



GOOSE CREEK CISD

High School Course Description Guide 2020-2021

The High School Description Course Guide is designed to assist students and parents in planning course selections for the 2018-2019 school years. A wide variety of courses is offered for high school students in the Goose Creek Consolidated Independent School District (GCCISD). Each course is

described along with the specific prerequisites to help students in selecting appropriate courses. Elective course offerings may vary from campus to campus depending on student interest and enrollment. Course offerings are also periodically updated on the district's website. Please refer to the electronic version for revisions.

Course selection and planning for the high school years result in educational decisions, which involve the student, parents, counselor, and teachers. It is important that these decisions be made carefully, considering personal objectives, educational goals, and post-high school plans.

The student is encouraged to use the planning worksheet included on the last page of this booklet to assist in tentative planning for the total high school program. To receive a diploma from GCCISD, students must meet the requirements of the state graduation plan as mandated by Chapter 74 of the Texas Administrative Code and the local requirements as well as state testing requirements for graduation.

Career-bound students should select high school courses and graduation plans to meet future employment options. College entrance requirements vary greatly; therefore, college-bound students should investigate the schools that they are considering for selecting high school courses and graduation programs.



Mission Statement

Developing the Whole Child

Goose Creek CISD develops and enhances each learner's intellectual, social, and emotional well-being facilitated by a highly qualified team committed to Growth, Community, Collaboration, Innovation, Success, and Determination.

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GENERAL INFORMATION

COURSE SELECTION AND REGISTRATION

After students select their courses from a list of course offerings, the students are encouraged to review the list with parents. Each high school student and his/her parents are responsible for the student's course selections. Under no circumstances should a student depend on any school official to choose the "correct" courses for admission to a college or for a particular program. Counselors and/or faculty will counsel and advise students in making selections; however, the student and his/her parents make the final course selections. A course can be taken only once for credit.

COURSE AVAILABILITY

The availability of any course depends upon sufficient enrollment, personnel, and other resources. All courses listed in this booklet will not necessarily be offered every year on each campus. Course selection choices will be dependent on student needs for graduation requirements and success on state required assessments. Therefore, course choices may be restricted.

CHANGING COURSES

By contacting their counselor, high school students may change course selections through the first Friday in March of each year. Changes made after that time will be considered only on an emergency basis by the principal or the principal's designee. This deadline is necessary because course offerings, teacher assignments, and class schedules are based upon student requests.

SCHEDULE CHANGES

Students are able to review courses during the registration period. Once a class begins, student/parent requests for a schedule change may be submitted the week of the first progress report. See the Advanced Academics section below for more information regarding PreAP/AP/Dual Credit courses. A final decision regarding the requested schedule change will be based on the following criteria:

- There is appropriate space in the class for the transfer.
- The student is a senior not scheduled in a course needed for graduation.
- The student has already earned credit for a course currently scheduled.
- The student does not meet the prerequisite requirements for a course.
- The student has previously failed this class under the same teacher.
- The student was dismissed from a program where approval must be granted.
- The student does not have a full schedule.
- Other as approved by building principal.
- Dropping a dual credit course will be in accordance with the college guidelines.

Any student may move from a regular level course to an advanced level course in the same content area no later than the first progress reporting period. Students and parents should be aware that moving into an advanced level course after the first week of school may require additional work or participation in tutorials.

Requests for dropping courses after the first progress reporting period should be requests that contain extenuating circumstances. These requests will be reviewed by the principal or principal's designee for consideration.

ADVANCED ACADEMICS

A Pre-AP or AP student may move from an advanced class to a regular level class with parent and administrator approval at the end of the first progress reporting period of the course. Students who remain in the AP or Pre-AP course must wait until the end of the semester to request a transfer to the regular level course. No additional grade points are added when students drop to a lower level course. Dropping a dual credit course will be in accordance with the college guidelines.

Requests for dropping courses after the first progress reporting period should be requests that contain extenuating circumstances. These will be reviewed by the principal or principal's designee for consideration.

Caution: Many AP courses and some Pre-AP courses (i.e., AP Physics) do not have a regular course to move into. Unless otherwise notified, AP students are required to take the corresponding AP exam for each AP course he/she is enrolled. AP exams are funded by the district for students enrolled in AP classes

Home Schooled Students

The determination of placement and awarding of transfer credit from students who have been home schooled will be determined by reviewing the curriculum and/or work of the student, or by using appropriate assessments. Section 28.021 of the Texas Education Code (TEC) requires advancement or credit to be awarded on the basis of "academic achievement or demonstrated proficiency of the subject matter.

Section 504

Section 504 of the Rehabilitation Act of 1973 provides equal educational opportunities for eligible disabled students. An eligible Section 504 student is one with a physical or mental impairment that substantially limits one or more major life activities. Eligible students will receive appropriate classroom accommodations and services as determined by a Section 504 committee.

Special Education

Special Education modified curriculum courses for students with disabilities are determined by their ARD, (Admission, Review, and Dismissal Committee). Modified courses can be taught in the general and or special education setting as documented in the student's IEP, (Individual Education Plan). These courses are developed from the student's individualized goals and objectives, which are based on the TEKS, (Texas Essential Knowledge and Skills).

Public Notification of Nondiscrimination 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; Marketing, Sales & Service; Science, Technology, Engineering & Math; and Transportation, Distribution & Logistics. Admission to these programs is based on student interest and space availability in GCCISD CTE programs.

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 I10 East, Baytown, TX 281-420-4800.

NCAA REQUIREMENTS

Many college sports are regulated by the National Collegiate Athletic Association (NCAA), an organization founded in 1906 that has established rules on eligibility, recruiting, and financial aid. The NCAA has three membership divisions -- Division I, Division II, and Division III. Institutions

are members of a division according to the size and scope of their athletic programs and whether they provide athletic scholarships. If you want to play NCAA sports at an NCAA Division I or II school, you need to register with the NCAA Eligibility Center at eligibilitycenter.org. The Eligibility Center works with you and your high school to certify your initial eligibility.

CORE COURSES

Not all high school classes are NCAA core courses. A core course prepares you for a four-year college and is taught at or above your high school's regular academic level. Visit eligibilitycenter.org for a full list of your high school's core courses.

For more information regarding the rules, please go to www.ncaa.org. Click on "Academics and Athletes" then "Eligibility and Recruiting" or visit the Eligibility Center Web site at www.ncaaclearinghouse.net. Please call the NCAA Eligibility Center if you have questions: Tollfree number 877-262-1492.

PARTICIPATION FEES

Some elective courses may incur fees; refer to course descriptions for more information.

NON-TRADITIONAL EDUCATIONAL PROGRAMS OTHER EDUCATIONAL OPPORTUNITIES

Night School

Night School offers students the opportunity to receive a high school diploma or recover high school credit through the Peter E. Hyland Center. It is designed for high school age students who are enrolled in a Goose Creek CISD school. The program is tuition free. Students may enroll in Night School by contacting a high school counselor or the Peter E. Hyland Center.

Peter E. Hyland Learning Program

The Peter E. Hyland Learning Program offers an option for GCCISD students who, for any number of reasons, prefer a smaller, more personalized format over the traditional high school environment. The program offers students the opportunity to work with caring teachers and proceed through their high school classes in a relaxed, student-centered environment that helps ensure success. Enrollment is through an application process and students must meet admission criteria. For an application or more information, contact a high school counselor or Peter E. Hyland Center.

Summer School

Goose Creek CISD offers summer programs designed to serve students who need to retake a course for which they have not received credit, students who need to take an EOC, or for students who would like to get original credit in a non-EOC subject only. Courses are offered pending appropriateness of the course, sufficient enrollment, availability of facilities, and availability of appropriate faculty. Students should check with their counselors to determine course offerings and tuition fee rates.

Correspondence Courses/Distance Learning*

Students may earn high school credits by correspondence. The courses must be taken from Texas Tech University, University of Texas at Austin, or Texas Virtual School Network. These credits may be applied toward State graduation requirements. In order to be an honor graduate, a senior must have completed all outside course work before the end of the first nine weeks of the spring semester with the exception of dual credit enrollment. Prior approval must be granted or a student will not be awarded credit toward graduation or promotion. Correspondence courses taken as a graduation requirement will count toward academic UIL "No Pass/No Play" and maintain the same eligibility calendar provided by GCCISD. All courses will appear on the transcript but will not be included in GPA calculation. Student athletes who take correspondence coursework should determine if the correspondence courses meet NCAA requirements.

Credit by Examination (CBE) Without Prior Instruction*

This test for credit is designed for students who are already proficient in the subject and need no review or instruction prior to the test. If the student has had no prior instruction in a course, the fee for the exam is paid by the district. Each counselor has a schedule for the testing dates and deadlines for applying throughout the year. Deadlines must be met. Requests for testing are to be made through the student's counselor. Students must score 80 or better to receive credit through this testing process. The grade earned on the exam is the grade entered on the Academic Achievement Record. If a student fails to earn credit by examination for a specific high school course before the beginning of the school year in which the student would ordinarily be required to enroll in that course in accordance with the District's prescribed course sequence, the student must satisfactorily complete the course to receive credit for the course. ***CBE's are given according to the course sequence. CBE grades are not used for determining GPA.**

Credit by Examination with Prior Instruction*

The principal or designee or the attendance committee, as applicable, shall have authority to offer a student the opportunity to demonstrate mastery in a subject or to earn course credit by examination when the student has had prior instruction in a subject and when:

1. The student is enrolling in the District from a non-accredited school [see FD];
2. The student has failed a subject or course; or
3. The student has earned a passing grade in a subject or course but has failed to earn credit because of excessive absences [see FEC].

Examinations shall assess the student's mastery of the essential knowledge and skills and shall be administered according to established District procedures. If the student has had prior instruction, the fee is paid by the student and test scheduling is provided by the student's counselor. Up to four (4) semester units (2 credits) may be earned by junior school students. Up to eight (8) semester units (4 credits) may be earned by high school students. The passing grade must be 70 or better.

Prior to offering a student an opportunity to demonstrate mastery or earn credit by this method, an appropriate District employee shall review the student's educational records to determine whether the student has had prior instruction in the subject or course.

****All of the above must be completed by the end of the fifth six weeks, prior to graduation.***

(Entered high school 2012-13 and 2013-2014 school year)

Curriculum Area	Recommended Program	Distinguished Program
English	4 credits English I English II English III English IV	4 credits English I English II English III English IV
Mathematics	4 credits Algebra I Algebra II Geometry Additional Math Credit	4 credits Algebra I Algebra II Geometry Additional Math Credit
Science	4 credits Biology Chemistry Physics Additional Science Credit	4 credits Biology Chemistry Physics Additional Science Credit
Social Studies	4 credits World Geography World History US History US Government (1/2 credit) Economics (1/2 credit)	4 credits World Geography World History US History US Government (1/2 credit) Economics (1/2 credit)
Physical Education	1 credit	1 credit
Languages other than English	2 credits (same language)	3 credits (same language)
Fine Arts	1 credit	1 credit
Health	½ credit	½ credit
Speech	½ credit	½ credit
Technology	1 credit	1 credit
Elective Courses	4 credits	3 credits
Advanced Measures	None	Advanced Measures (four needed)
State Exams	STAAR EOCs-5 required	STAAR EOCs-5 required
TOTAL CREDITS	26 Credits	26 Credits

Students may graduate on the Distinguished Achievement Program by completing the state's Distinguished Achievement Program course requirements and in addition, earning four (4) advanced measures. Students may earn the four (4) required advanced measures in any combination from TEST DATA, COLLEGE COURSES, and or ORIGINAL RESEARCH/PROJECT.

GCCISD GRADUATION REQUIREMENTS

Cohort 2018 and Beyond

(Entered high school 2014-2015 school year)

Curriculum Area	Foundation with Endorsement Plan	Distinguished Level of Achievement
English	4 credits English I English II English III An Advanced English	4 credits English I English II English III An Advanced English
Mathematics	4 credits Algebra I Geometry 2 Advanced Math Courses	4 credits Algebra I Geometry Algebra II Advanced Math Course
Science	4 credits Biology IPC or an Advanced Science Course 2 Advanced Science Courses	4 credits Biology IPC or an Advanced Science Course IPC or an Advanced Science Course An Advanced Science Course
Social Studies <small>*Colleges/Universities may require 4 Social Studies credits</small>	3 credits World Geography or World History US History US Government (1/2 credit) Economics (1/2 credit)	3 credits* World Geography or World History US History US Government (1/2 credit) Economics (1/2 credit)
Other Languages	2 credits (same language)	2 credits (same language)
Physical Education	1 credit	1 credit
Health	1/2 credit	1/2 credit
Technology	1 credit	1 credit
Fine Arts	1 credit	1 credit
Elective(s)/Endorsement Courses	See Endorsement Options to determine the number of credits needed.	
State Exams	STAAR EOCs-5 required	STAAR EOCs-5 required
TOTAL CREDITS	26 Credits including an Endorsement	26 Credits including an Endorsement

A student entering grade 9 in the 2014–15 school year and thereafter shall enroll in the courses specified by the District in order to complete the Distinguished Level of Achievement under the Foundation High School Program.

ENGLISH LANGUAGE ARTS - COURSE SEQUENCE

Course Sequence

*Entered high school in 2014-2015 and thereafter Cohort
2018 and beyond*

Grade	Course	Remediation
9 th	English I	EOC Prep/Reading I
10 th	English II	EOC Prep/Reading II
11 th	English III	EOC Prep/Reading III
12 th	English IV Research and Technical Writing College Prep ELA	Practical Writing Skills I & II

Advanced Course Sequence

*Entered high school in 2014-2015 and thereafter Cohort
2018 and beyond*

Grade	Course
9 th	Pre-AP English I
10 th	Pre-AP English II
11 th	AP English III (Language and Composition) Dual Credit English Composition <i>*see Lee College course guide</i>
12 th	AP English IV (Literature and Composition) Dual Credit English Composition or English Literature <i>*see Lee College course guide</i>

Course Sequence

*Entered high school in 2014-2015 and thereafter Cohort
2018 and beyond*

Grade	Course	Remediation
9 th	Algebra I	
10 th	Geometry Algebraic Reasoning Math Models	EOC Prep Class-Local Elective Credit

11th	Algebra II Algebraic Reasoning Geometry	EOC Prep Class-Local Elective Credit
12th	Algebra II Pre-Calculus College Prep Math Advanced Quantitative Reasoning AP or Dual Credit (see below) On Ramps (see below)	EOC Prep Class-Local Elective Credit

Advanced Course Sequence
Entered high school in 2014-2015 and thereafter
Cohort 2018 and beyond

MATHEMATICS - COURSE SEQUENCE

Grade	Course Sequence for students who received Algebra I credit in 8th Grade	Prerequisite Course
9th	Pre-AP Geometry	Pre-AP Algebra I
10th	Pre-AP Algebra II	Pre-AP Geometry
11th/12th	Pre-AP Pre-Calculus AP Statistics AP Calculus AB AP Calculus BC Dual Credit College Algebra Dual Credit Finite Math Dual Credit Pre-Calculus On Ramps Pre-Calculus On Ramps Statistics On Ramps College Algebra	Pre-AP Algebra II

SCIENCE - COURSE SEQUENCE

Course Sequence		
<i>Entered high school in 2014-2015 and thereafter Cohort 2018 and beyond</i>		
Grade	Course	Remediation
9th	Biology	
10th	IPC Chemistry Physics	EOC Prep Class-Local Elective Credit
11th	Physics Aquatics Astronomy Chemistry IPC Anatomy and Physiology Advanced Animal Science Advanced Plant and Soil Science Engineering Science Engineering Design and Problem Solving Food Science Forensic Science	EOC Prep Class-Local Elective Credit
12th	Physics Aquatics Astronomy Chemistry Anatomy and Physiology Advanced Animal Science Advanced Plant and Soil Science Engineering Science Engineering Design and Problem Solving Food Science Forensic Science	EOC Prep Class-Local Elective Credit

SCIENCE - COURSE SEQUENCE Cont.

Advanced Course Sequence

Entered high school in 2014-2015 and thereafter

Cohort 2018 and beyond

Grade	Course
9th	Pre-AP Biology
10th	Pre-AP Chemistry Pre-AP Physics
11th	AP Biology AP Chemistry AP Physics I AP Physics II AP Physics C AP Environmental Science Dual Credit Applied Petrochemical and Technology Dual Credit General Biology Dual Credit General Chemistry Dual Credit College Physics Dual Credit Environmental Science Dual Credit Human Anatomy and Physiology
12th	AP Biology AP Chemistry AP Physics I AP Physics II AP Physics C AP Environmental Science Dual Credit Applied Petrochemical and Technology Dual Credit General Biology Dual Credit General Chemistry Dual Credit College Physics Dual Credit Environmental Science Dual Credit Human Anatomy and Physiology

SOCIAL STUDIES - COURSE SEQUENCE

Course Sequence for Social Studies

Entered high school in 2014-2015 and thereafter

Cohort 2018 and beyond

Grade	Course	Remediation
9th	World Geography World History	
10th	World Geography World History Psychology/Sociology Special Topics Sports History Special Topics History Through Film Mexican-American Studies	
11th	US History	
12th	Government (1/2 credit) Economics (1/2 credit)	12 th graders who fail the US History EOC may concurrently enroll in Government or Economics & Social Studies Special Topics in US History (EOC Prep Class – 1 semester)

SOCIAL STUDIES - COURSE SEQUENCE Cont.

Suggested Course Sequence for Advanced Social Studies

Entered high school in 2014-2015 and thereafter. Please Note: many top tier universities currently require four years of Social Studies credits for freshman applicants. Please check requirements for all universities of interest.

Grade	Course
9th	World Geography World History AP Human Geography
10th	World History AP World History World Geography AP Human Geography AP Art History AP European History AP Psychology
11th	US History AP US History Dual Credit US History
12th	Economics AP Macroeconomics Government AP Government

Dual Credit Government

ACADEMIC ACHIEVEMENT/CLASS RANKING

Grade Point Average

The grade point average (GPA) shall represent a student's overall average in courses taken and shall be determined by dividing accumulated grade points earned by the total number of courses taken.

The GPA shall be computed to two decimal places and shall be assessed after the fifth six weeks of the school year.

The GPA shall not be used to determine class rank; class rank shall be determined by a student's academic class rank (ACR).

Academic Class Rank (ACR)

The ACR shall be used to award class rank based on the District's weighted grade point scale. Class rank shall be defined as a numerical standing with one's peers determined by academic success in selected courses. Final class rank for graduating seniors shall be assessed after the fifth six weeks of the school year.

The ACR will be determined by dividing accumulated grade points earned by the total number of eligible state-approved foundation courses, Advanced Placement (AP) courses, and dual credit courses taken. Eligible courses are identified annually in the course selection guide. See the section entitled "Courses to be used for Determining Academic Class Rank."

Exclusions

Excluded from this calculation shall be local credit courses and all courses attempted under the following instructional arrangements: credit by examination, correspondence, computer-assisted instruction, and night school.

Modified Courses

For purposes of determining class rank for honor positions, courses that have been modified by the student's ARD committee as to the required content of the Texas Essential Knowledge and Skills (TEKS) and reflected in the student's IEP shall not earn the same number of grade points as regular courses. However, courses in which content has not been modified, but for which the student received accommodations as determined by the ARD committee, shall earn the same number of grade points assigned to regular courses.

Transfer Grades

All incoming student's GPAs shall be converted to the system used by the District to determine the ACR.

Valedictorian and Salutatorian

The valedictorian and the salutatorian shall be the eligible students with the highest and second highest ranking as determined by the ACR and the criteria listed below in the “Honor Graduates” section. For more information, see EIC Local Board Policy.

Honor Graduates

All students whose ACR comprise the top ten percent of the graduating class shall be recognized as honor graduates in the following manner:

Top Two Percent of the class:	Summa Cum Laude
Next Three Percent of the class:	Magna Cum Laude
Next Five Percent of the class:	Cum Laude

In addition, local honors recognition shall be awarded to the top ten academically ranked students, including the valedictorian and salutatorian, who have met the following local criteria:

1. Completion of the Recommended Program or the Advanced/Distinguished Achievement Program or Foundation Plan with Distinguished Level of Achievement;
2. Continuous enrollment in the same high school within Goose Creek CISD for the three semesters preceding graduation; and
3. Satisfactory completion of all coursework and state testing requirements.

