4	Scientific Research & Design I	.5	13037200
*Environmental Science II	ENVR 1402	4	Scientific Research & Design I	.5	13037200
***General Biology I	BIOL 1406	4	Scientific Research & Design I	.5	13037200
***General Biology II	BIOL 1407	4	Scientific Research & Design I	.5	13037200
*General Chemistry I	CHEM 1411	4	Scientific Research & Design II	.5	13037210
*General Chemistry II	CHEM 1412	4	Scientific Research & Design II	.5	13037210
*College Physics I: Mechanics & Heat	PHYS 1401	4	Scientific Research & Design III	.5	13037220
*College Physics II: Sound, Elect., & Optics	PHYS 1402	4	Scientific Research & Design III	.5	13037220
Intro. to Psychology	PSYC 2301	3	Psychology	.5	03350100
Intro. to Sociology	SOCI 1301	3	Sociology	.5	03370100
Federal Government	GOVT 2305	3	Government	.5	03330100
Texas Government	GOVT 2306	3	Special Topics in Social Studies	.5	03380022
History of US to 1877	HIST 1301	3	US History (A)	.5	03340100
History of US Since 1877	HIST 1302	3	US History (B)	.5	03340100
Intro to Mexican-Americans Studies	HUMA 1305	3	Special Topics SS: Mexican Am. Stud	.5	03380021
Learning Pathways	EDUC 1200	2	College Readiness & Study Skills	.5	03270100
Principles of Public Speaking	SPCH 1315	3	Principles of Public Speaking	.5	03240900
Business & Prof. Communication	SPCH 1321	3	Professional Communications	.5	13009900
Personal Health	KINE 1304	3	Health	.5	03810100
**Art Appreciation	ARTS 1301	3	Art 3A	.5	03500300
**Art History I	ARTS 1303	3	Art 3B	.5	03500300
Introduction to Theatre	DRAM 1310	3	Theatre Arts 3A	.5	03250300
Music Appreciation	MUSI 1306	3	Music Appreciation IA	.5	03155700
American Music	MUSI 1310	3	Music Appreciation IB	.5	03155700
Humanities I	HUMA 1301	3	Humanities	.5	03221600

*Unless the campus science lab has been approved, this course must be taken on the Lee College campus outside of regular high school hours.

Gray Shaded Area = Student may take either ENVR 1401/1402 OR BIOL 1406/1407. A student may not take both Environmental Science 1401/1402 AND General Biology 1406/1407.

**High school credit for dual credit ARTS 1301/1303 taken outside of school hours is contingent upon submission of the GCCISD fine arts project that is assigned to you by the GCCISD Fine Arts Director as well as attaining a grade of 70+ on project.

*** DRAM 1310 was piloted at GCM during 2017-19 and set to expand to RSS and REL in 2019-20.

****Course offered at high school campus pending lab approval

Yellow highlighted courses may be taken in hybrid online format if number of students does not meet the minimum number required for a class to make.

Blue highlighted courses—A student may take one or the other but not both courses. Green highlighted courses---Added April 2019.

Orange Highlight ---Crosswalk process completed 7.16.19. Piloted at IMPACT for 2019-20. Based on the pilot, set to expand to all other campuses in 2020-21.

NOTE: Beginning with students entering grade 9 during the 2016-17 school year (Cohort 2020), dual credit courses taken outside of regular high school hours (summer, evenings, etc.) will not count towards academic class rank.

(Drama 1351 deleted 3.26.18 due to not being in college core. Therefore, it cannot be counted as dual credit per new legislation.)

List of Approved Dual Credit Academic Courses Revised 4.17.19 to include MUSI 1306 & 1310. List revised 7.16.19 to include HUMA 1301.