Conduct

To participate in local honors recognition activities, a student shall not have engaged in any serious misconduct violation during his or her last two semesters. Serious misconduct shall be classified as behavior resulting in a Level III (excluding repeated violations of Level I and Level II), Level IV, or Level V offense according to the District’s Student Code of Conduct. Local honors recognition is a visible, verbal recognition and participation of the student. Traditional sources of local recognition of top honors for graduates are events such as the Kiwanis Luncheon, Rotary Luncheon, and the GCCISD Board of Trustees Top Ten Recognition for Goose Creek Memorial, Robert E. Lee, IMPACT ECHS, and Ross S. Sterling students. Top Ten recognition at graduation ceremonies also include valedictorian and salutatorian addresses.

To participate in local honors recognition activities, a student must maintain an 80 average in each class for the sixth six-week grading period. These averages shall be determined 15 school days prior to completion of the semester.

Courses to Be Used for Determining Academic Class Rank (ACR) ***Eligible ACR Courses***

Students who entered 9th Grade in 2014-15 and thereafter:

With the exception of the stated “Exclusions” in Board Policy EIC Local, **ALL** courses are eligible to count towards ACR. [NOTE: Beginning with students entering grade 9 in 2016-17 (Cohort 2020), dual credit courses taken outside of regular high school hours (summer, evenings, etc.) will not count towards academic class rank.]

Students who entered 9th Grade prior to 2014-15 School Year:

The following list of courses are eligible to count towards ACR for students who entered 9th grade prior to the 2014-15 school year. This list includes state-approved foundation courses in English, mathematics, science, and social studies, third (3rd) year of languages other than English, all College Board Advanced Placement courses, and designated dual credit courses. This list also represents Resource, Deaf Education, Regular, and Pre-AP courses of the same title where applicable.

Students who entered 9th Grade prior to 2014-15 School Year		
ACR Eligible Courses		
<p><u>ENGLISH</u> English I English II English III English IV AP English Language & Composition AP English Literature & Composition Dual Credit English 1301 & 1302 Dual Credit English 2322 & 2323</p> <p><u>MATH</u> Algebra I Algebra II Algebra III Geometry Independent Studies in Mathematics Mathematical Models with Applications Pre-calculus AP Calculus AB AP Calculus BC AP Statistics AP Computer Science A Dual Credit Math 1314 Dual Credit Math 1324 Dual Credit Pre-Calculus 2412</p> <p><u>SCIENCE</u> Integrated Physics & Chemistry Biology Chemistry Physics Astronomy Aquatic Science Environmental Systems Earth & Space Science AP Biology AP Chemistry AP Physics B AP Physics C AP Physics 1 AP Physics 2 AP Environmental Science</p>	<p><u>SCIENCE Cont.</u> Scientific Research & Design Anatomy & Physiology of Human Science Medical Microbiology & Pathophysiology Engineering Design & Problem Solving Advanced Animal Science Food Science Dual Credit Applied General Chemistry 1414 Dual Credit Applied Physics 1418 Dual Credit Biology 1406 Dual Credit Biology 1407 Dual Credit Chemistry 1411 Dual Credit Chemistry 1412 Dual Credit Environmental Science 1401 Dual Credit Environmental Science 1402 Dual Credit Physics 1401 Dual Credit Physics 1402 Dual Credit Anatomy & Physiology—BIOL 2401 Dual Credit Anatomy & Physiology—BIOL 2402</p> <p><u>SOCIAL STUDIES</u> World Geography World History Studies United States History United States Government Economics AP Human Geography AP European History AP World History AP Microeconomics AP Macroeconomics AP US Government & Politics AP US History AP Psychology AP US Comparative Government & Politics Dual Credit Psychology—PSYC 2301 Dual Credit Sociology—SOCI 1301 Dual Credit US Government—GOVT 2305 Dual Credit History of US to 1877—HIST 1301 Dual Credit History of US since 1877—HIST 1302 Dual Credit Federal Government—GOVT 2305 Dual Credit Texas Government—GOVT 2306</p>	<p><u>ELECTIVES/OTHER</u> AP Music Theory AP Studio Art (2D, 3D, Drawing) AP Art History</p> <p><u>LANGUAGES OTHER THAN ENGLISH</u> French III German III Spanish III AP French Language & Culture AP Spanish Language & Culture AP Spanish Literature & Culture AP German Language & Culture</p> <p style="background-color: black; color: white; padding: 5px;">NOTE: The list of courses on this page may not be all inclusive as new courses are added.</p>

WEIGHTED GRADE POINT SCALE

Per Board Policy EIC Local, the following weighted grade point scale shall apply to students who entered 9th grade in 2013-14 through 2018-19.

Courses earn grade points based on the requirements (rigor) of the curriculum. The following chart shows grade points earned for categories of courses. This weighted scale will be used to determine student *honors* and a student's *academic class rank*. Beginning with the grade 9 cohort entering in the 2013–14 school year, students shall earn an additional 0.5 grade point for each course in which the student takes the associated AP exam and scores a 3, 4, or 5. Since AP scores are received in July, the additional grades points will not apply to courses taken during the senior year.

Grade	*AP Exam Score of 3+	AP -and- Dual Credit	Pre-AP	Academic/ Regular
100	6.5	6.0	5.5	5.0
99	6.4	5.9	5.4	4.9
98	6.3	5.8	5.3	4.8
97	6.2	5.7	5.2	4.7
96	6.1	5.6	5.1	4.6
95	6.0	5.5	5.0	4.5
94	5.9	5.4	4.9	4.4
93	5.8	5.3	4.8	4.3
92	5.7	5.2	4.7	4.2
91	5.6	5.1	4.6	4.1
90	5.5	5.0	4.5	4.0
89	5.4	4.9	4.4	3.9
88	5.3	4.8	4.3	3.8
87	5.2	4.7	4.2	3.7
86	5.1	4.6	4.1	3.6
85	5.0	4.5	4.0	3.5
84	4.9	4.4	3.9	3.4
83	4.8	4.3	3.8	3.3
82	4.7	4.2	3.7	3.2
81	4.6	4.1	3.6	3.1
80	4.5	4.0	3.5	3.0
79	4.4	3.9	3.4	2.9
78	4.3	3.8	3.3	2.8
77	4.2	3.7	3.2	2.7
76	4.1	3.6	3.1	2.6
75	4.0	3.5	3.0	2.5
74	3.9	3.4	2.9	2.4
73	3.8	3.3	2.8	2.3
72	3.7	3.2	2.7	2.2
71	3.6	3.1	2.6	2.1
70	3.5	3.0	2.5	2.0

Eligible courses shall be identified annually in the course selection guide.

WEIGHTED GRADE POINT SCALE

Per Board Policy EIC Local, this weighted grade point scale applies to students entering grade 9 after the 2018-19 school year. Courses earn grade points based on the requirements (rigor) of the curriculum. The following chart shows grade points earned for categories of courses. This weighted scale will be used to determine student *honors* and a student's *academic class rank*.

Grade	*AP Exam Score of 3+	AP -and- Dual Credit	Pre-AP/Honors	Academic/Regular
100	6.5	6.0	5.5	5.0
99	6.4	5.9	5.4	4.9
98	6.3	5.8	5.3	4.8
97	6.2	5.7	5.2	4.7
96	6.1	5.6	5.1	4.6
95	6.0	5.5	5.0	4.5
94	5.9	5.4	4.9	4.4
93	5.8	5.3	4.8	4.3
92	5.7	5.2	4.7	4.2
91	5.6	5.1	4.6	4.1
90	5.5	5.0	4.5	4.0
89	5.4	4.9	4.4	3.9
88	5.3	4.8	4.3	3.8
87	5.2	4.7	4.2	3.7
86	5.1	4.6	4.1	3.6
85	5.0	4.5	4.0	3.5
84	4.9	4.4	3.9	3.4
83	4.8	4.3	3.8	3.3
82	4.7	4.2	3.7	3.2
81	4.6	4.1	3.6	3.1
80	4.5	4.0	3.5	3.0
79	4.4	3.9	3.4	2.9
78	4.3	3.8	3.3	2.8
77	4.2	3.7	3.2	2.7
76	4.1	3.6	3.1	2.6
75	4.0	3.5	3.0	2.5
74	3.9	3.4	2.9	2.4
73	3.8	3.3	2.8	2.3
72	3.7	3.2	2.7	2.2
71	3.6	3.1	2.6	2.1
70	3.5	3.0	2.5	2.0

Eligible courses shall be identified annually in the course selection guide.

GRADE CLASSIFICATION

All GCCISD high school students classified as a freshman, sophomore, junior or senior will be enrolled for eight periods. Classification of high school students is based on the cohort in which the student enters high school. High school credit eligibility for student activities are noted in the Student/Parent Handbook.

Early Graduates

Students requesting to graduate early are required to meet with their high school counselor. An *Intent to Graduate Early* form must be completed and all requirements for an early graduation must be satisfied. Early graduates will be ranked at the end of the fall semester with the senior class. In order to participate in senior activities, the student must meet all eligibility requirements as determined in the Student/Parent Handbook.

Transfer Students

A transfer student shall be assigned a grade classification, upon receipt of an official transcript from the sending school, in accordance with the policies of Goose Creek CISD.

DUAL CREDIT INFORMATION

Dual credit is the process by which a high school student enrolls in a college course and receives simultaneous credit for the course from both the college and the high school.

In order to enroll in a dual credit course, the student must complete a series of steps that are involved in the registration process. One of these steps includes parental permission to enroll in a dual credit course through Goose Creek CISD. In order to be eligible to receive high school credit for a dual credit course, a GCCISD student must have first met with his/her high school campus counselor and received written approval through the counselor to take the course and written approval from the parent/guardian for the student to register for the course. This process requires the completion of the GCCISD Dual Credit Registration Packet with all required signatures. A student will not be eligible for high school credit if a GCCISD Dual Credit Registration Packet was not completed, with all required signatures, in advance of enrolling in the college course. This includes dual credit courses taken during the summer months and after school hours.

Prior to enrolling in a dual credit course, please be advised of the following important information:

- In order to be eligible to receive high school credit for a dual credit course, a GCCISD student must have first met with his/her high school campus counselor and received written approval through the counselor to take the course and written approval from the parent/guardian for the student to register for the course.
- In order to register for a dual credit class, a student must meet established academic criteria which may involve taking the Texas State Initiative Assessment (TSIA). The student must also complete all required college paperwork and GCCISD paperwork per the deadline date.
- Grades are confidential, and are only available to the student, unless the student signs a FERPA release form through college. In order to track student progress, it is the responsibility of the parent to access their student's dual credit grade through Lee College's online gradebook system. Again, a student must sign a FERPA release form through the college in order to access the student's grades.
- Students are required to use the online "myLC" account provided by Lee College. It includes registration, billing information, grades, etc. It is the responsibility of the student to access the system and learn how to use it.
- Six-week report card grades are not provided.
- For dual credit courses taken during regular school hours, GCCISD is funding the tuition and textbooks for the first time the course is taken.
- The cost of tuition/fees and textbooks for dual credit courses taken during the summer months or after school hours is the responsibility of the parent/student.
- Dual credit courses may meet two to three times a week on GCCISD campuses or the college campus.
- Some dual credit courses may contain subject matter that is of an adult nature.
- A letter grade will be recorded on the permanent college transcript.
- A numeric grade will be recorded on the permanent high school transcript.
- Dual credit teachers may be GCCISD teachers who serve as Lee College adjunct professors, or they may be non-GCCISD employees who are college professors.

- If a dual credit course does not make based on enrollment requirements, please be aware that there is a chance that a student may be placed into a course that does not carry weighted credit. Every effort will be made to place a student into a comparable course with weighted credit.
- Due to the fact that Dual Credit courses are college level and taught by college approved instructors, students with disabilities must meet with the Counselor for Students with Disabilities at the college in order to be considered for accommodations in courses.
- Prior to withdrawing from a college course that is taken during regular school hours, it is the student's responsibility to first discuss this matter with his/her high school counselor to determine if space is available in a comparable high school course. Also, certain restrictions and consequences are in place regarding withdrawing from a college course. Contact the Lee College Dual Credit Director for more information.
- Beginning with students who entered grade 9 during the 2016-2017 school year, (Cohort 2020), dual credit courses taken outside of the regular high school hours, including summer and evenings, will not count towards academic class rank.

HONORS COURSES

Courses that carry the label of "Honors" courses will carry a 5.5 weight on the weighted grade point scale. An *Honors* course has been defined as a course which contains rigor and depth above the TEKS, moderate to frequent out-of-class work/assignments, extended projects/activities/labs and extended assessment or performance requirements. An application and committee process exists regarding the designation of courses as "Honors" courses.

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 I	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 & H	PHYS 1401	4	Scientific Research & Design III	.5	13037220
*College Physics II: Sound, Elect.,	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 Stud	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	ARTS 1303	3	Art 3B	.5	03500300
***Introduction to Theatre	DRAM 1310	3	Theatre Arts 3A	.5	03250300
***Introduction to Acting	DRAM 1351	3	Theatre Arts 3B	.5	03250300

*Until further notice, 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. *** DRAM 1310/1351 is being piloted at GCM during 2017-18.

****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.

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.

APPROVED CTE DUAL CREDIT COURSES-2020-21					
College Course	Course Number	College Semester Credit Hrs	High School Course	High School Credit	PEIMS Service ID#
Automotive Technology (Only at SCTHS)					
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 (Only at SCC)					
Introduction to Networks <i>(96 contact hours)</i>	ITCC 1414	4	Networking/Networking Lab	0.5	13027410
Routing and Switching Essentials <i>(96 contact hours)</i>	ITCC 1440	4	Networking/Networking Lab	0.5	13027410
Scaling Networks <i>(96 contact hours)</i>	ITCC 2412	4	Networking/Networking Lab	0.5	13027410
Connecting Networks <i>(96 contact hours)</i>	ITCC 2413	4	Networking/Networking Lab	0.5	13027410
Cosmetology – Dual Credit High School Certificate of Completion (Only at REL)					
Artistry of Hair Design I <i>(128 contact hours)</i>	CSME 1254	2	Introduction to Cosmetology	1.0	13025100
Fundamentals of Cosmetology <i>(128 contact hours)</i>	CSME 1505	5	Principles of Cosmetology Design and Color Theory	1.0	13025050
Introduction to Haircutting and Related Theory <i>(128 contact hours)</i>	CSME 1410	4	Cosmetology I	1.0	13025200
Chemical Reformation and Related Theory <i>(128 contact hours)</i>	CSME 1453	4	Cosmetology I	1.0	13025200
Artistry of Hair Design II <i>(128 contact hours)</i>	CSME 1255	2	Cosmetology II	1.0	13025300
Advanced Haircutting and Related Theory <i>(128 contact hours)</i>	CSME 2401	4	Cosmetology II	1.0	13025300
The Principles of Hair Coloring and Related Theory <i>(128 contact hours)</i>	CSME 2410	4	Practicum in Human Services	1.0	13025000
Preparation for the State Licensing Examination <i>(160 contact hours)</i>	CSME 2441	4	Practicum in Human Services	1.0	13025000

Culinary Arts (Only at SCTHS)					
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 (Only at REL)					
Instrumentation & Safety <i>(48 contact hours)</i>	INTC 1312	3	AC/DC Electronics	0.5	13036800
Instrumentation Test Equipment <i>(48 contact hours)</i>	INTC 1307	3	AC/DC Electronics	0.5	13036800
Introduction to Direct Current Circuits <i>(64 contact hours)</i>	IEIR 1302	3	Solid State Electronics	0.5	13036900
Application of Industrial Automatic Control <i>(48 contact hours)</i>	INTC 1343	3	Solid State Electronics	0.5	13036900
Applied Petrochemical Technology <i>(96 contact hours)</i>	CTEC 1401	4	Principles of Technology	0.5	13037100
Technical Algebra (4 th Math credit) <i>(48 contact hours)</i>	TECM 1341	3	Independent Studies in Math 3	0.5	03102502
Programmable Logic Controllers <i>(64 contact hours)</i>	RBTC 1301	3	Digital Electronics	0.5	13037600
Technical Math Applications (4 th Math credit) <i>(48 contact hours)</i>	TECM 1349	3	Independent Studies in Math 3	0.5	03102502
Instrumentation Calibration <i>(96 contact hours)</i>	INTC 1456	4	Practicum in STEM (First Time Taken)	0.5	13037400
Principles of Automatic Control <i>(96 contact hours)</i>	INTC 1441	4	Practicum in STEM (First Time Taken)	0.5	13037400
Distributed Control Systems <i>(96 contact hours)</i>	INTC 2459	4	Practicum in STEM (First Time Taken)	0.5	13037400
Fieldbus Process Control Systems <i>(96 contact hours)</i>	INTC 2450	4	Practicum in STEM (First Time Taken)	0.5	13037400
Fundamentals of Wireless LANs <i>(96 contact hours)</i>	ITNW 1351	3	Networking	0.5	13027400
Logistics-Certificate of Completion LOG1 (Only at GCM)					
Introduction to Business Logistics <i>(48 contact hours)</i>	LMGT 1319	3	Principles of Transportation Systems	0.5	13039250
Supervision <i>(48 contact hours)</i>	BMGT 1301	3	Human Resource Management	0.5	13011900
Domestic & International Transportation Management <i>(48 contact hours)</i>	LMGT 1323	3	Management of Transportation Systems	0.5	13040200
Introduction to Materials Handling <i>(48 contact hours)</i>	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 (Only at GCM)					
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 (Only at GCM)					
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 (Only at GCM)					
Business and Professional Communications (48 contact hours)	SPCH 1321	3	Professional Communications	0.5	13009900
Pipefitting Technology (Only at SCTHS)					
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 (Only at REL)					
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 (Only at SCTHS)					
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
Integrated Software Applications (96 contact hours)	ITSC 1309	3	Business Information Management II	0.5	13011500

*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.

2020-21 Goose Creek CISD OnRamps (OR) Courses

OnRamps Course	Pre-requisites	FALL SEMESTER Corresponding High School Course	PEIMS Service ID#	GC Course #	Fall GPA Weight (5.5)	SPRING SEMESTER Corresponding High School Course	PEIMS Service ID#	GC Course #	Spring GPA Weight (6.0)
College Chemistry	Algebra I	OR Chemistry (A)	03040000	19625 D19625	5.5	OR Chemistry (B)	03040000	CHEM 1401	6.0
College Algebra	Algebra I Geometry	OR Math Independent Studies I(A)	03102500	15202 D15202	5.5	OR Math Independent Studies I(B)	03102500	MTH 1314 OR	6.0
Computer Science	Algebra I	OR Computer Science I(A)	03580200	19759 D19759	5.5	OR Computer Science I(B)	03580200	COMP 1302	6.0
Physics I	Algebra I Geometry	OR Physics (A)	03050000	19725 D19725	5.5	OR Physics (B)	03050000	PHYS 1301	6.0
Pre-Calculus	Algebra II (Recommended)	OR Pre-Calculus (A)	03101100	05764 D05764	5.5	OR Pre-Calculus (B)	03101100	MATH 2312	6.0
Statistics	Algebra I Geometry & Algebra II (Preferred)	OR Statistics (A)	03102530	15762 D15762	5.5	OR Statistics (B)	03102530	MATH 1342	6.0
The following courses are one semester long. Therefore, the weight is 6.0 for each of the following courses.									
*Rhetoric: Research & Writing	English I English II & English III	OR English III(A) or OR English IV(A)	03220300	EN 13013A EN 13024A	6.0				
*Rhetoric: Rhetoric of American Identity	English I English II & English III					OR English III(B) or OR English IV(B)	03220300	EN 13013B EN 13024B	6.0
= Semester I; B= Semester II; OR = OnRamps; * =Course may only be taken once. Therefore, it may count for high school English III or IV.									
<i>The district is in the process of transitioning to a 6.0 GPA weight for the fall semester regarding yearlong OnRamps courses. In doing so, the district must ensure that a level playing field remains in place regarding GPA weight per cohort of students. Therefore, based on the current enrollment per OnRamps courses, the following GPA transition plan will be implemented beginning in 2020-2021.</i>									
Cohort of Students	5.5 GPA Fall Weight per OnRamps Course				6.0 GPA Fall Weight per OnRamps Course **Use D course numbers				
2021	College Algebra, Chemistry, Computer Science, Physics, Pre-Calculus				Statistics				
2022	Chemistry, Physics				College Algebra, Pre-Calculus, Statistics				
2023	Computer Science				College Algebra, Chemistry, Physics, Pre-Calculus, Statistics				
2024					College Algebra, Chemistry, Computer Science, Physics, Pre-Calculus, Statistics				

Updated 1.10.2020 NOTE: Consult your campus CTE specialist for Academy course numbers.

COLLEGE AND CAREER PLANNING

GRADUATION PLAN

The student's graduation plan, **developed in ninth grade** in cooperation with the student, parents, teachers, and counselor, should be a guide for selecting courses to be taken in high school. The student needs to review the graduation plan annually and make adjustments prior to the time for selecting courses for the next year.

WHY GO TO COLLEGE?

Consider These Facts:

- Fifty-six (56) percent of jobs today require some college.
- Eighty (80) percent of the jobs projected to grow the fastest over this decade require some education after high school.
- A college graduate makes twice as much as a student who has only a high school diploma.

Earnings over lifetime with a college degree:

Professional degree.....\$4.4 million

Master's degree..... \$2.5 million

Bachelor's degree..... \$2.1 million

Associate's degree..... \$1.6 million

Additional Resources:

Labor Market and Career Information	1-800-822-7526
Texas Higher Education Coordinating Board	1-800-242-3062
Financial Aid Hotline	1-877-782-7322
College Board Career Search	www.collegeboard.com/html/careerbrowser.html
College Matcher	www.collegefortexans.com

Career Pathways

The Career Pathway system is a clear sequence of education coursework that prepares students for entry level employment and related college majors and is based upon the sixteen state Career Clusters. It serves as a career guidance tool designed to help students plan their high school experience based on their college and career goals. The GCCISD Career Pathway system includes many Programs of Study, separated by Career Cluster, that include a coherent sequence of courses beginning in the ninth grade and preparing students for industry certification and post-secondary education.

Students must choose a Graduation Endorsement when entering high school, as well as the Program of Study they plan to follow to earn the endorsement. The choice that they make will enable them to customize their graduation plan to take a coherent sequence of courses that will help them reach their college and career goals. Students may change Programs of Study during high school, but changing after the sophomore year will limit the student's opportunity to earn an endorsement.

Naviance is an online program that allows students to explore their own path toward academic, personal and career success. It provides students with a framework to help in choosing a Program of Study, to establish long and short-term goals, and to plan for post-secondary success. In Naviance, students complete six-year plans to help them achieve academic, career, and college goals.

Components of the program include the following:

- Course Planner: create multi-year course plans that keep them on track with graduation requirements, prerequisites, and college and career goals.
- College Planner: search for and research colleges, enrichment programs, and scholarships. Track every step in the college process.
- Career Planner: link personality type and interests with both career clusters and individual careers.

Campus Naviance Family Connections Sites

Naviance login information:

Username: Student ID number

Password: Birth date (00/00/0000)

Peter E. Hyland Center

<http://connection.naviance.com/peter>

Robert E. Lee High School

<http://connection.naviance.com/relee>

Ross S. Sterling High School

<http://connection.naviance.com/rssterling>

IMPACT Early College High School

<http://connection.naviance.com/iechs>

Goose Creek Memorial High School

<http://connection.naviance.com/gcmhs>

If you have any questions or need further assistance, contact either your grade level counselor or College and Career Readiness Counselor.

ADVANCED PLACEMENT EXAMS

Advanced Placement Exams

College Board Advanced Placement courses are taught in numerous subject areas. These courses are taught at the college level, use college-level materials, and prepare students for AP examinations.

Students who score 3 or better on an AP exam may be awarded college credit by universities. Check with your university of choice for AP credit criteria. The corresponding AP exams are funded by the district for students enrolled in the course.

Why Participate?

With more than 20 courses and exams across multiple subject areas, AP offers something for everyone. Here are just a few reasons to sign up:

- Receive recognition from more than 3,600 colleges and universities that annually receive AP Exam scores. Over 90% of 4-year colleges in the U.S. provide credit and/or advanced placement for qualifying scores.
- Stand out in the college admissions process.
- Demonstrate your maturity and readiness for college.
- Show your willingness to take the most rigorous courses available to you.
- Emphasize your commitment to academic excellence.
- Get a head start on college-level work.
- Improve your writing skills and sharpen your problem-solving techniques.
- Develop the study habits necessary for tackling rigorous course work.

How Do I Enroll?

Once you've decided to take the AP challenge, it's easy to enroll:

- Talk to your high school counselor or the College & Career Readiness Counselor at your school about the course you want to take. Discuss the course's workload and any preparation you might need.
- Register for the course or courses during the spring course selection process.

COLLEGE ENTRANCE EXAMS

Preliminary SAT/National Merit Scholarship Qualifying Test PSAT/NMSQT

The PSAT is a two-hour test given once a year in October. Many students take the PSAT, not only as preparation for the SAT taken in senior year and widely used as a major criterion for college admissions, but also to qualify for the National Merit Scholarship Competition.

As with the SAT, the PSAT has separate math and verbal sections and a third section testing English grammar. Each subject is scored on a scale of 20 to 80 and these scores are combined to create the National Merit Scholarship selection index.

Almost all students take the PSAT during their junior year, but many students take the PSAT when they are sophomores to get the feel of the test. However, it is only the scores from the PSAT taken in your junior year that are considered for the National Merit Scholarship competition.

This scholarship competition awards approximately 8,200 scholarships annually. The selection process starts with the choosing of National Merit Scholarship Semi-Finalists and Commended Scholars. Cutoffs vary from state to state but typically Semi-Finalists score in the top one percent of students in their state and Commended Scholars between the top one to four percent. Most of the approximately 16,000 Semi-Finalists become Finalists, and half of those ultimately receive National Merit Scholarships.

The most common reasons for taking the PSAT/NMSQT are:

- To receive feedback on your strengths and weaknesses on skills necessary for college study. You can then focus your preparation on those areas that could most benefit from additional study or practice.
- To see how your performance on an admissions test might compare with that of others applying to college.
- To enter the competition for scholarships from the National Merit Scholarship Corporation (grade 11).
- To help prepare for the SAT. You can become familiar with the kinds of questions and the exact directions you will see on the SAT.

TSI Assessment

The TSI Assessment is a program designed to help your institution determine if you are ready for college-level course work in the general areas of reading, writing and mathematics. This program also will help determine what type of course or intervention will best meet your needs to help you become better prepared for college-level course work if you are not ready. If you are an incoming college student in Texas, you are required to take the TSI Assessment — unless you are already exempt (read below) — to determine your readiness for college-level work. Based on how you

perform, you may either be enrolled in a college-level course that matches your skill level or be placed in the appropriate developmental course or intervention to improve your skills and prepare you for success in college level courses.

Do I Have to Take the TSI Assessment?

Not all incoming students need to take the TSI Assessment. There are many ways you can be exempt. Qualifying for a TSI Assessment exemption means that you can enroll in any entry level college course without restrictions. In other words, there are no prerequisites for enrollment in college-level courses. You may be exempt if you: have met the minimum college readiness standard on SAT®, ACT, or a statewide high school test; have successfully completed collegelevel English and math courses; have enrolled in a Level-One certificate program (fewer than 43 semester credit hours); are not seeking a degree; or have been, or currently are, in the military. If you think you may be exempt, please contact an advisor at your institution. For more information, visit www.thecb.state.tx.us/DE/TSI.

SAT

The SAT is a globally recognized college admission test that lets you show colleges what you know and how well you can apply that knowledge. It tests your knowledge of reading, writing and math — subjects that are taught every day in high school classrooms. Most students take the SAT during their junior or senior year of high school, and almost all colleges and universities use the SAT to make admission decisions. The SAT doesn't test logic or abstract reasoning. It tests the skills you're learning in school: reading, writing and math. Your knowledge and skills in these subjects are important for success in college and throughout your life.

- The critical reading section includes reading passages and sentence completions.
- The writing section includes a short essay and multiple-choice questions on identifying errors and improving grammar and usage.
- The mathematics section includes questions on arithmetic operations, algebra, geometry, statistics and probability.

New SAT Structure

	Evidence-Based Reading and Writing	Math
Sections	<input type="checkbox"/> 65-minute Reading section <input type="checkbox"/> 35-minute Writing and Language section	<input type="checkbox"/> 25-minute No Calculator section <input type="checkbox"/> 55-minute Calculator section
Questions	<input type="checkbox"/> 52 Questions (Reading) <input type="checkbox"/> 44 Questions (Writing and Language)	<input type="checkbox"/> 20 Questions (No Calculator) <input type="checkbox"/> 38 Questions (Calculator)
Score Range	200-800	200-800

SAT Test Dates

The SAT and other College Board tests are offered several times a year. Most students take the SAT for the first time during the spring of their junior year and a second time during the fall of their senior year.

For more information on SAT and PSAT/NMSQT visit www.collegeboard.com Fee waivers are available for those who qualify.

ACT (American College Test)

The ACT is a national college admissions examination that consists of subject area tests. The ACT is accepted by all 4-year colleges and universities in the United States. The ACT multiple-choice tests are based on what you're learning. The ACT is not an aptitude or an IQ test. The test questions on the ACT are directly related to what you have learned in your high school courses in English, mathematics, reading, and science. Every day you attend class you are preparing for the ACT. The harder you work in school, the more prepared you will be for the test.

- **There are many ways to prepare for the ACT.**

Taking challenging courses in high school is the best way to prepare, but ACT also offers a number of [test preparation options](#) including free online practice tests, testing tips for each subject area tested, and the free student booklet *Preparing for the ACT*. This booklet includes complete practice tests (with a sample writing prompt and example essays). ACT Online Prep™, the only online test preparation program developed by ACT, is another tool to help you be ready for test day.

- **The ACT helps you plan for your future.**

In addition to the tests, the ACT also provides you with a unique Interest Inventory and a Student Profile Section. By responding to these sections, which ask about your interests, courses, and educational preferences, you provide a profile of your work in high school and your career choices to colleges.

- **The ACT helps colleges find you.**

By taking the ACT, you make yourself visible to colleges and scholarship agencies, so it's another way to help you get ready for life after high school.

- **Your ACT score is based only on what you know.**

The ACT is the only national college admission test based on the number of correct answers—you are not penalized for guessing.

- **You choose which scores you send to colleges.**

When you register for the ACT, you can choose up to four colleges to which ACT will send your scores as part of the basic fee for your test option. If you take the test [more than once](#), you choose which test date results the colleges will receive. ACT sends scores only for the test date you select.

Optional Writing Test

Not all colleges require a writing test for admission, ACT offers you the choice of whether or not you want to spend the extra time and money taking the Writing Test. Writing is an important skill for college and work, but schools use different methods to measure your writing skills.

For more information on ACT visit www.act.org Fee waivers are available for those who qualify. Please see your high school counselor for more information.

The following is a list
of all Goose Creek
high school courses
by number and
description.

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

Service ID:

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in an letic

GPA Level: Regular

06234 BOYS BASEBALL I, 1 Credit

Grade Level(s): 9-12 Service ID: PES00000

Prerequisite(s): **Coach's approval; Prior participation in an organized youth baseball league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06235 BOYS BASEBALL II, 1 Credit

Grade Level(s): 10-12 Service ID: PES00001

Prerequisite(s): **Coaches approval; Prior participation in an organized youth baseball league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06236 BOYS BASEBALL III, 1 credit

GPA Level: Regular

Grade Level(s): 11-12 Service ID: PES00002

Prerequisite(s): **Coach's approval; Prior participation in an organized youth baseball league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06237 BOYS BASEBALL IV, 1 credit

GPA Level: Regular

Grade Level(s): 12 Service ID: PES00003

Prerequisite(s): **Coach's approval; Prior participation in an organized youth baseball league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06174 BOYS BASKETBALL I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00000

Prerequisite(s): **Coach's approval; Prior participation in an organized youth basketball league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

Service ID:

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GPA Level: Regular

athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06175 BOYS BASKETBALL II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00001

Prerequisite(s): **Coach's approval; Prior participation in an organized youth basketball league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06176 BOYS BASKETBALL III, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00002

Prerequisite(s): **Coach's approval; Prior participation in an organized youth basketball league**

06177 BOYS BASKETBALL IV, 1 credit

Grade Level(s): 9-12 PES00003

Prerequisite(s): **Coach's approval; Prior participation in an organized youth basketball league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06437 BOYS CROSS COUNTRY I, 1 credit

Grade Level(s): 9-12 Service ID: PES00000

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06438 BOYS CROSS COUNTRY II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00001

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

Service ID:

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06439 BOYS CROSS COUNTRY III, 1 credit

GPA Level: Regular
GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00002

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06440 BOYS CROSS COUNTRY IV, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00003

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06294 BOYS FOOTBALL I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00000

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06295 BOYS FOOTBALL II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00001

Prerequisite(s): **Coach's approval**

06296 BOYS FOOTBALL III, 1 credit

Grade Level(s): 9-12 PES00002

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06297 BOYS FOOTBALL IV, 1 credit

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

Service ID:

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GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00003

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06337 BOYS GOLF I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00000

Prerequisite(s): **Coach's approval; Prior experience preferred and must provide own equipment**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06338 BOYS GOLF II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00001

Prerequisite(s): **Coach's approval; Prior experience preferred and must provide own equipment**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06339 BOYS GOLF III, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00002

Prerequisite(s): **Coach's approval; Prior experience preferred and must provide own equipment**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06340 BOYS GOLF IV, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00003

Prerequisite(s): **Coach's approval; Prior experience preferred and must provide own equipment**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

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GPA Level: Regular

athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06184 BOYS SOCCER I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: PES00000

Prerequisite(s): **Coach's approval; Prior participation in an organized soccer league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

Service ID:

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GPA Level: Regular

06185 BOYS SOCCER II, 1 credit

Grade Level(s): 9-12 Service ID: PES00001

Prerequisite(s): **Coach's approval; Prior participation in an organized soccer league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06186 BOYS SOCCER III, 1 credit

Grade Level(s): 9-12 Service ID: PES00002

Prerequisite(s): **Coach's approval; Prior participation in an organized soccer league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06187 BOYS SOCCER IV, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00003

Prerequisite(s): **Coach's approval; Prior participation in an organized soccer league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06307 BOYS SWIMMING I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00000

RSS Only

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06308 BOYS SWIMMING II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00001

RSS Only

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06309 BOYS SWIMMING III, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00002

RSS Only

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

Service ID:

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GPA Level: Regular

Prerequisite(s): **Coach's approval**

Swimming third time taken--This course is designed to develop strength, agility, and endurance through competition.

06310 BOYS SWIMMING IV, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: PES00003

RSS Only

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06364 BOYS TRACK I, 1 credit

Grade Level(s): 9-12

PES00000

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06365 BOYS TRACK II, 1 credit

Grade Level(s): 9-12

Service ID: PES00001

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06366 BOYS TRACK III, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: PES00002

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06367 BOYS TRACK IV, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: PES00003

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06104 CHEERLEADING-JV, ½ credit

GPA Level: Regular

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00013
Service ID: PES00013

Prerequisite(s): **Tryouts required**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06102 CHEERLEADING-JV, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00013

Prerequisite(s): **Tryouts required**

This course is designed to develop strength, agility, and endurance through competition.

06103 CHEERLEADING-VAR, ½ credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00013

Prerequisite(s): **Tryouts required**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06101 CHEERLEADING-VAR, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00013

Prerequisite(s): **Tryouts required**

This course is designed to develop strength, agility, and endurance through competition.

06491 COLOR GUARD I, 1/2 Credit

Grade Level(s): 9 PES00012

Prerequisite(s): **Familiarity with band and/or dance from junior school is preferred, but not required.**

The high school color guard is an auxiliary unit of the marching band consisting of flags and rifles. Emphasis is placed on physical conditioning, equipment handling and care, musical choreography and dance, creative self-expression through movement, the refinement of motor skills, and citizenship through group endeavors. During football season the color guard rehearses daily after school with the marching band and performs at all varsity football games and selected marching contests. Attendance at all rehearsals and performances is required. Pending local budget, students may be required to furnish their performance uniform (hat excluded) and footwear.

The student will earn 0.5 PE substitution credit (fall semester) and 0.5 local credit (spring semester) Students are reminded that a maximum of 1 credit for P.E., approved P.E. substitute, or P.E. waiver may count toward graduation.

06492 COLOR GUARD II, 1/2 Credit

GPA Level: Regular

Grade Level(s): 10 Service ID: PES00012

Prerequisite(s): **One credit from COLORGUARD I; This is a list driven, limited enrollment course**

The high school color guard is an auxiliary unit of the marching band consisting of flags and rifles. Emphasis is placed on physical conditioning, equipment handling and care, musical choreography and dance, creative self-expression through movement, the refinement of motor skills, and citizenship through group endeavors. During football season the color guard rehearses daily after school with the marching band and performs at all varsity football games and selected marching contests. Attendance at all rehearsals and performances is required. Pending local budget, students may be required to furnish their performance uniform (hat excluded) and footwear.

The student will earn 0.5 PE substitution credit (fall semester) and 0.5 local credit (spring semester) Students are reminded that a maximum of 1 credit for P.E., approved P.E. substitute, or P.E. waiver may count toward graduation.

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

Service ID:

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06493 COLOR GUARD III, 1/2 Credit

GPA Level: Regular
GPA Level: Regular

Grade Level(s): 11 Service ID: PES00012

Prerequisite(s): **One credit from COLORGUARD I; This is a list driven, limited enrollment course**

The high school color guard is an auxiliary unit of the marching band consisting of flags and rifles. Emphasis is placed on physical conditioning, equipment handling and care, musical choreography and dance, creative self-expression through movement, the refinement of motor skills, and citizenship through group endeavors. During football season the color guard rehearses daily after school with the marching band and performs at all varsity football games and selected marching contests. Attendance at all rehearsals and performances is required. Pending local budget, students may be required to furnish their performance uniform (hat excluded) and footwear.

The student will earn 1.0 local credit for completion of both fall and spring semesters.

06494 COLOR GUARD IV, 1/2 Credit

GPA Level: Regular

Grade Level(s): 12 Service ID: PES00012

Prerequisite(s): **One credit from COLORGUARD III; This is a list driven, limited enrollment course.**

The high school color guard is an auxiliary unit of the marching band consisting of flags and rifles. Emphasis is placed on physical conditioning, equipment handling and care, musical choreography and dance, creative self-expression through movement, the refinement of motor skills, and citizenship through group endeavors. During football season the color guard rehearses daily after school with the marching band and performs at all varsity football games and selected marching contests. Attendance at all rehearsals and performances is required. Pending local budget, students may be required to furnish their performance uniform (hat excluded) and footwear.

The student will earn 1.0 local credit for completion of both fall and spring semesters.

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

Service ID:

06455 DRILL I, 1 Credit

Grade Level(s): 9-12

03833300

Prerequisite(s): **Audition required**

This course prepares dance students for rehearsals and public performances as members of the campus extra-curricular drill team. Audition is required and students are placed in the appropriate drill group based on skill level and ability. Students will learn fundamental skills in several dance techniques: ballet, modern, jazz, tap, folk, character, and ethnic. In addition, course objectives will emphasize creative expression through movement, awareness of space, time, and energy in dance technique and improvisational studies; development of self-confidence through the use of the body as an expressive instrument; and appreciation of dance as an art form. Typically, fees are charged for some activities of the ensemble (uniform accessories, extracurricular travel expense, etc.).

The student will earn 0.5 PE substitution credit (fall semester) and 1.0 Fine Arts credit upon course completion.

06452 DRILL II, 1 Credit

GPA Level: Regular

Grade Level(s): 10-12

Service ID: 03833400

Prerequisite(s): **Audition required**

This course prepares dance students for rehearsals and public performances as members of the campus extra-curricular drill team. Audition is required and students are placed in the appropriate drill group based on skill level and ability. Students will learn fundamental skills in several dance techniques: ballet, modern, jazz, tap, folk, character, and ethnic. In addition, course objectives will emphasize creative expression through movement, awareness of space, time, and energy in dance technique and improvisational studies; development of self-confidence through the use of the body as an expressive instrument; and appreciation of dance as an art form. Typically, fees are charged for some activities of the ensemble (uniform accessories, extracurricular travel expense, etc.).

The student will earn 0.5 PE substitution credit (fall semester) and 1.0 Fine Arts credit upon course completion.

06453 DRILL III, 1 Credit

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 03833500

Prerequisite(s): **Audition required**

This course prepares dance students for rehearsals and public performances as members of the campus extra-curricular drill team. Audition is required and students are placed in the appropriate drill group based on skill level and ability. Students will learn fundamental skills in several dance techniques: ballet, modern, jazz, tap, folk, character, and ethnic. In addition, course objectives will emphasize creative expression through movement, awareness of space, time, and energy in dance technique and improvisational studies; development of self-confidence through the use of the body as an expressive instrument; and appreciation of dance as an art form. Typically, fees are charged for some activities of the ensemble (uniform accessories, extracurricular travel expense, etc.).

06454 DRILL IV, 1 Credit

GPA Level: Regular

Grade Level(s): 12

Service ID: 03833600

Prerequisite(s): **Audition required**

This course prepares dance students for rehearsals and public performances as members of the campus extra-curricular drill team. Audition is required and students are placed in the appropriate drill group based on skill level and ability. Students will learn fundamental skills in several dance techniques: ballet, modern, jazz, tap, folk, character, and ethnic. In addition, course objectives will emphasize creative expression through movement, awareness of space, time, and energy in dance technique and improvisational studies; development of self-confidence through the use of the body as an expressive instrument; and appreciation of dance as an art form. Typically, fees are charged for some activities of the ensemble (uniform accessories, extracurricular travel expense, etc.).

06511 DRILL JV I, 1 Credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03833300

Prerequisite(s): **Audition Required**

This course prepares dance students for rehearsals and public performances as members of the campus extra-curricular drill team. Audition is required and students are placed in the appropriate drill group based on skill level and ability. Students will learn fundamental skills in several dance techniques: ballet, modern, jazz, tap, folk, character, and ethnic. In addition, course objectives will emphasize

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

06164 GIRLS BASKETBALL I, 1 credit

Service ID:

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00000

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06165 GIRLS BASKETBALL II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00001

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06166 GIRLS BASKETBALL III, 1 credit

Grade Level(s): 9-12 PES00002

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06167 GIRLS BASKETBALL IV, 1 credit

Grade Level(s): 9-12 Service ID: PES00003

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06407 GIRLS CROSS COUNTRY I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00000

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06408 GIRLS CROSS COUNTRY II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00001

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06409 GIRLS CROSS COUNTRY III, 1 credit

GPA Level: Regular

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

Service ID:

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GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00002

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06410 GIRLS CROSS COUNTRY IV, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00003

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06287 GIRLS GOLF I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00000

Prerequisite(s): **Coach's approval; Prior experience preferred and must provide own equipment**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

Service ID:

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GPA Level: Regular

06288 GIRLS GOLF II, 1 credit

Grade Level(s): 9-12 Service ID: PES00001

Prerequisite(s): **Coach's approval; Prior experience preferred and must provide own equipment**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06289 GIRLS GOLF III, 1 credit

Grade Level(s): 9-12 Service ID: PES00002

Prerequisite(s): **Coach's approval; Prior experience preferred and must provide own equipment**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06290 GIRLS GOLF IV, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00003

Prerequisite(s): **Coach's approval; Prior experience preferred and must provide own equipment**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06223 GIRLS SOCCER I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00000

Prerequisite(s): **Coach's approval; Prior participation in an organized soccer league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports.

06224 GIRLS SOCCER II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00001

Prerequisite(s): **Coach's approval; Prior participation in an organized soccer league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports.

06225 GIRLS SOCCER III, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00002

Prerequisite(s): **Coach's approval; Prior participation in an organized soccer league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports.

06226 GIRLS SOCCER IV, 1 credit

GPA Level: Regular

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

Service ID:

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GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00003

Prerequisite(s): **Coach's approval; Prior participation in an organized soccer league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports.

06247 GIRLS SOFTBALL I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00000

Prerequisite(s): **Coach's approval; Prior participation in an organized softball league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06248 GIRLS SOFTBALL II, 1 credit

Grade Level(s): 9-12 PES00001

Prerequisite(s): **Coach's approval; Prior participation in an organized softball league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06249 GIRLS SOFTBALL III, 1 credit

Grade Level(s): 9-12 Service ID: PES00002

Prerequisite(s): **Coach's approval; Prior participation in an organized softball league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06250 GIRLS SOFTBALL IV, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00003

Prerequisite(s): **Coach's approval; Prior participation in an organized softball league**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06357 GIRLS SWIMMING I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00000

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06358 GIRLS SWIMMING II, 1 credit

GPA Level: Regular

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

Service ID:

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GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00001

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06359 GIRLS SWIMMING III, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00002

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06360 GIRLS SWIMMING IV, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00003

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06347 GIRLS TRACK I, 1 credit

Grade Level(s): 9-12 PES00000

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06348 GIRLS TRACK II, 1 credit

Grade Level(s): 9-12 Service ID: PES00001

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06349 GIRLS TRACK III, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00002

Prerequisite(s): **Coach's approval**

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

Service ID:

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GPA Level: Regular

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06350 GIRLS TRACK IV, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00003

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06387 GIRLS VOLLEYBALL I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00000

Prerequisite(s): **Coach's approval; Pre-school summer tryout**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06388 GIRLS VOLLEYBALL II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00001

Prerequisite(s): **Coach's approval; Pre-school summer tryout**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06389 GIRLS VOLLEYBALL III, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00002

Prerequisite(s): **Coach's approval; Pre-school summer tryout**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06390 GIRLS VOLLEYBALL IV, 1 credit

Grade Level(s): 9-12 PES00003

Prerequisite(s): **Coach's approval; Pre-school summer tryout**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

Service ID:

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GPA Level: Regular

06083 PE BOYS, 1 credit

Grade Level(s): 9-12 Service ID: PES00055

Prerequisite(s): **None**

Students in the physical education class will be participating in a variety of sports that can be pursued for a lifetime. Continued development of health-related fitness and the selection of individual sport activities that are enjoyable is a major objective of this course. A \$3.00 laundry and usage fee will be assessed each semester.

GPA Level: Regular

06063 PE GIRLS, 1 credit

Grade Level(s): 9-12 Service ID: PES00055

Prerequisite(s): **None**

Students in the physical education class will be participating in a variety of sports that can be pursued for a lifetime. Continued development of health-related fitness and the selection of individual sport activities that are enjoyable is a major objective of this course. A \$3.00 laundry and usage fee will be assessed each semester.

GPA Level: Regular

06864 ROTC I, 1 credit

Grade Level(s): 9-12 Service ID: PES00004

Satisfies P.E. Requirement

Prerequisite(s): **None**

MCJROTC is a leadership course that is based upon the tenets of Marine Corps leadership. The curriculum is designed to teach and develop a sense of responsibility, loyalty, discipline and character in the Cadets. Throughout the four years of the program, the Leadership Education curriculum is presented by way of five different categories of instruction. Those categories are: (1) Leadership. (2) Citizenship. (3) Personal growth and responsibility. (4) Public Service and Career Exploration. (5) General military subjects. Emphasis is placed on developing leadership skills that will assist the students throughout life. While the student does not have an obligation to join any of the military services, a student presenting evidence of successful completion of at least two academic years of MCJROTC is entitled to advance promotion to the grade of no less than E-2 on initial enlistment in an active or reserve component of the military. After school activities are also available (Drill Team, Color Guard, Rifle Team, field trips, community service etc).

REQUIRED STANDARDS: Students desiring to become and remain Cadets must maintain acceptable standards of school academics, discipline and conform to Marine Corps grooming/uniform standards while in uniform and during other designated events.

MJROTC standards include, but are not limited to, the following:

1. Males: Haircut: "0" in length on the sides/back evenly graduated to the top with no longer than 3 inches on top. Mustache if worn cannot fall below the lip and cannot go past the corner of the mouth. Must be clean shaven.
2. Females: Short hair must be not more than 1 inch from scalp and shortest hair ¼ inch medium hair length must be no longer than the bottom of the collar and no more than 1 inch difference from the front to back. Long hair must be worn in an updo no more than 3 inches thick and no wider than the width of the head.
3. All Cadets: No eccentric hair styles, colored hair, visible piercings etc.
4. All Cadets: Wear the designated uniform provided by MJROTC once week
5. All Cadets: Participate in drill and physical fitness during the academic week Students who do not conform to these standards will be dropped from the program by the Senior Marine Instructor.

09823 SPORTS MEDICINE I, 1 Credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: n1150040

State Elective Credit

Prerequisite(s):

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

Service ID:

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GPA Level: Regular

This course provides an opportunity for the study and application of the components of sports medicine including sports medicine, concepts of sports injury, athletic healthcare team, sports injury law, sports injury prevention, sports psychology, nutrition, recognition of injuries, emergency action plan and initial injury evaluation, first aid/CPR/AED, the injury process, immediate care of athletic injuries of specific body areas, skin conditions in sports, blood borne pathogens, thermal injuries, and special medical concerns of the adolescent athlete.

* Student will receive state elective credit upon completion of course.

ATHLETICS & PHYSICAL EDUCATION

GPA Level: Regular

Service ID:

09833 SPORTS MEDICINE II, 1
credit

Grade Level(s): 9-12

Prerequisite(s): **Course Application**

N1150041

State Elective Credit

Student internship works in the training room setting. This course will further the student's ability to recognize, treat, and rehabilitate athletic injuries. Students will be required to attend after-school activities including practices and games under the supervision of a certified athletic trainer. In addition, students will have a research project involving a specific injury assigned by the teacher. Students develop advanced clinical skills necessary for employment in the health care industry or continued education.

* **Student will receive state elective credit upon completion of course.**

06327 TENNIS I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: PES00000

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06328 TENNIS II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: PES00001

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06329 TENNIS III, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: PES00002

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

06330 TENNIS IV, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: PES00003

Prerequisite(s): **Coach's approval**

These courses are designed to develop strength, agility, and endurance through competition in a variety of sports. Squad number limitations in athletics and cheerleading may require students to tryout and earn a position on a team before being scheduled in an athletic period. Incoming 9th grade students who do not have UIL physicals or parent's acknowledgement form turned in to athletic trainer by August 1 will be placed in regular P.E. class prior to school starting.

09777 AC/DC ELECTRONICS, 1 credit

Grade Level(s): 9-12

13036800

Prerequisite(s): **None**

Service ID:

Endorsement/Career Cluster: STEM / STEM

Students will demonstrate knowledge and applications of circuits, electronic measurement, and electronic implementation. Through use of the design process, students will transfer academic skills to component designs in a project-based environment. Students will use a variety of computer hardware and software applications to complete assignments and projects. Additionally, students will explore career opportunities, employer expectations, and educational needs in the electronics industry.

09740 ACCOUNTING I - GCM Only, 1 credit

GPA Level: Regular

Grade Level(s): 10-12 Service ID: 13016600

Prerequisite(s): **Principles of Business, Marketing, and Finance**

Endorsement/Career Cluster: Business & Industry/ Business, Marketing & Finance

This course introduces the basic principles of accounting theory and practice. Primary areas of study include special journals, the accounting cycle, preparing payroll records, recording sales and cash receipts, debit and credit theory, and preparation of financial statements. This course will give students a basic understanding of applications of accounting and will prepare them for advanced accounting courses in high school and college.

09741 ACCOUNTING II - GCM Only, 1 credit

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13016700

Prerequisite(s): **Accounting I**

Endorsement/Career Cluster: Business & Industry/Business, Marketing & Finance, Advanced CTE Credit

Industry Certifications: QuickBooks

This course is a more in-depth study of the theories and principles of accounting. More emphasis is placed on the accounting cycle, accounting for sole owners, partnerships, and corporations. It will also focus on depreciation, taxes, cost accounting, and payroll. Recommended for students who plan to major in accounting or business in college and/or seek entry level office jobs upon graduation.

CSME 2401 ADV HAIRCUTTING & RELATED THEORY (III-B) REL ONLY, 1 credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13025300

Prerequisite(s): **CSME 1505, CSME 1254, CSME 1410 and CSME 1453 or High School Equivalents**

Endorsement/Career Cluster: Public Services/Human Services, Advanced CTE Credit

This course is designed to provide students with job-specific training that will prepare them to become a licensed cosmetologist. This course presents the theory, practice, and chemistry of hair color. Topics include terminology, application, and work place competencies related to hair color. course theory, advanced practical application skills, the continual study for the state board exam (which includes a written and practical examination), employability skills, job opportunities and job applications.

Licensing Fees: \$122 State exam fee (\$50-written / \$72-practical) (reimbursable upon successful completion of exams, submission of all receipts, and license certification) \$25 Student Permit, Cost of Manikins.

09702 ADVANCED ANIMAL SCIENCE, 1 credit

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13000700

Satisfies Science Requirement

Prerequisite(s): **Equine Science, Livestock Production, or Small Animal Management, & Biology, Chemistry or IPC, & Algebra I & Geometry**

Endorsement/Career Cluster: Business & Industry/Ag, Food, & Natural Resources, Advanced CTE Credit

Students will develop and investigate the scientific and technological dimensions of scientific animal agriculture, genetics and reproduction, anatomy and physiology of various livestock species, nutritional requirements, and disease and parasites of livestock. This class is recommended for those students with an interest in Veterinary Science.

19707 ADVANCED FLORAL DESIGN - GCM Only, 1 credit

Grade Level(s): 10-12 Service ID: N1300270

Prerequisite(s): **Floral Design**

Endorsement/Career Cluster: Business & Industry/Ag, Food, & Natural Resources, Advanced CTE Credit

Industry Certifications: Texas State Floral Association

In Advanced Floral Design, students gain advanced knowledge and skills specifically needed to enter the workforce as floral designers or as freelance floral event designers, with an emphasis on specialty designs and occasion-specific designs and planning. Students are also prepared to enter postsecondary certification or degree programs in floral design or special events design. Students build on the knowledge base from Principles and Elements of Floral Design and are introduced to more advanced floral design concepts. In addition, students gain knowledge of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of an occasion or event.

A \$30 course fee will be assessed each semester.

19715 AGRICULTURAL EQUIPMENT DESIGN & FABRICATION, 1 credit

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13002350

Prerequisite(s): **Agricultural Structure Design & Fabrication**

Endorsement/Career Cluster: Business & Industry/Ag, Food & Natural Resources, Advanced CTE Credit

In Agricultural Equipment Design and Fabrication, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment.

09705 AGRICULTURAL MECHANICS & METAL TECHNOLOGIES, 1 credit

GPA Level: Regular

Grade Level(s): 10-12 Service ID: 13002200

Prerequisite(s): **None**

Endorsement/Career Cluster: Business & Industry/ Ag, Food, & Natural Resources

Industry Certification: NCCER Core

This course is designed to introduce basic theory and specialized skill in agricultural fabrication. Skills to be developed include tool identification and safe use, carpentry, electricity, plumbing, masonry, fencing, painting metal working and welding processes.

09714 AGRICULTURAL STRUCTURES DESIGN & FABRICATION, 1 credit

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13002300

Prerequisite(s): **Agricultural Mechanics & Metal Fabrication**

Endorsement/Career Cluster: Business & Industry/Ag, Food, & Natural Resources, Advanced CTE Credit

Industry Certification: NCCER Core

To be prepared for career in mechanized agricultural systems, the student will demonstrate principles of facilities design and design and fabrication related to agricultural structures. This class is designed as a project-based class in which students design and fabricate agriculture structures and buildings (ex. Trailer systems, basic farm projects).

Service ID:

08833 ANATOMY & PHYSIOLOGY, 1 credit

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 13020600

Science Credit

Prerequisite(s): **Biology and a Second Science**

Endorsement/Career Cluster: Public Services/Health Science, Advanced CTE Credit

Anatomy and Physiology studies the human body from two aspects. First, students will learn proper anatomical terminology and location of body parts. Second, students will study the function of each system from the cellular level through tissues and the organs involved. During this course of study, students will use microscopes, dissecting tools and basic chemistry to study the workings of the organs, tissues and cells of the human body. This course is a great college prep class for any student interested in furthering their education in the field of medicine.

CAREER & TECHNICAL EDUCATION

01773 AP COMPUTER SCIENCE PRINCIPLES, 1 Credit

GPA Level: Advanced Placement

Grade Level(s): 10-12

Service ID: A3580100

**Satisfies 4th Math Credit
Satisfies Technology Requirement**

Prerequisite(s): **Algebra I (Note: AP Computer Science course builds upon a foundation of mathematical reasoning that should be acquired before attempting such a course.)**

Computer Science I-AP involves the understanding of programming language concepts and how they are applied in problem solving. Computer Science 1-AP is a course covering problem solving, computer architecture, and programming concepts. This knowledge helps students understand how software is written, which increases the student's ability to learn application software through understanding of the basic concepts. This course covers advanced programming concepts which are useful in preparation of the Computer Science Advanced Placement (AP) tests. Studies include communications application and programming applications, specifically JAVA.

INTC 1343 APPLICATION OF INDUSTRIAL AUTOMATIC CONTROL, ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12

Service ID: 13036900

Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog**

A study of automatic process control including measuring devices, analog and digital instrumentation, signal transmitters, recorders, alarms, controllers, control valves, and process and instrument drawings. Includes connection and troubleshooting of loops. The study begins with ISA, electrical, and process symbology. Course addresses the engineering package which may include such documents as P&IDs, loop diagrams, sketches, spec sheets, bills of materials, and simplified flow diagrams. The course includes basic sketching techniques. Lecture Hrs = 3, Lab Hrs

SCIT 1414 APPLIED GENERAL CHEMISTRY, ½ credit

GPA Level: Dual Credit

Grade Level(s): 9-12

Service ID: 13037200

Prerequisite(s): **ENRD 401 or equivalent, MATH 310/MABR 310 or equivalent**

Applications of general chemistry emphasizing industry related laboratory skills and competencies including laboratory safety and report writing. Addresses supporting chemical theories including atomic and molecular structure, nomenclature, chemical reactivity, gas laws, acids and bases, and solutions.

CTEC 1401 APPLIED PETROCHEM. TECH. (PRIN. OF TECH), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12

Service ID: 13037100

Science Credit

Prerequisite(s): **80 in one credit of Chemistry & Algebra I, TECM 1341 and Meet Dual Credit Requirements. See Lee College's Course Catalog.**

Endorsement/Career Cluster: STEM / STEM, Advanced CTE Credit

Special Note: Students may not get credit for this course and for physics. They may only take one or the other.

This course is taught at Lee College as part of the Instrumentation Technology – IR1, Certificate of Completion. Instruction is in the basic principles of physics and their application to process facilities. Topics include physical laws and properties and how these relate to the operations process. Students are encouraged to also take dual credit academics and/or Independent Studies in Math (TECM 1341 and 1349) in order to gain additional credit toward the Instrumentation Technology A.A.S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

SCIT 1418 APPLIED PHYSICS, ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12

Service ID: 13037210

Prerequisite(s): **ENRD 401 or equivalent; MATH 310 or equivalent**

Introduction to physics for industrial applications including vectors, motion, mechanics, simple machines, matter, heat, and thermodynamics.

CSME 1254 ARTISTRY OF HAIR DESIGN I (I-B) REL ONLY, 1 credit

GPA Level: Dual Credit

Grade Level(s): 10-12

Service ID: 13025100

Prerequisite(s): **Course Application**

CAREER & TECHNICAL EDUCATION

Endorsement/Career Cluster: Public Services/Human Services

Introduction to Cosmetology is a very basic cosmetology class that introduces students to careers and basic knowledge of careers in the cosmetology arena. It focuses on teaching students employability skills, soft skills, state rules and regulations, department rules and regulations, salon infection control, braiding, up do's, manicuring, pedicuring, and basic haircutting.

Licensing Fees: \$122 State exam fee (\$50-written / \$72-practical) (reimbursable upon successful completion of exams, submission of all receipts, and license certification) \$25 Student Permit, Cost of Manikins.

CSME 1255 ARTISTRY OF HAIR DESIGN II (III-B) REL ONLY, 1 credit

GPA Level: Dual Credit

Grade Level(s): 11-12

Service ID: 13025300

Prerequisite(s): **CSME 1505, CSME 1254, CSME 1410 and CSME 1453 or High School Equivalents**

Endorsement/Career Cluster: Public Services/Human Services, Advanced CTE Credit

This course is designed to provide students with job-specific training that will prepare them to become a licensed cosmetologist.

Advanced Cosmetology focuses on advanced course theory, advanced practical application skills, the continual study for the state board exam (which includes a written and practical examination), employability skills, job opportunities and job applications.

Licensing Fees: \$122 State exam fee (\$50-written / \$72-practical) (reimbursable upon successful completion of exams, submission of all receipts, and license certification) \$25 Student Permit, Cost of Manikins.

19000 AUDIO/VIDEO PRODUCTION I & AUDIO/VIDEO LAB (SCC), 2 credits

GPA Level: Regular

Grade Level(s): 10-12

Service ID: 13008510

Prerequisite(s): **Course Application**

Endorsement/Career Cluster: Business & Industry/Arts, A/V Technology, & Comm.

Audio/Video Production is an introduction and overview of the visual and audio media world. Students learn the fundamentals of video, film style and audio production using professional equipment and software. Students gain knowledge and experience through extensive hands-on assignments involving video cameras, video and audio editing, directing, video graphics, writing, producing studio and location productions, pre-production, production and post-production. Students have the opportunity to work outside the classroom in paying jobs such as part of the video crew for the video board at Stallworth Stadium.

19008 AUDIO/VIDEO PRODUCTION II AUDIO PROD. II LAB (SCC), 2 credits

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 13008610

Prerequisite(s): **Course Application; Audio/Video Production I**

Endorsement/Career Cluster: Business & Industry/ Arts, A/V Technology, & Comm., Advanced CTE Credit

Audio Video Production II is designed and structured to work as an open and largely self-directed lab course that allows students to expand and deepen the skills they learned in Audio Video Production. After learning the basic foundations in Audio/Video Production, students who advance to Audio/Video Production II are able to concentrate on the areas of their greatest interest, such as videography, video/film editing, audio recording, audio mixing, sound reinforcement, sound design, visual design, dialog editing, lighting, video engineering, script writing, directing, producing, still or animated computer graphics, special effects. Students have the opportunity to work outside the classroom in paying jobs such as part of the video crew for the video board at Stallworth Stadium as well as other audio/video production internships.

S09784 AUTOMOTIVE TECH II: AUTOMOTIVE SERVICE (SCC-AFTER SCHOOL), 2 credits

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 13039700

CLASS MEETS M-TH 4:00-6:00

Prerequisite(s): **Course Application and Automotive Technology I: Maintenance & Light Repair**

Endorsement/Career Cluster: Business & Industry/Transportation, Advanced CTE Credit

Industry Certification: SP/2 Safety Certification; ASE Student Certifications

CAREER & TECHNICAL EDUCATION

This course prepares students to enter the job market or post-secondary education with entry level skills in the automotive field. Cooperative training with local employers is available. This hands-on course teaches automotive skills such as diagnosing on-board computer problems related to the check engine light, and ABS systems, computerized front end alignment and tire and wheel balancing for new low profile tires and rims. End of course exams will prepare students to earn ASE certification.
S09783 AUTOMOTIVE TECHNOLOGY I: M&LR (SCC-AFTER SCHOOL), 2 credits GPA Level: Regular

Grade Level(s): 10-12 Service ID: 13039600 **CLASS MEETS M-TH 4:00-6:00**
Prerequisite(s): **Course Application**

Endorsement/Career Cluster: Business & Industry/Transportation

Industry Certification: SP/2 Safety Certification; ASE Student Certifications

The Automotive Industry is one of the fastest growing high tech, top paying careers in the country for motivated men and women. This NATEF (National Automotive Training and Education Foundation) certified program teaches entry-level employment skills in the four core ASE areas Brakes, Steering and Suspension, Electrical and Electronics, and Engine Performance. This fast paced industry offers many different career opportunities in a shop or in an office environment. Classes are taught through computer-based theory and hands-on live work in the shop. Like to work with your hands using tools and high tech equipment fixing today's complex automobiles? Then this is class for you!

09797 BIOMEDICAL INNOVATION (PLTW) (RSS), 1 credit GPA Level: Pre-AP

Grade Level(s): 12 Service ID: N1302095
Prerequisite(s): **Medical Interventions**

Endorsement/Career Cluster: Public Service/STEM, Advanced CTE Credit

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology.

SPCH 1321 BUS. & PROF. SPEECH (PROFESSIONAL COMMUNICATIONS), ½ credit GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13009900
Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: Business & Industry/Arts, A/V Technology & Communications

Business and Professional Communication applies the techniques of oral communication to business and professional settings that people might encounter in business situations. Discussion and practical application include methods and theory, problem-solving, research, organization, and presentation of speeches, trends in media and interviewing.

BCIS 1305 BUSINESS COMPUTER APPL. (BUSI INF MGMT), ½ credit GPA Level: Dual Credit

Grade Level(s): 10-12 Service ID: 13011400 **Satisfies Technology Requirement**
Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog**

This course discusses computer terminology, hardware, software, operating systems, and information systems relating to the business environment. The main focus of this course is on business applications of software, including word processing spreadsheets, databases, presentation graphics, and business-oriented utilization of the Internet.

09731 BUSINESS INFORMATION MANAGEMENT I, 1 credit GPA Level: Regular

Grade Level(s): 9-12 Service ID: 13011400 **Satisfies Technology Requirement**
Prerequisite(s): **None**

Industry Certification: Microsoft Office Specialist

This course develops technology skills with applications to personal, college, and business situations focusing on the Microsoft Office Suite – Word, Excel, PowerPoint, and Access. In addition, students gain knowledge of telecommunications, desktop publishing,

CAREER & TECHNICAL EDUCATION

presentation management, and emerging technologies. Skills are developed in order to prepare students for the MOS (Microsoft Office Specialist) certification exams.

09732 BUSINESS INFORMATION MANAGEMENT II, 1 credit

GPA Level: Regular

Grade Level(s): 10-12

Service ID: 13011500

Satisfies Technology Requirement

Prerequisite(s): **Business Information Management I**

Industry Certification: Microsoft Office Expert

This rigorous, fast-paced course builds on technology skills developed in Business Information Management with applications to personal, college, and business situations focusing on the Microsoft Office Suite – Word, Excel, PowerPoint, and Access with the intent of earning industry certifications. In addition, students gain knowledge of desktop publishing, presentation management, and emerging technologies. Skills are developed in order to prepare students for the MOS (Microsoft Office Specialist) certification exam.

CAREER & TECHNICAL EDUCATION

19734 BUSINESS LAW, 1 credit

GPA Level: Regular

Grade Level(s): 10-12

Service ID: 13011700

Prerequisite(s): **None**

Endorsement/Career Cluster: Business & Industry/Business, Marketing & Finance

Students analyze the evolution and development of laws that govern business in our society. Students apply technical skills to address business applications of contemporary legal issues and analyze the social responsibility of business and industry.

09733 BUSINESS MANAGEMENT, 1 credit

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 13012100

Prerequisite(s): **Business Law or Accounting I**

Endorsement/Career Cluster: Business & Industry/Business, Marketing & Finance, Advanced CTE Credit

Students will study the legal, managerial, financial, ethical, and international dimensions of business to make appropriate management decisions.

09775 CAREER PREPARATION I, 3 credits

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 12701305

Prerequisite(s): **Social Security Card or Work Permit; Paid Employment of 15+ hours/week; Transportation; 16 years old**

In this class students will have an opportunity to earn high school credit for the job they already have! Students will work at a local business and apply job-specific skills while learning job interview techniques, communication skills, human relation skills, financial and budget planning, and portfolio development during one class period. Students may have up to 2 classes of release time to go to work each afternoon, but must have their own transportation to leave campus.

09776 CAREER PREPARATION II, 3 credits

GPA Level: Regular

Grade Level(s): 12

Service ID: 12701405

Prerequisite(s): **Social Security Card or Work Permit; Paid Employment of 15+ hours/week; Transportation; 16 years old**

In this class students will have an opportunity to earn high school credit for the job they already have! Students will work at a local business and apply job-specific skills while learning job interview techniques, communication skills, human relation skills, financial and budget planning, and portfolio development during one class period. Students may have up to 2 classes of release time to go to work each afternoon, but must have their own transportation to leave campus.

CSME 1453 CHEM REFORM & RELATED THEORY (II-B) REL ONLY, 1 credit

GPA Level: Dual Credit

Grade Level(s): 10-12

Service ID: 13025200

Prerequisite(s): **CSME 1505 and CSME 1254**

Endorsement/Career Cluster: Public Services/Human Services

Cosmetology is a 2 period course that covers all basic knowledge and skills to include salon infection control, employability skills, soft skills, manicuring, pedicuring, haircutting, hair artistry, and chemical texturizing.

Licensing Fees: \$122 State exam fee (\$50-written / \$72-practical) (reimbursable upon successful completion of exams, submission of all receipts, and license certification) \$25 Student Permit, Cost of Manikins.

09748 CHILD DEVELOPMENT, 1 credit

GPA Level: Regular

Grade Level(s): 10-12

Service ID: 13024700

Prerequisite(s): **None**

CAREER & TECHNICAL EDUCATION

Endorsement/Career Cluster: Public Services/Human Services

Students will learn how, when, and why children do what they do. Topics covered include pregnancy and prenatal care, heredity vs. environment, the process of labor & delivery, newborn care and mothering a newborn, growth and development of toddlers, preschoolers, and school-age children, keeping kids safe and healthy, child abuse and careers in child developmental fields. Students will have the opportunity to experience the "Real Baby Program" in which students will "parent" a mechanical baby along with the "empathy belly", which simulates pregnancy.

PHYS 1401 COLLEGE PHYS I: MECHANICS & HEAT (SC RES. & DESIGN I), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13037220 **Science Credit**

Prerequisite(s): **Algebra II or concurrent enrollment, BIO, CHEM, IPC, PHY.; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Study of principles and applications of concepts in mechanics, energy, heat, wave motion, and sound. Students must complete an individual project with a high school mentor and present their findings to a panel of professionals to earn high school credit.

PHYS 1402 COLLEGE PHYS II: SOUND, ELEC, ETC. (SC. RES. & DESIGN I), .5 credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13037220 **Science Credit**

Prerequisite(s): **Physics 1401, BIO, CHEM, IPC, PHY; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Study of principles and applications of concepts in electricity and magnetism, geometric and physical optics, and modern physics.

09785 COLLISION REPAIR (SCC), 2 credits

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13039800

Prerequisite(s): **Course Application**

Endorsement/Career Cluster: Business & Industry/Transportation

Collision Repair and Refinishing is designed to provide job-specific training for entry-level employment in the field of collision repair and refinishing. Instruction emphasizes sheet metal straightening, metal finishing, plastic body filler, mixing, application and sanding. It also includes repair procedures for synthetic materials, GMA welding, and surface preparation for refinishing. Mixing and applying primers, sealers, basecoat, clearcoat, polyurethane enamels, plus environmental issues, safety and career opportunities will also be covered.

09800 COMMERCIAL PHOTOGRAPHY I, 1 credit

GPA Level: Regular

Grade Level(s): 10-12 Service ID: 13009100

Prerequisite(s):

Endorsement/Career Cluster: Business & Industry/ Arts, A/V Technology, & Comm.

Introduction to commercial digital photography. This course will cover basic concepts for purchasing a digital camera, image capture, image editing, and image output. This course enables students to use and understand all the skills and techniques required to advance in the Arts, AV & Communications fields.

09759 COMPUTER MAINTENANCE & COMP. MAINT. LAB (SCC), 2 credits

GPA Level: Regular

Grade Level(s): 10-12 Service ID: 13027310

Prerequisite(s): **Course Application**

Endorsement/Career Cluster: Business & Industry/Information Technology

Industry Certification: Test Out Pro

Students will learn the knowledge and skills necessary to build, maintain, repair, and upgrade computers in a modern networked environment. Computer Maintenance Technology is the foundation course for all computer technicians. The training in this classroom is non-manufacturer specific and provides students with the information and skills necessary to take the A+ certification exam. Students will learn in a classroom environment with application skills taught in a state-of-the-art, networked, multi-purposed computer lab.

CAREER & TECHNICAL EDUCATION

09757 COMPUTER PROGRAMMING I, 1 credit

GPA Level: Regular

Grade Level(s): 10-12

Service ID: 13027600

Satisfies Technology Requirement

Prerequisite(s): **Business Information Management I & Algebra I**

Endorsement/Career Cluster: Business & Industry/Information Technology

Computer programming involves the understanding of programming language concepts and how they are applied in problem solving. This course also covers problem solving, computer architecture, and programming concepts. This knowledge helps students understand how software is written and increases the student's ability to learn application software through the understanding of the basic concepts.

09758 COMPUTER PROGRAMMING II, 1 credit

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 13027700

Prerequisite(s): **Computer Programming I**

Endorsement/Career Cluster: Business & Industry/ Information Technology, Advanced CTE Credit

Computer Programming II is a programming course designed to teach students the concepts needed to be successful in the computer science / software design industry. They will create and maintain large scale projects by applying the following skills/concepts: debugging, analysis and expansion of existing programs, abstract datatypes, mouse and keyboard input, file processing, audio processing and advanced graphics (2D and 3D). Students will learn to use more than just one language. They will be able to determine which language is best for solving various problems.

09760 COMPUTER TECHNICIAN PRACTICUM (SCC), 2 credits

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 13027500

Prerequisite(s): **Course Application and Computer Maintenance**

Endorsement/Career Cluster: Business & Industry/Information Technology, Advanced CTE Credit

Industry Certification: Test Out Pro

This course builds on the knowledge and skills developed in Computer Maintenance. Students will continue to advance in computer knowledge and skills, leading to advanced troubleshooting skills. Instruction includes electricity/electronic theory, computer systems, data-communications, digital electronics, installations, inspections, adjustments, troubleshooting, maintenance, and repair. Students will enhance their job-specific training for entry-level employment through work-based learning experiences in a wide variety of training environments. Individual transportation is recommended but not required.

A \$25.00 fee will be assessed.

ITCC 2413 CONNECTING NETWORKS (Networking/Networking Lab D), ½ credit

GPA Level: Dual Credit

Grade Level(s): 12

Service ID: 13027410

Prerequisite(s): **Computer Technician Practicum and Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: Business & Industry/Information Technology

This course discusses the Wide Area Network technologies and network services required by converged applications in a complex network. The course enables students to understand the selection criteria of network devices and Wide Area Network technologies to meet network requirements. Students learn how to configure and troubleshoot network devices and resolve common issues with data link protocols. Students will also develop the knowledge and skills needed to implement Internet Protocol Security and virtual private network (Virtual Private Network) operations in a complex network.

19720 CONSTRUCTION TECHNOLOGY I, 2 credit

GPA Level: Regular

Grade Level(s): 10-12

Service ID: 13005100

Prerequisite(s): **Principles of Construction**

Endorsement/Career Cluster: Business & Industry/Architecture & Construction, Advanced CTE Credit

Industry Certification: NCCER Core and NCCER Construction Technology

CAREER & TECHNICAL EDUCATION

In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance technicians or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing.

19004 CONSTRUCTION TECHNOLOGY II, 2 credits

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13005200

Prerequisite(s): **Construction Technology I**

Endorsement/Career Cluster: Business & Industry/ Architecture & Construction, Advanced CTE Credit

Industry Certification: NCCER Core and NCCER Construction Technology Level 1

In Construction Technology II, students will gain advanced knowledge and skills needed to enter the workforce as carpenters, building maintenance technicians or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will build on the knowledge base from Construction Technology I and are introduced to exterior and interior finish out skills.

LMGT 1340 CONTEMPORARY LOGISTICS (Distribution & Logistics), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13040470

Prerequisite(s): **80 or higher in Business Information Management I; Meet Dual Credit Requirements & See Lee College's Course Catalog; LMG 1319**

Endorsement/Career Cluster: Business & Industry/Transportation, Distribution & Logistics, Advanced CTE Credit

This course is taught at Lee College as part of the Logistics and Supply Chain Management Certificate of Completion and A.A.S. Instruction includes exploration of relevant and changing topics in the logistics management field. The course includes group projects, interaction with local industry, class lectures, and case studies. Students are encouraged to take academic dual credit courses when possible to earn additional credit towards the Logistics and Supply Chain Management A. A. S. and to complete BIM II, Principles of Business, and Business Management to earn additional articulated credits for Logistics and Supply Chain Management A.A.S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

S17003 CULINARY ARTS (SCC-AFTER SCHOOL), 2 credits

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13022600

CLASS MEETS M-TH 4:00 - 6:00

Prerequisite(s): **Course Application**

Endorsement/Career Cluster: Business & Industry/Hospitality & Tourism

Industry Certification: ServSafe

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification or other appropriate industry certifications. This course is offered as a laboratory-based course. Students who have taken Intro to Culinary Arts and Culinary Arts at GCM, RSS or REL must take Advanced Culinary Arts or Practicum in Culinary Arts at SCC next in their course sequence.

A one-time Food Handler Course fee of \$15.00 and a \$20.00 fee will be assessed.

09755 DIGITAL MEDIA, 1 credit

GPA Level: Regular

Grade Level(s): 10-12 Service ID: 13027800

Satisfies Technology Requirement

Prerequisite(s):

Endorsement/Career Cluster: Business & Industry/ Information Technology, Advanced CTE Credit

Are you creative? Do you like photo editing and drawing? Do you want to learn how to combine media applications to create real-world projects and prepare for a future in business? In this "hands-on" course, students will build on their basic computer skills using Adobe Suite designing and editing software to produce a variety of documents such as brochures, programs, flyers, posters, and magazine covers. Students will produce exciting projects that require using the latest industry led software programs and creating original design which will prepare them for the future.

CAREER & TECHNICAL EDUCATION

INTC 2459 DISTRIBUTED CONTROL SYSTEMS (II-B), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13037400

Prerequisite(s): **INTC 1441**

Endorsement/Career Cluster: STEM/STEM

Students in this Lee College course will learn the philosophy and application of distributed control systems. Includes hardware, firmware, software, configuration, communications, and networking systems required to implement a distributed control strategy.

LMGT 1323 DOM. & INTERN TRANS MANG, ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13040200

Prerequisite(s): **80 or higher in Business Information Management I; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: Business & Industry/Transportation, Distribution & Logistics

This course is taught at Lee College as part of the Logistics and Supply Chain Management Certificate of Completion and A. A. S. Instruction includes an overview of the principles and practices of transportation and its role in the distribution process. Emphasis is on the physical transportation systems involved in the U.S. as well as on global distribution systems. Topics include carrier responsibilities and services, freight classification, rates, tariffs, and public policy and regulations. Logistical geography and the development of skills that solve logistical transportation problems and issues are also taught. Students are encouraged to take academic dual credit courses when possible to earn additional credit towards the Logistics and Supply Chain Management A. A. S. and to complete BIM II, Principles of Business, and Business Management to earn additional articulated credits for Logistics and Supply Chain Management A.A.S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

LMGT 1345 ECONOMICS OF TRANSPORTATION AND DISTRIBUTION, .5 Credits

GPA Level: Dual Credit

Grade Level(s): 9-12 Service ID: 13040475

Prerequisite(s): **LMGT 1319**

Endorsement/Career Cluster: Business & Industry/Transportation, Distribution & Logistics

A study of the basic economic principles and concepts applicable to transportation and distribution.

19778 ENGINEER YOUR WORLD-EDPS (REL STEM ACADEMY ONLY), 1 credit

GPA Level: Pre-AP

Grade Level(s): 11-12 Service ID: 13037300

Science Credit

Prerequisite(s): **Geometry & Algebra I**

Endorsement/Career Cluster: STEM/STEM, Advanced CTE

Developed by a team of University of Texas faculty, NASA engineers, and secondary teachers working with funding from the National Science Foundation, *Engineer Your World* is an innovative, student-centered curriculum that engages learners in authentic engineering experiences and inspires them to embrace an engineer's habits of mind. Collaborative, student-directed projects build resilient problemsolving skills and empower students to think like engineers, to adopt engineering processes, and to pursue engineering disciplines for the betterment of our world.

09787 ENGINEERING DESIGN & DEVELOPMENT (PLTW), 1 credit

GPA Level: Pre-AP

Grade Level(s): 12 Service ID: 13036500

Prerequisite(s): **Environmental Sustainability or Computer Integrated Manufacturing**

Endorsement/Career Cluster: STEM / STEM, Advanced CTE Credit

The knowledge and skills students acquire throughout this Project Lead The Way Engineering come together in EDD as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing EDD ready to take on any postsecondary program or career.

09778 ENGINEERING DESIGN & PROBLEM SOLVING, 1 credit

GPA Level: Regular

CAREER & TECHNICAL EDUCATION

Grade Level(s): 11-12

Service ID: 13037300

Science Credit

Prerequisite(s): **Geometry & Algebra I**

Endorsement/Career Cluster: STEM/STEM, Advanced CTE

Are you interested in modern technology and engineering? This yearlong course focuses on the fundamentals of modern engineering and technology. Students will apply math, science and technology to engineering problems as well as develop computer skills. Students will be part of teams that work together to complete engineering projects. The engineering examples utilized in this course are based on representations of mechanical engineering, civil engineering, electrical engineering, aerospace engineering, and many other disciplines within the field of engineering. Upon completion of the course, students will have an understanding of how engineers design and build new technologies using math, science and ingenuity. Students unfamiliar with engineering will be exposed to a variety of career opportunities in related fields.

CAREER & TECHNICAL EDUCATION

GPA Level: Regular

Science Credit

09780 ENGINEERING SCIENCE, 1 credit

Grade Level(s): 11-12 Service ID: 13037500

Prerequisite(s): **Introduction to Engineering Design, Algebra I, Biology, Chemistry, IPC or Physics**

Endorsement/Career Cluster: STEM/STEM, Advanced CTE Credit

In this Project Lead the Way course, through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

09774 ENTREPRENEURSHIP, 1 credit

GPA Level: Regular

Grade Level(s): 10-12 Service ID: 13034400

Prerequisite(s): **Introduction to Culinary Arts**

Endorsement/Career Cluster: Business & Industry/Business, Marketing & Finance

Students will gain the knowledge and skills needed to become an entrepreneur in the hospitality industry. Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students understand the capital required, the return on investment desired, and the potential for profit.

A one-time Food Handler Course fee of \$15.00 and a \$20.00 fee will be assessed.

ENVR 1401 ENVIRONMENTAL SCIENCE I (SC RESEARCH & DESIGN I), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13037200

Science Credit

Prerequisite(s): **Biology, Chem, IPC or PHY; Meet Dual Credit Requirements & See Lee College's Course Catalog**

The goal of the Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The student will also study the diversity of life and the evidence for evolution through natural selection. Students must complete an individual project with a high school mentor and present their findings to a panel of professionals to earn high school credit

ENVR 1402 ENVIRONMENTAL SCIENCE II (SC RESEARCH & DESIGN I), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13037200

Science Credit

Prerequisite(s): **ENVR 1401, BIO, CHEM, IPC, PHY; Meet Dual Credit Requirements & See Lee College's Course Catalog**

The goal of the Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The student will also study the diversity of life and the evidence for evolution through natural selection. Students must complete an individual project with a high school mentor and present their findings to a panel of professionals to earn high school credit.

09792 ENVIRONMENTAL SUSTAINABILITY (PLTW), 1 credit

GPA Level: Pre-AP

Grade Level(s): 10-12 Service ID: N1303747

Prerequisite(s):

Endorsement/Career Cluster: STEM / STEM, Advanced CTE Credit

In Environmental Sustainability, students investigate and design solutions in response to real-world challenges related to clean and abundant drinking water, food supply, and renewable energy. Applying their knowledge through hands-on activities and simulations, students research and design potential solutions to these true-to-life challenges.

CAREER & TECHNICAL EDUCATION

GPA Level: Regular

09706 EQUINE SCIENCE, ½ credit

GPA Level: Regular

Grade Level(s): 10-12 Service ID: 13000500

Prerequisite(s): **None**

Endorsement/Career Cluster: Business & Industry/Ag, Food, & Natural Resources

This course is designed to develop knowledge and skills pertaining to the selection, nutrition, reproduction, health and management of horses, donkeys and mules. This course is recommended for those who have an interest in the Veterinary Science field.

09728 FASHION DESIGN I RSS & GCM ONLY, 1 credit

Grade Level(s): 10-12 Service ID: 13009300

Prerequisite(s): **None**

Endorsement/ Career Cluster Business & Industry/ Arts, A/V Technology & Communications

This course will focus on fashion designers and current fashion trends. By the end of the course, students will learn basic sewing skills and use the sewing machine to create personal clothing and home décor. Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of fashion and the textile and apparel industries.

19728 FASHION DESIGN II RSS & GCM ONLY, 1 credit

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13009400

Prerequisite(s): **Fashion Design I**

Endorsement/ Career Cluster Business & Industry/ Arts, A/V Technology & Communications, Advanced CTE Credit

This course builds on the fashion knowledge and skills learned in Fashion Design I. Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the fashion industry with an emphasis on design and construction.

A course fee of \$15 will be assessed.

INTC 2450 FIELDBUS PROCESS CONTROL SYSTEMS (II-A), ½ credit

GPA Level: Dual Credit

Grade Level(s): 9-12 Service ID: 13037400

Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: STEM/STEM, Advanced CTE

A comprehensive view of fieldbus systems using theory, applications, and hands-on experiences. Lecture Hrs = 3, Lab Hrs = 3

09707 FLORAL DESIGN, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 13001800

Satisfies Fine Arts Requirement

Prerequisite(s): **None**

Endorsement/Career Cluster: Business & Industry/Ag, Food, & Natural Resources

This course is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design and horticultural systems as well as develop an understanding of the management of floral business and other career opportunities. Skills in the design and arrangement of flowers, foliage and related plant materials which includes designs for homecoming, weddings and other special event arrangements are emphasized.

A fee of \$20.00 will be assessed each semester.

CAREER & TECHNICAL EDUCATION

GPA Level: Regular

19713 FOOD PROCESSING (Meats)/AG LAB & FIELD EXPERIENCE (SCC), 2 credits

Science Credit
GPA Level: Regular

Grade Level(s): 10-12 Service ID: 13001410

Prerequisite(s): **Course Application**

Endorsement/Career Cluster: Business & Industry/ Ag, Food, & Nat Resources

To be prepared for careers in food products and processing systems, students need to attain academic knowledge, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. This course focuses on the meat processing industry with special emphasis on the handling, processing, and marketing of meat products.

09700 FOOD SCIENCE, 1 credit

Grade Level(s): 11-12 Service ID: 13023000

Prerequisite(s): **3 Units of Science including Chemistry & Biology**

Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public. Students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving.

A \$20.00 fee will be assessed.

09795 FORENSIC SCIENCE, 1 credit

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13029500

Science Credit

Prerequisite(s): **Biology and Chemistry**

Endorsement/Career Cluster: Public Service/Law, Public Safety, Corrections & Security

Have you ever wondered how DNA connects a killer to a crime scene? In this course, students will learn forensic terminology and investigation procedures related to crime scenes. Students will also learn how to collect and analyze evidence, fingerprints, ballistic, blood spatters, toxicology and tire prints. This is a "hands-on" course for any student interested in law enforcement with a great deal of time spent in the field.

LMGT 1341 FREIGHT LOSS AND DAMAGE CLAIMS, ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13040470

Prerequisite(s): **ENRD 401 or equivalent**

Endorsement/Career Cluster: Business & Industry/Transportation, Distribution, & Logistics, Advanced CTE

An analysis of bill of lading contracts and liability for lost or damaged freight, including procedures for filing and documenting claims.

CSME 1505 FUNDAMENTALS OF COSMO (I-A) REL ONLY, 1 credit

GPA Level: Dual Credit

Grade Level(s): 10-12 Service ID: 13025050

Prerequisite(s): **Course Application**

Endorsement/Career Cluster: Public Services/Human Services

Introduction to Cosmetology is a very basic cosmetology class that introduces students to careers and basic knowledge of careers in the cosmetology arena. It focuses on teaching students employability skills, soft skills, state rules and regulations, department rules and regulations, salon infection control, braiding, up do's, manicuring, pedicuring, and basic haircutting.

Licensing Fees: \$122 State exam fee (\$50-written / \$72-practical) (reimbursable upon successful completion of exams, submission of all receipts, and license certification) \$25 Student Permit, Cost of Manikins.

ITNW 1351 FUNDAMENTALS OF WIRELESS LANs, ½ credit

GPA Level: Dual Credit

CAREER & TECHNICAL EDUCATION

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13027400

Prerequisite(s): **Pre/Corequisite: INTC 1441, ENRD 401 or equivalent**

Endorsement/Career Cluster: STEM/Information Technology, Advanced CTE

Design, plan, implement, operate, and troubleshoot Wireless Local Area Networks (WLANs). Includes WLAN design, installation, and configuration; and WLAN security issues and vendor interoperability strategies.

BIOL 1406 GENERAL BIOLOGY I (SCIENTIFIC RESEARCH & DESIGN I), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13037200

Science Credit

Prerequisite(s): **Biology, Chem, IPC or PHY, & See Lee College Course Catalog**

The student will study and describe the characteristics of life, identify basic requirements of life, structures of microorganisms, enzymes, viruses, cell membranes, genetic problems, and the synthesis and regulation of nucleic acids and proteins. The student will also study the diversity of life and the evidence for evolution through natural selection. Students must complete an individual project with a high school mentor and present their findings to a panel of professionals to earn high school credit.

CAREER & TECHNICAL EDUCATION

GPA Level: Dual Credit

Science Credit

BIOL 1407 GENERAL BIOLOGY II (SCIENTIFIC RESEARCH & DESIGN I), ½ credit

Grade Level(s): 11-12

Service ID: 13037200

Science Credit

Prerequisite(s): **Biology 1406, Chem, IPC or PHY; Meet Dual Credit Requirements & See Lee College's Course Catalog**

The student will study modern evolutionary synthesis, natural selection, population genetics, micro and macroevolution, and speciation. This course will also cover, phylogenetic relationships, classifications schemes, major phyla, physiology and homeostasis maintained by organ systems, sexual and asexual life cycles, and geologic changes, extinctions, and evolutionary trends. Students must complete an individual project with a high school mentor and present their findings to a panel of professionals to earn high school credit.

CHEM 1411 GENERAL CHEMISTRY I (SCIENTIFIC RESEARCH & DESIGN I), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12

Service ID: 13037210

Science Credit

Prerequisite(s): **Algebra II or concurrent enrollment, Bio, Chem, IPC, or PHY; Meet Dual Credit Requirements & See Lee College's Course Catalog**

The study of fundamental concepts and laws underlying chemistry, including states of matter. Atomic structure, periodic table, chemical bonding, chemical reactions, solutions, gas laws, properties of solids and liquids, qualitative and quantitative analysis including instrumental methods.

CHEM 1412 GENERAL CHEMISTRY II (SCIENTIFIC RESEARCH & DESIGN I), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12

Service ID: 13037210

Science Credit

Prerequisite(s): **Chem 1411, Bio, Chem, IPC or PHY**

A continuation of CHEM 1411. Study of equilibrium, oxidation-reduction reactions, electrochemistry, chemical thermodynamics, chemical kinetics, solutions, solubility of salts, acids and bases, properties of elements in the qualitative analysis of common cations and anions, and quantitative analysis including instrumental methods.

19009 GRAPHIC DESIGN & ILLUSTRATION 1 (YEARBOOK I), 1 credit

GPA Level: Regular

Grade Level(s): 10-12

Service ID: 13008800

Prerequisite(s): **Digital Media**

Endorsement/Career Cluster: Business & Industry/Arts A/V Technology & Communications

Do you like to take pictures and go to school events? Would like to put your stamp on something that will be seen by your friends and the whole school for generations to come? If you have what it takes, join the yearbook staff! Yearbook students will learn and apply the journalistic writing, editing, graphic design, desktop publishing, advertising and marketing skills required to produce a high school yearbook and/or digital newspaper as well as learn about careers directly related to Graphic Design. The yearbook staff has a unique opportunity to get a behind the scenes look at the school events, sports, clubs and organizations that make up the high school experience. This course requires a commitment to work routinely after school to meet deadlines, to promote the publication, and to cover extracurricular events.

39009 GRAPHIC DESIGN & ILLUSTRATION II (YEARBOOK II), 2 credits

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 13008910

Prerequisite(s): **Graphic Design & Illustration I (Yearbook I)**

Endorsement/Career Cluster: Business & Industry/AV, Arts & Communications, Advanced CTE Credit

Students will perfect the skills they learned in Yearbook I to take a leadership position on the Yearbook Staff. Elements of staff and publication management, supervisory skills, financial and production planning, and printing and imaging techniques are introduced. This course further develops skills in news judgment, fact gathering, journalistic writing, headline writing, caption writing, photography, layout, editing, advertising and marketing a product. Yearbook II students compete in local and state competitions. This course requires a commitment to work routinely after school to meet deadlines, to promote the publication, and to cover extracurricular events.

29003 HEALTH SCIENCE THEORY/HEALTH SCIENCE CLINICAL, 2 credits

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 13020410

Satisfies Health Requirement

CAREER & TECHNICAL EDUCATION

GPA Level: Dual Credit

Prerequisite(s): **Course Application; Biology & Principles of Health Science**

Endorsement/Career Cluster: Public Service/Health Science, Advanced CTE Credit

The Health Science Clinical course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. The student is expected to comply with specific industry standards related to safety and substance abuse and model industry expectations of professional conduct such as attendance, punctuality, personal appearance, hygiene, and time management. Students must be able to job shadow independently in medical environments.

Enrollment is limited and students are required to obtain vaccinations, flu shot, and drug testing (if required), to participate in this course. Course costs will vary based on course requirements. Approximate cost of uniform \$50.00.

BIOL 2401 HUMAN ANATOMY & PHYS I (ANAT & PHYS), ½ credit

Grade Level(s): 11-12 Service ID: 13020600

Prerequisite(s): **Biology and a 2nd Science; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: Public Service/Health Science

This course consists of the fundamentals of human anatomy and physiology with the emphasis on etiology and functions of anatomical systems. Laboratory includes dissection of a mammal, study of selected mammalian organs, histological studies, and physiological experiments.

BIOL 2402 HUMAN ANATOMY & PHYS II (ANAT & PHYS), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13020600

Science Credit

Prerequisite(s): **BIOL and a 2nd Science; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: Public Service/Health Science

This course consists of the fundamentals of human anatomy and physiology with the emphasis on etiology and functions of anatomical systems. Laboratory includes dissection of a mammal, study of selected mammalian organs, histological studies, and physiological experiments.

09790 HUMAN BODY SYSTEMS (PLTW) (RSS), 1 credit

GPA Level: Pre-AP

Grade Level(s): 10-12 Service ID: N1302093

Satisfies Health Requirement

Prerequisite(s): **Principles of Biomedical Science**

Endorsement/Career Cluster: Public Service/Health Science

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

09737 INSTRUCTIONAL PRACTICES, 2 credits

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13014400

Prerequisite(s): **Course Application and Principles of Education and Training**

Endorsement/Career Cluster: Public Services/Education & Training, Advanced CTE Credit

Students investigate teaching as a career by learning about the areas of teaching as a profession, communicating effectively, and creating an effective learning environment. They will apply skills as they rotate through different local Goose Creek CISD schools. Other topics covered during the school year include understanding the learner and the learning process, planning effective instruction and developing technology skills. Students enrolled in the course must pass a criminal history check to participate and be required to join Educators Rising, a student organization for aspiring teachers.

INTC 1456 INSTRUMENTATION CALIBRATION (I-B), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13037400

CAREER & TECHNICAL EDUCATION

GPA Level: Dual Credit

Science Credit

Prerequisite(s): **80 or higher in Algebra I & Geometry; IEIR 1302, & INTC 1312; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: STEM / STEM, Advanced CTE Credit

Instrumentation Calibration is taught at Lee College as part of the Instrumentation Technology – IR1, Certificate of Completion. It is a study of techniques for calibrating electronics and pneumatic transmitters, controllers, recorders, valves, and valve positioners including tear down, assembly, alignment, and calibration of equipment. Students are encouraged to also take dual credit academics, SPCH 1321 and/or Independent Studies in Math (TECM 1341 and 1349) in order to gain additional credit toward the Instrumentation Technology A.A.S. if that is the student's goal. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

INTC 1307 INSTRUMENTATION TEST EQUIP, ½ credit

Grade Level(s): 11-12 Service ID: 13036800

Prerequisite(s): **80 or higher in Algebra I & Geometry; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: STEM / STEM

Instrumentation Test Equipment is taught at Lee College as part of the Instrumentation Technology – IR1, Certificate of Completion. Instruction includes theory and application of instrumentation test equipment. The course emphasizes accuracy, limitations of instruments, and calibration techniques. Students are encouraged to also take dual credit academics and/or Independent Studies in Math (TECM 1341 and 1349) in order to gain additional credit toward the Instrumentation Technology A.A.S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

ITSC 1309 INTEG. SOFTWARE APPLIC I (BUS INF MGMT II), ½ credit

GPA Level: Dual Credit

Grade Level(s): 10-12 Service ID: 13011500

Satisfies Technology Requirement

Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog**

This Lee College course is an introduction to business productivity software suites using word processing, spreadsheets, databases, and/or presentation software. This course may not transfer to universities.

LMGT 2330 INTERN. LOG. MGMT, ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13040470

Prerequisite(s): **LMGT 1319; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: Business & Industry/Transportation, Distribution & Logistics, Advanced CTE Credit

This course is taught at Lee College as part of the Logistics and Supply Chain Management Certificate of Completion and A. A. S. Instruction includes identification of the principles and practices involved in international distribution systems including the multi-national corporation. Attention is given to global strategic planning, production, supply, manpower, labor, geography, business communication, cultural, political, and legal issues affecting global distribution and firm/host relationships will also be discussed. Students are encouraged to take academic dual credit courses when possible to earn additional credit towards the Logistics and Supply Chain Management A.A.S. and to complete BIM II, Principles of Business, and Business Management to earn additional articulated credits for Logistics and Supply Chain Management A.A.S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

LMGT 1319 INTRO TO BUS. LOGISTICS, ½ credit

GPA Level: Dual Credit

Grade Level(s): 10-12 Service ID: 13039250

Prerequisite(s): **80 or higher in Business Information Management I & Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: Business & Industry/Transportation, Distribution & Logistics

This course is taught at Lee College as part of the Logistics and Supply Chain Management Certificate of Completion. Instruction includes a systems approach to managing activities associated with traffic, transportation, inventory management and control, warehousing, packaging, order processing, and materials handling. Students are encouraged to take academic dual credit courses when

CAREER & TECHNICAL EDUCATION

GPA Level: Dual Credit

possible to earn additional credit towards the Logistics and Supply Chain Management A.A.S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

CSME 1410 INTRO TO HAIRCUTTING AND RELATED THEO (II-A) REL ONLY, 1 credit

GPA Level: Dual Credit

Grade Level(s): 11-12

Service ID: 13025200

Prerequisite(s): **CSME 1505 and CSME 1254**

Endorsement/Career Cluster: Public Services/Human Services

Cosmetology is a 2 hours course that covers all basic knowledge and skills to include salon infection control, employability skills, soft skills, manicuring, pedicuring, haircutting, hair artistry, and chemical texturizing.

Licensing Fees: \$122 State exam fee (\$50-written / \$72-practical) (reimbursable upon successful completion of exams, submission of all receipts, and license certification) \$25 Student Permit, Cost of Manikins.

CAREER & TECHNICAL EDUCATION

GPA Level: Dual Credit

PTAC 1302 INTRO TO PROCESS TECH, ½ credit

Grade Level(s): 11-12 Service ID: N1300262

Prerequisite(s): **80 or higher in Chemistry & Algebra; Meet Dual Credit Requirements & See Lee College's Course Catalog**
Endorsement/Career Cluster: Business & Industry/Manufacturing

This course is taught at Lee College as part of the Process Technology - PT1, Certificate of Completion Instruction includes an introduction to the processing industries. The course is a survey of all process courses in the program. Students are encouraged to also take dual credit academics, SPCH 1321 or Independent Studies in Math (TECM 1341 and 1349) in order to gain additional credit toward the Process Technology A.A.S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

17001 INTRODUCTION TO CULINARY ARTS, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 13022550

Prerequisite(s): **None**

Endorsement/Career Cluster: Business & Industry/Hospitality & Tourism

Industry Certification: ServSafe

Introduction to Culinary Arts will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry-level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratorybased course.

A one-time TABC Food Handler Course fee of \$15.00 and a \$20.00 fee will be assessed.

IEIR 1302 INTRODUCTION TO DIRECT CURRENT CIRCUITS, ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13036900

Prerequisite(s): **80 or higher in Algebra I & Geometry, or Engineering Science; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: STEM / STEM, Advanced CTE Credit

This course taught at Lee College as part of the Instrumentation Technology – IR1, Certificate of Completion. Instruction includes fundamentals of direct current including Ohm's Law. Emphasis on methods of analyzing series, parallel, and combination circuits including measurement devices. Students are encouraged to also take dual credit academics and/or Independent Studies in Math (TECM 1341 and 1349) in order to gain additional credit toward the Instrumentation Technology A.A.S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

09877 INTRODUCTION TO ENGINEERING DESIGN (PLTW), 1 credit

GPA Level: Pre-AP

Grade Level(s): 9-12 Service ID: N1303742

Prerequisite(s): **None**

Endorsement/Career Cluster: STEM/STEM

In this Project Lead the Way course, students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

LMGT 1321 INTRODUCTION TO MATERIALS HANDLING, ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13040200

Prerequisite(s): **LMGT 1319**

CAREER & TECHNICAL EDUCATION

GPA Level: Dual Credit

Endorsement/Career Cluster: Business & Industry/Transportation, Distribution, & Logistics

This course is taught at Lee College and introduces the concepts and principles of materials management to include inventory control and forecasting activities.

ITCC 1414 INTRODUCTION TO NETWORKS (Networking/Networking Lab A), ½ credit

Grade Level(s): 12 Service ID: 13027410

Prerequisite(s): **Computer Technician Practicum and Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: Business & Industry/Information Technology, Advanced CTE Credit

This course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of Internet Protocol addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the curriculum. By the end of either course, students will be able to build simple Local Area Networks, perform basic configurations for routers and switches, and implement Internet Protocol addressing schemes.

INTC 1312 INSTRUMENTATION AND SAFETY, ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13036800

Prerequisite(s): **80 or higher in AC/DC Electronics, Computer Maintenance, Engineering Design & Problem Solving, Automotive Technology I or Engineering Science; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: STEM / STEM

This course is taught at Lee College as part of the Instrumentation Technology – IR1, Certificate of Completion. Instruction includes an overview of industries employing instrumentation technicians. It also includes instrument safety techniques and practices as applied to the instrumentation field. Students are encouraged to also take dual credit academics and/or Independent Studies in Math (TECM 1341 and 1349) in order to gain additional credit toward the Instrumentation Technology A.A.S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

09764 LAW ENFORCEMENT I, 1 credit

GPA Level: Regular

Grade Level(s): 10-12 Service ID: 13029300

Prerequisite(s): **Principles of Law, Public Safety, Corrections, and Security**

Endorsement/Career Cluster: Public Service / Law & Public Services

Students will be involved in the study of law enforcement philosophies and practices. In addition, students will study juvenile offenders, drug abusers, and various types of criminal offenders. Field trips include college campuses tours, and criminal courts. Topics and activities in this course include felony traffic stops, handcuffing procedures, and general practices. This is an excellent course for students interested in law enforcement.

09765 LAW ENFORCEMENT II, 1 credit

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13029400

Prerequisite(s): **Law Enforcement I**

Endorsement/Career Cluster: Public Service/Law & Public Services, Advanced CTE Credit

Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. This course includes the ethical and legal responsibilities, operation of police and emergency telecommunication equipment, and courtroom testimony.

09749 LIFETIME NUTRITION AND WELLNESS, ½ credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 13024500

Prerequisite(s): **None**

Everyone wants to eat healthy these days. Learn how to eat healthy and how to get the look you want. Students will learn about planning a nutritious meal on a budget, food safety, and food handling and food storage. Students will also get to prepare and eat a few healthy snacks. Sign up for lifetime nutrition and wellness and learn how to care for your body and how to achieve lifelong wellness.

CAREER & TECHNICAL EDUCATION

19712 LIVESTOCK PRODUCTION, 1 credit

GPA Level: Regular

Grade Level(s): 10-12 Service ID: 13000300

Prerequisite(s): **Any AFNR Course**

Endorsement/Career Cluster: Business & Industry/Ag, Food, & Natural Resources, Advanced CTE Credit

This course introduces the common veterinary skills and procedures used on livestock, anatomy of livestock, genetics and reproduction, and diseases that can affect all livestock animals. This course is recommended for students who have an interest in the Veterinary Science field.

09794 MEDICAL INTERVENTIONS (PLTW) (RSS), 1 credit

GPA Level: Pre-AP

Grade Level(s): 11-12 Service ID: N1302094

Prerequisite(s): **Human Body Systems**

Endorsement/Career Cluster: Public Service/Health Science/Advanced CTE credit

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

19739 MONEY MATTERS, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 13016200

Prerequisite(s): **None**

Endorsement/Career Cluster: Business & Industry/Business, Marketing & Finance

Students will investigate how financial matters affect the past, present and future conditions of their lives and the world around them. They will learn how to set and achieve financial goals through savings, tax preparation, stocks and bonds, risk management, retirement planning, and estate planning.

19759 ONRAMPS COMPUTER SCIENCE I A, 1 Credit

GPA Level:

Grade Level(s): 9-12 Service ID: 03580200

Satisfies Technology Requirement

Prerequisite(s): **Algebra I and(Algebra II preferred)**

OnRamps Computer Science teaches a set of core ideas that shapes the landscape of computer science and its impact on our society. In addition to learning about the magic and beauty of computing, students will acquire essential Texas College and Career Readiness skills, applying critical thinking, problem solving, and communication within a project-based learning framework.

09786 PAINT & REFINISHING (SCC), 2 credits

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13039900

Prerequisite(s): **Course Application; Collision Repair**

Endorsement/Career Cluster: Business & Industry/Transportation, Advanced CTE Credit

Paint & Refinishing continues with the collision repair basics and adds frame and body repair, structural straightening, disassembling and reassembling of automotive vehicles, Advanced GMA Welding, and advanced refinishing. I-CAR Certifications are offered in collision repair welding, collision repair technology and refinishing technology.

19708 PRACTICUM AFNR WELDING I GCM ONLY, 2 Credits

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 13032300

Prerequisite(s): **Introduction to AFNR - Welding**

CAREER & TECHNICAL EDUCATION

GPA Level: Dual Credit

Endorsement/Career Cluster: Business & Industry/Ag, Food and Natural Resources Industry

Certification: NCCER Core, NCCER Welding Level 1, NCCER Welding Level 2, NCCER Level 3

This course is designed to give students supervised practical application of knowledge and skills in AFNR with an emphasis in advanced welding applications. This course reinforces previously learned, hands on training with entry level skills in welding. Students will advance in the welding knowledge and skills learned in previous courses.

Annual welding program fee of \$40. Students will be required to purchase boots and a shirt.

CAREER & TECHNICAL EDUCATION

GPA Level: Regular

19107 PRACTICUM IN AFNR - AGRISCIENCE CENTER, 2 Credits

Grade Level(s): 11-12

Service ID: 13002500

**STUDENT MUST PROVIDE OWN TRANSPORTATION
TO AGRISCIENCE CENTER**

Prerequisite(s): **Course Application & Enrollment in Agriculture, Food, and Natural Resources Career Cluster Courses.**
Endorsement/Career Cluster: **Business & Industry/Ag, Food and Natural Resources, Advanced CTE
Credit**

This course is designed to give student supervised practical application of knowledge and skills. The practicum experience will occur at the GCCISD Agriscience Center. Students will assist in the maintenance and upkeep of the facility and will complete an advanced SAE project. This capstone experience is for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources Career Cluster.

29708 PRACTICUM IN AFNR WELDING II GCM ONLY, 2 Credits

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 13032400

Prerequisite(s): **Practicum in AFNR Welding I**

Endorsement/Career Cluster: **Business & Industry/Ag, Food and Natural Resources, Advanced CTE
Credit**

Industry Certification: NCCER Core, NCCER Welding Level 1, NCCER Welding Level 2, NCER Welding Level 3

This course is designed to give students supervised practical application of knowledge and skills in AFNR with an emphases in advanced welding applications. This course reinforces previously learned hands on training with entry level skills in welding. Students will advance in the welding knowledge and skills learned in previous courses.

Annual welding program fee of \$40. Students will be required to purchase boots and a shirt.

S19007 PRACTICUM IN AG FOOD & NATURAL RESOURCES (MEAT PROCESSING) SCTH

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 13002500

Class Meets M-TH - 4:00 - 6:00

Prerequisite(s): **Course Application**

Endorsement/Career Cluster: **Business & Industry/Ag, Food, & Natural Resources, Advanced CTE
Credit**

The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food and Natural Resources cluster. The practicum is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations, such as employment, independent study, internships, assistantships, mentorships, or laboratories.

This class meets at SCTHS after school.

19007 PRACTICUM IN AG FOOD & NRL RES (MEAT PROCESSING) (SCC), 2 credits

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 13002500

Prerequisite(s): **Course Application; Food Processing-Meat Processing (SCC)**

Endorsement/Career Cluster: **Business & Industry/Ag, Food, & Natural Resources, Advanced CTE
Credit**

The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources cluster. The practicum is designed to give students supervised practical application of knowledge and skills in the meat processing industry. Practicum experiences can occur in a variety of locations, such as employment, independent study, internships, assistantships, mentorships, or laboratories.

19011 PRACTICUM IN AUDIO/VIDEO PRODUCTION (SCC), 2 credits

CAREER & TECHNICAL EDUCATION

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 13008705

Prerequisite(s): **Course Application and Audio/Video Production II (SCC)**

Endorsement/Career Cluster: Business & Industry/AV, Arts & Communications, Advanced CTE Credit

Careers in audio/video production span all aspects of the audio/video communications industry. Building upon the concepts taught in Audio/Video Production II and its corequisite Audio/Video Production II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying preproduction, production, and post-production audio and video products in a professional environment.

19733 PRACTICUM IN BUSINESS MANAGEMENT (BUSINESS ACADEMY ONLY), 2 credits

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 13012200

Prerequisite(s): **Business Management**

Endorsement/Career Cluster: Business & Industry/Business, Marketing & Finance, Advanced CTE Credit

Practicum in Business Management is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience.

09725 PRACTICUM IN CONSTRUCTION TECHNOLOGY, 2 credits

GPA Level: Regular

Grade Level(s): 12

Service ID: 13005250

Prerequisite(s): **Construction Technology II**

Endorsement/Career Cluster: Business & Industry/ Architecture & Construction, Advanced CTE Credit

Industry Certification: NCCER Core and NCCER Construction Technology

Practicum in Construction Technology students will be challenged with the application of gained knowledge and skills from Construction Technology I and II. In many cases students will be allowed to work at a job (paid or unpaid) outside of school or be involved in local projects the school has approved for this class.

S09745 PRACTICUM IN CULINARY ARTS I (SCTHS-AFTER SCHOOL), 2 credits

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 13022700

CLASS MEETS M-TH 4:00-6:00

Prerequisite(s): **Course Application and Culinary Arts**

Endorsement/Career Cluster: Business & Industry/Hospitality & Tourism, Advanced CTE Credit

Industry Certification: ServSafe

Practicum in Culinary Arts is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Culinary Arts integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fastchanging workplace.

A one-time Food Handler Course fee of \$15.00 and an additional \$20.00 fee will be assessed.

S09746 PRACTICUM IN CULINARY ARTS II (SCC-AFTER SCHOOL), 2 credits

GPA Level: Regular

Grade Level(s): 12

Service ID: 13022710

CLASS MEETS M-TH 4:00-6:00

Prerequisite(s): **Course Application; Practicum in Culinary Arts I**

Endorsement/Career Cluster: Business & Industry/Hospitality & Tourism, Advanced CTE Credit

Industry Certification: ServSafe Manager

CAREER & TECHNICAL EDUCATION

GPA Level: Regular

Students will use the skills that they learned in Culinary Arts and take them to the next level, preparing them for success in the Culinary Industry. Students will plan, prepare and serve one to two luncheons per week. Students completing this class will have the opportunity to test out of six credit hours at San Jacinto North College Culinary School. Students also have many opportunities to participate in competitions and off campus caterings.

A course fee of \$20.00 will be assessed.

09738 PRACTICUM IN EDUCATION & TRAINING (READY, SET, TEACH II), 2 credits

Grade Level(s): 12 Service ID: 13014500

Prerequisite(s): **Course Application and Instructional Practices**

Endorsement/Career Cluster: Public Services/Education & Training, Advanced CTE Credit

Future teachers in the capstone course will continue career exploration through classroom instruction and application of skills as they rotate through local Goose Creek CISD school settings. Students receive more in-depth program management and curriculum study. They will also serve as team leaders, mentors, and role models. Students enrolled in the course must pass a criminal history check to participate. Applications, interviews, and teacher approval may also be required. All students will be required to join Educators Rising.

29743 PRACTICUM IN HEALTH SCIENCE - PRIMARY TECH OPTION (SCC), 2 Credits

GPA Level: Regular

Grade Level(s): 12 Service ID: 13020500

**Fingerprinting & Background Check - \$37, Scrubs - \$50
& Drug Testing - \$50**

Prerequisite(s): **Course Application; Health Science Theory/Health Clinical or Medical Interventions, Algebra II, & Chemistry**

This course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences will occur in a pharmacy location. The student is expected to comply with specific industry standards related to safety and substance abuse and model industry expectations of professional conduct such as attendance, personal appearance, hygiene, and time management.

This course will prepare students for national certification testing to become credentialed as a Pharmacy Technician upon graduation.

Certification Exam - \$129

Students must provide their own transportation. Some course cost may vary from those listed.

09743 PRACTICUM IN HEALTH SCIENCE-CCMA OPTION, 2 credits

GPA Level: Regular

Grade Level(s): 12 Service ID: 13020500

RSS & GCM ONLY

Prerequisite(s): **Course Application; Health Science Theory/Health Science Clinical or Medical Interventions**

Endorsement/Career Cluster: Public Service/Health Science, Advanced CTE Credit

The Practicum in Health Science- Certified Clinical Medical Assistant (CCMA) course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences will occur in a variety of locations. The student is expected to comply with specific industry standards related to safety and substance abuse and model industry expectations of professional conduct such as attendance, punctuality, personal appearance, hygiene, and time management.

This course will prepare students for national certification testing to become credentialed as a CCMA upon graduation.

Students are required to obtain vaccinations, a flu shot, (fingerprinting and drug testing if required), to participate in this course. Course costs will vary based on course requirements. Transportation must be provided by student. Approximate cost of class- \$155.00 for testing and \$50.00 for uniform and \$30.00 for stethoscope.

19743 PRACTICUM IN HEALTH SCIENCE-CNA - RSS & REL, 2 credits

GPA Level: Regular

Grade Level(s): 12 Service ID: 13020500

Prerequisite(s): **Course Application and Health Science Theory/Health Science Clinical or Medical Interventions**

Endorsement/Career Cluster: Public Service/Health Science, Advanced CTE Credit

The Practicum in Health Science- Certified Nursing Assistant (CNA) course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences will occur in a variety of locations. The student is expected to comply

CAREER & TECHNICAL EDUCATION

GPA Level: Regular

with specific industry standards related to safety and substance abuse and model industry expectations of professional conduct such as attendance, punctuality, personal appearance, hygiene, and time management.

This course will prepare students for state certification testing to become credentialed and licensed as a CNA upon graduation.

Students are required to obtain vaccinations, a flu shot, fingerprinting, background check (and drug testing if required), to participate in this course. Transportation must be provided by student. Approximate cost of class- \$100.00 for testing, \$50.00 for uniform, \$30.00 for class workbook. Course costs may vary. A valid social security card is required for state licensing.

19835 PRACTICUM IN HOSPITALITY SERVICES I (GCM), 2 credits

Grade Level(s): 11-12 Service ID: 13022900

Prerequisite(s): **Course Application; Entrepreneurship**

Endorsement/Career Cluster: Business & Industry/Hospitality & Tourism, Advanced CTE Credit

Industry Certification: ServSafe

Practicum in Hospitality is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Hospitality Services integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing workplace.

A one-time Food Handler Course fee of \$15.00 and an additional \$20.00 fee will be assessed.

19836 PRACTICUM IN HOSPITALITY SERVICES II (GCM), 2 credits

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13022910

Prerequisite(s): **Course Application; Practicum in Hospitality Services I**

Endorsement/Career Cluster: Business & Industry/Hospitality & Tourism, Advanced CTE Credit

Industry Certification: ServSafe Manager

Students will use the skills that they learned in Practicum in Hospitality Services I and take them to the next level, preparing them for success in the Hospitality Industry. Students also have many opportunities to participate in competitions and off campus caterings.

A course fee of \$20.00 will be assessed.

19765 PRACTICUM IN LAW ENFORCEMENT, 2 Credits

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13030100

Prerequisite(s): **Law I**

Endorsement/Career Cluster: Business & Industry/Law and Public Service, Advanced CTE Credit

The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

An annual Law Enforcement course fee of \$20 will be assessed. Participation in Skills USA is encouraged.

S09769 PRACTICUM IN MANUFACTURING (WELDING) (SCC-AFTER SCHOOL), 2 credits

GPA Level: Regular

Grade Level(s): 12 Service ID: 13033000

CLASS MEETS M-TH 4:00 - 6:00

Prerequisite(s): **Course Application and Welding II**

Endorsement/Career Cluster: Business & Industry/Transportation, Advanced CTE Credit

Industry Certification: NCCER Core, NCCER Welding Level 1, NCCER Welding Level 2, NCCER Welding Level 3

CAREER & TECHNICAL EDUCATION

GPA Level: Regular

This is the capstone class for students who want to work in the welding field. Student will experience supervised practical application of knowledge and skills. This course reinforces previously learned, hands on training with entry level skills in welding. Students will advance in the welding knowledge and skills began in previous welding courses, including pipe welding.

An annual welding program fee of \$40.00 will be assessed. Students will be required to purchase boots and a shirt.

19006 PRACTICUM IN TRANSPORTATION SYSTEMS (SCC), 2 credits

Grade Level(s): 12 Service ID: 13040400

Prerequisite(s): **Course Application and Automotive Technology or Collision Repair**

Endorsement/Career Cluster: Business & Industry/Transportation, Advanced CTE Credit

This is the capstone class for students who want to work in the transportation field and includes paid or unpaid internships or lab based learning. Students must have their own transportation for internships. Student will experience supervised practical application of knowledge and skills. This course reinforces previously learned, hands-on training with entry-level skills in the automotive field.

Students are required to have employment in the Transportation field and provide their own transportation.

S19006 PRACTICUM IN TRANSPORTATION SYSTEMS (SCC-AFTER SCHOOL), 2 credits

GPA Level: Regular

Grade Level(s): 12 Service ID: 13040400

CLASS MEETS M- TH 4:00 - 6:00

Prerequisite(s): **Course Application and Automotive Technology or Collision Repair**

Endorsement/Career Cluster: Business & Industry/Transportation, Advanced CTE Credit

This is the capstone class for students who want to work in the transportation field and includes paid or unpaid internships or lab based learning. Students must have their own transportation for internships. Student will experience supervised practical application of knowledge and skills. This course reinforces previously learned, hands-on training with entry-level skills in the automotive field.

Students are required to have employment in the Transportation field and provide their own transportation.

CSME 2441 PREP FOR STATE LICENSING EXAM (IV-B) REL ONLY, 1 credit

GPA Level: Dual Credit

Grade Level(s): 12 Service ID: 13025000

Prerequisite(s): **CSME 1505, CSME 1254, CSME 1410, CSME 1453, CSME 2401 and CSME 1255 or High School Equivalent**s

Endorsement/Career Cluster: Public Services/Human Services, Advanced CTE Credit

Preparation for the state licensing examination.

Licensing Fees: \$122 State exam fee (\$50-written / \$72-practical) (reimbursable upon successful completion of exams, submission of all receipts, and license certification) \$25 Student Permit, Cost of Manikins.

09704 PRINCIPLES OF AGRICULTURE FOOD & NATURAL RESOURCES (AFNR), 1 credit

GPA Level: Regular

Grade Level(s): 9 Service ID: 13000200

Prerequisite(s): **None**

Endorsement/Career Cluster: Business & Industry/Ag, Food, & Natural Resources

This is an introductory course designed to provide an overview of global agriculture. The course includes leadership, career development, communications, livestock, plant and soil science and food science.

Students are expected to join the National FFA organization.

INTC 1441 PRINCIPLES OF AUTOMATIC CONTROL (I-A), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13037400

Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: STEM / STEM, Advanced CTE Credit

This course is taught at Lee College as part of the Instrumentation Technology – IR1, Certificate of Completion. Instruction includes an overview of basic measurements, automatic control systems and design, closed loop systems, controllers, feedback, control modes, and control configurations. Students are encouraged to also take dual credit academics and/or Independent Studies in Math (TECM 1341 and 1349) in order to gain additional credit toward the Instrumentation Technology A.A.S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

CAREER & TECHNICAL EDUCATION

09842 PRINCIPLES OF BIOMEDICAL SCIENCE (PLTW) (RSS), 1 credit

GPA Level: Pre-AP

Grade Level(s): 9-12 Service ID: N13020292

Prerequisite(s): **None**

Endorsement/Career Cluster: Public Service/Health Science

In the introductory course of the Project Lead the Way Biomedical Science coherent sequence of courses, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

09729 PRINCIPLES OF BUSINESS, MARKETING & FINANCE, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 13011200

Prerequisite(s): **None**

Endorsement/Career Cluster: Business & Industry/Business Marketing & Finance

This course provides students with broad-based business knowledge and skills that every individual should know in all aspects of the business world. These aspects give the student entry-level skills needed for success in any career path you choose. Students will learn how to start and maintain a business including: developing a business plan, logo, business card creation, product marketing and advertising.

09719 PRINCIPLES OF CONSTRUCTION, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 13004220

Prerequisite(s): **None**

Endorsement/Career Cluster: Business & Industry/Architecture & Construction

Industry Certification: NCCER Core

Principles of Construction is intended to provide an introduction and lay a solid foundation for those students entering the construction or skilled craft areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.

19748 PRINCIPLES OF EDUCATION & TRAINING, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 13014200

Prerequisite(s): **None**

Endorsement/Career Cluster: Public Services/Education & Training

Principles of Education and Training is designed to introduce learners to the various careers available within the Education and Training Career Cluster. Students use self-knowledge as well as educational and career information to analyze various careers within the Education and Training Career Cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area. All students will be required to join Educators Rising.

19003 PRINCIPLES OF HEALTH SCIENCE, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 13020200

Prerequisite(s): **None**

Endorsement/Career Cluster: Public Services/Health Science

This course is an introduction to the Health Science careers and terminology. It provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.

09763 PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY, 1 credit

CAREER & TECHNICAL EDUCATION

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 13029200

Prerequisite(s): **None**

Endorsement/Career Cluster: Public Service / Law and Public Service

Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, protective services, corrections, firefighting, and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, protective services, and corrections. Other topics in this course range from causes of crime to terrorism to the future of criminal justice.

PTAC 2314 PRINCIPLES OF QUALITY (I-A), .5 credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13033005

Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: Business & Industry/Manufacturing, Advanced CTE Credit for 3rd Course and Above

This course is taught at Lee College as part of the Process Technology - PT1, Certificate of Completion Instruction includes the study of the background and application of quality concepts. Topics include: team skills, quality tools, statistics, economics and continuous improvement. Students are encouraged to also take dual credit academics or Independent Studies in Math (TECM 1341 and 1349) in order to gain additional credit toward the Process Technology A.A.S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

LMGT 2334 PRINCIPLES OF TRAFFIC MANAGEMENT, ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13040470

Prerequisite(s): **LMGT 1319**

Endorsement/Career Cluster: Business & Industry/Transportation, Distribution, & Logistics, Advanced CTE

This course is taught at Lee College as part of the Logistics and Supply Chain Management Certificate of completion. Instruction includes a study of the role and functions of a transportation traffic manager within a commercial or public enterprise. This course also includes: training in rate negotiation, carrier and mode selection, carrier service evaluation, quality control, traffic pattern analysis, documentation for domestic and international shipments, claims, hazardous materials movement, and the state, federal, and international environments of transportation. Students are encouraged to take academic dual credit courses when possible to earn additional credit towards the Logistics and Supply Chain Management A.A.S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

PTAC 1332 PROCESS INSTRUMENTATION I, .5 credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13032900

Prerequisite(s): **80 or higher in Chemistry & Algebra; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: Business & Industry/Manufacturing

This course is taught at Lee College as part of the Process Technology - PT1, Certificate of Completion Instruction and includes the study of the instruments and instrument systems used in the process industry including terminology, primary variables, symbology, control loops, and basic troubleshooting. Students are encouraged to also take dual credit academics or Independent Studies in Math (TECM 1341 and 1349) in order to gain additional credit toward the Process Technology A.A.S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

PTAC 1410 PROCESS TECH I EQUIPMENT, .5 credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13032900

Prerequisite(s): **80+ in Chemistry & Algebra I; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: Business & Industry/Manufacturing

CAREER & TECHNICAL EDUCATION

This course is taught at Lee College as part of the Process Technology - PT1, Certificate of Completion Instruction includes an introduction to the use of common process equipment. Students are encouraged to also take dual credit academics or Independent Studies in Math (TECM 1341 and 1349) in order to gain additional credit toward the Process Technology A.A.S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

PTAC 2420 PROCESS TECHNOLOGY II:SYSTEMS, ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13032950

Prerequisite(s): **PTAC 1332; PTAC 1410**

Endorsement/Career Cluster: Business & Industry/Manufacturing, Advanced CTE Credit for 3rd Course and Above

This course is taught at Lee College as part of the Process Technology - PT1, Certificate of Completion Instruction includes the study of the interrelation of process equipment as process systems including related scientific principles. Students are encouraged to also take dual credit academics or Independent Studies in Math (TECM 1341 and 1349) in order to gain additional credit toward the Process Technology A.A.S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

PTAC 2438 PROCESS TECHNOLOGY III: OPERATIONS, 1 credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13033005

Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog; PTAC 1302, PTAC 1332, PTAC 1410, PTAC 2420, SCIT 1314, and MATH/TECM elective**

This course emphasizes activities associated with process operations. Students write and follow procedures and operate actual equipment.

PTAC 2346 PROCESS TROUBLESHOOTING (II-B), 1 credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13033005

Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog; PTAC 1302, PTAC 1332, PTAC 1410, PTAC 2420, SCIT 1314, and MATH/TECM elective**

Instruction in the different types of troubleshooting techniques, procedures, and methods used to solve process problems. Lecture Hrs = 3, Lab Hrs = 0

RBTC 1301 PROGRAMMABLE LOGIC CONTROLLERS, ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13037600

Prerequisite(s): **Corequisite INTC 1441**

A study in programmable logic controllers (PLC). Topics include processor units, numbering systems, memory organization, relay type devices, timers, counters, data manipulators, and programming. Lecture Hrs. = 2, Lab Hrs. = 2

LMGT 1301 Radio Frequency Identification (RFID)- History & Industrial Applications, ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13011900

Prerequisite(s): **LMGT 1319**

Endorsement/Career Cluster: Business & Industry/Transportation, Distribution, & Logistics, Advanced CTE

Overview of the radio frequency identification (RFID) system and its utilization in the current logistical industry. Includes an introduction of the value of the RFID system as it relates to traffic management, transportation, inventory management, warehousing, packaging, order processing, and materials handling.

09779 ROBOTICS I (REL), 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 13037000

Prerequisite(s): **AC/DC Electronics**

Endorsement/Career Cluster: STEM/Manufacturing

Would you like to build a robot? Learn about the robot and automation industry? Then sign up for this course! Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry. Students will be in a classroom and lab setting and have the opportunity to be a part of the robotics competition team!

CAREER & TECHNICAL EDUCATION

GPA Level: Regular

Service ID:

Endorsement/Career Cluster: Business & Industry/Ag, Food, & Natural Resources

Students prepare for careers in the field of animal science through the enhancement of academic knowledge and skills, acquisition of knowledge and skills related to animal systems, and development of knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Suggested small animals which may be included in the course of study include, but are not limited to, small mammals, amphibians, reptiles, birds, dogs, and cats.

09803 SMALL ENGINE TECHNOLOGY I, 1 credit

Grade Level(s): 9-12 Service ID: 13040000

Prerequisite(s): **None**

Endorsement/Career Cluster: Business & Industry/Transportation

This class will acquaint the learner with entry-level knowledge and skills in the components and systems of a small gas engine such as ignition, lubrication and cooling. Shop safety is taught, along with employability characteristics, geographic diversity, engine technology, personal communication, and technical knowledge and skills.

LMGT 1393 Special Topics in Logistics and Materials Management, .5 credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13040475

Prerequisite(s): **LMGT 1319**

Endorsement/Career Cluster: Business & Industry/Transportation, Distribution, & Logistics, Advanced CTE

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. Lecture Hrs. = 3, Lab Hrs. = 0

BMGT 1301 SUPERVISION, ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13011900

Prerequisite(s): **80 or higher in Business Information Management I; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: Business & Industry/Transportation, Distribution & Logistics, Advanced CTE Credit

This course is Introduction to Business Logistics and is taught at Lee College as part of the Logistics and Supply Chain Management Certificate of Completion. Instruction includes a systems approach to managing activities associated with traffic, transportation, inventory management and control, warehousing, packaging, order processing, and materials handling. Students are encouraged. Students are encouraged to take academic dual credit courses when possible to earn additional credit towards the Logistics and Supply Chain Management A. A. S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

CSME 2410 THE PRIN OF HAIR COLOR & RELATED THEORY (IV-A) 'REL ONLY, 1 credit

GPA Level: Dual Credit

Grade Level(s): 12 Service ID: 13025000

Prerequisite(s): **CSME 1505, CSME 1254, CSME 1410, CSME 1453, CSME 2401 and CSME 1255 or High School Equivalent**

Endorsement/Career Cluster: Public Services/Human Services, Advanced CTE Credit

This course is designed to provide students with job-specific training that will prepare them to become a licensed cosmetologist. Topics include advanced concepts and practice of haircutting include haircuts utilizing scissors, razor, and/or clippers, advanced course theory, advanced practical application skills, the continual study for the state board exam (which includes a written and practical examination), employability skills, job opportunities and job applications.

CAREER & TECHNICAL EDUCATION

GPA Level: Regular

Licensing Fees: \$122 State exam fee (\$50-written / \$72-practical) (reimbursable upon successful completion of exams, submission of all receipts, and license certification) \$25 Student Permit, Cost of Manikins.

CTEC 2445 UNIT OPERATIONS (II-B), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13033005

Prerequisite(s): **PTAC 1332, PTAC 1410, PTAC 2420, PTAC 2438, PTAC 2346, and SCIT 1314**

Instruction in the principles of chemical engineering and process equipment with emphasis on scale-up from laboratory bench to pilot plant.

Lecture Hrs. = 3, Lab Hrs. = 3

09761 VIDEO GAME DESIGN, 1 credit

Grade Level(s): 10-12 13009970

Prerequisite(s): **Business Information Management I**

Endorsement/Career Cluster: Business and Industry/AAVT & C

This class is an introduction to game and simulation development. It includes the analysis of existing applications and creation of a game using an existing game engine as well as an in-depth coverage of the essential elements of game design. This class also covers an overview of cultural history of electronic games, survey of the major innovators, and examination of the trends and taboos that motivate game design.

LMGT 1325 WAREHOUSING & DISTRIB. CENTER. MANAGE, ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13040300

Prerequisite(s): **80 or higher in Business Information Management I & Finance; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Endorsement/Career Cluster: Business & Industry/Transportation, Distribution & Logistics, Advanced CTE Credit

This course is taught at Lee College as part of the Logistics and Supply Chain Management Certificate of Completion. Instruction includes emphasis on physical distribution and total supply chain management. It also includes warehouse operations management, hardware and software operations, bar codes, organizational effectiveness, just-in-time manufacturing, continuous replenishment and third party. Students are encouraged to take academic dual credit courses when possible to earn additional credit towards the Logistics and Supply Chain Management A. A. S. and to complete BIM II, Principles of Business, and Business Management to earn additional articulated credits for Logistics and Supply Chain Management A.A.S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

S09766 WELDING I (SCC-AFTER SCHOOL), 2 credits

GPA Level: Regular

Grade Level(s): 11-12 Service ID: S13032300

CLASS MEETS M-TH 4:00-6:00

Prerequisite(s): **Course Application**

Endorsement/Career Cluster: Business & Industry/Manufacturing

Industry Certification: NCCER Core, NCCER Welding Level 1

The welding courses at SCC are designed to provide job-specific training for entry-level employment in welding careers. Instruction includes cutting & welding with oxy-fuels, shielded metal arc welding, gas tungsten arc and gas metal arc welding processes, safety and career opportunities.

An annual welding fee of \$40.00 will be assessed. Students will be required to purchase boots and a shirt.

S09767 WELDING II (SCC-AFTER SCHOOL), 2 credits

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13032400

CLASS MEETS M-TH 4:00-6:00

Prerequisite(s): **Course Application and Welding I**

CAREER & TECHNICAL EDUCATION

GPA Level: Regular

Service ID:

Endorsement/Career Cluster: Business & Industry/Manufacturing, Advanced CTE Credit

Industry Certification: NCCER Core, NCCER Welding Level 1, NCCER Welding Level 2

After learning the basics and safety standards in Welding I, students will learn the following technology skills in Welding II: Stick, GMAC, TIG and Plasma cutting.

An annual welding fee of \$40.00 will be assessed.

19718 WILDLIFE, FISHERIES & ECOLOGY MANAGEMENT, 1 credit

GPA Level: Regular

Grade Level(s): 10-12

Service ID: 13001500

Prerequisite(s): **None**

This course is designed to examine the importance of wildlife and outdoor recreation, emphasizing using wildlife and natural resources. This course examines the management of game and non-game wildlife species, fish, and aquacrops and their ecological needs as related to current agricultural practices. Instruction includes the Texas Hunter course and certification required while hunting.

ENGLISH/LANGUAGE ARTS

04343 AP LANGUAGE AND COMPOSITION (English III), 1 credit

GPA Level: Advanced Placement

Grade Level(s): 11 Service ID: A3220100

Prerequisite(s): **English II**

Designed as a college-level course, English III-AP is primarily a study of language and composition using a collection of classic American literature with a non-fiction emphasis. Serious-minded students move rapidly through studies in novels, essays, poetry, and short stories. Critical, analytical reading and writing skills are the core of the course. Since time constraints demand extensive independent reading, students should be aware of the challenging commitment required. At the conclusion of the course, students will take the College Board Advanced Placement Exam.

04443 AP LITERATURE AND COMPOSITION (English IV), 1 credit

GPA Level: Advanced Placement

Grade Level(s): 12 Service ID: A3220200

Prerequisite(s): **English III**

English IV-AP, a college-level course for highly motivated students, is a survey of British and world literature, stressing critical thinking and writing skills and requiring extensive out-of-class reading. At the conclusion of the course, students will take the College Board Advanced Placement Exam.

04450 COLLEGE PREP-ELA, 1 Credit

GPA Level: Regular

Grade Level(s): 12 Service ID: CP110100

12th grade level

Prerequisite(s): **Successful completion of ENG.I, ENG. II, and ENG. III**

This course is designed for seniors whose EOC score does not meet college readiness standards or whose performance on coursework, or college entrance exam indicates that the student is not ready to perform entry-level college coursework. This course is eligible for state credit on the Foundation High School Program only.

ENGL1301 ENGLISH COMPOSITION I (ENGLISH III), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11 Service ID: 03220300

Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog**

Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis.

ENGL1301 ENGLISH COMPOSITION I (ENGLISH IV A), ½ credit

GPA Level: Dual Credit

Grade Level(s): 12 Service ID: 03220400

Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog**

Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis.

ENGL1302 ENGLISH COMPOSITION II (ENGLISH III), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11 Service ID: 03220300

Prerequisite(s): **Grade of C or better in ENGL 1301; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions.

ENGL1302 ENGLISH COMPOSITION II (ENGLISH IV B), ½ credit

GPA Level: Dual Credit

Grade Level(s): 12 Service ID: 03220400

Prerequisite(s): **Grade of C or better in ENGL 1301; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual,

ENGLISH/LANGUAGE ARTS

GPA Level: Regular

Service ID:

and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions.

04123 ENGLISH I, 1 credit

GPA Level: Regular

Grade Level(s): 9 Service ID: 03220100

Prerequisite(s): **None**

Students enrolled in English I continue to increase and refine their communication skills. This survey course emphasizes a variety of genres whose authors represent many nations. Instruction focuses on the integration of composition, language, and literature and includes development of the Texas Essential Knowledge and Skills.

04223 ENGLISH II, 1 credit

Grade Level(s): 10 Service ID: 03220200

Prerequisite(s): **English I**

This course extends and elaborates the foundation skills provided by English I. Instruction focuses on the integration of literature, language, and composition and includes the development of the Texas Essential Knowledge and Skills.

04323 ENGLISH III, 1 credit

GPA Level: Regular

Grade Level(s): 11 Service ID: 03220300

Prerequisite(s): **English II**

English III is a survey course of American literature and includes development of the Texas Essential Knowledge and Skills. Students will learn literary forms and terms associated with selections being read. In English III, students practice many forms of writing, including reports, business memos, abstracts, resumes, and the research paper. Independent readings are required.

04423 ENGLISH IV, 1 credit

GPA Level: Regular

Grade Level(s): 12 Service ID: 03220400

Prerequisite(s): **English III**

English IV is a survey course of British literature based on the Texas Essential Knowledge and Skills. Students focus on reading classic and contemporary literary works revealing culture and tradition and on planning, drafting, and completing written compositions in a variety of forms on a regular basis. The course develops the students' higher level thinking skills through challenging oral and written activities often involving critical listening and creation, analysis, and evaluation of media and technology presentations and productions. Research skills are culminated through a required research project. Independent readings are required.

ENGL2322 ENGLISH LITERATURE PART I (ENGLISH IV A), ½ credit

GPA Level: Dual Credit

Grade Level(s): 12 Service ID: 03220400

Prerequisite(s): **Grade of C or better in ENGL 1302; Meet Dual Credit Requirements & See Lee College's Course Catalog**

A direct study of significant masterpieces of English literature from the earliest times to the Romantic Period with particular attention to the main currents of thought and the major writers of Britain.

ENGL2323 ENGLISH LITERATURE PART II (ENGLISH IV B), ½ credit

GPA Level: Dual Credit

Grade Level(s): 12 Service ID: 03220400

Prerequisite(s): **Grade of C or better in ENGL 1302; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Selected writers from the Romantic period to the present with particular attention to the main currents of thought and the major writers of Britain.

08243 ESOL I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03200600

Prerequisite(s): **LPAC Approval**

ESOL (English for Speaker of Other Languages) Academic support offers ELL students supplemental instruction in listening, speaking, reading, writing and comprehending English, with a focus on the TEKS in English using strategies and methodologies appropriate for

ENGLISH/LANGUAGE ARTS

English Language Learners. Students develop competence in English, preparing them to be successful in all academic subjects. This course includes the Texas Essential Knowledge and Skills of English I.

08253 ESOL II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03200700

Prerequisite(s): **LPAC Approval**

ESOL (English for Speaker of Other Languages) Academic support offers ELL students supplemental instruction in listening, speaking, reading, writing and comprehending English, with a focus on the TEKS in English using strategies and methodologies appropriate for English Language Learners. Students develop competence in English, preparing them to be successful in all academic subjects. This course includes the Texas Essential Knowledge and Skills of English II.

04903 JOURNALISM, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03230100

Prerequisite(s): **None**

This course is a journalistic writing course designed to introduce students to the world of print media. Law, ethics and the history of journalism will complement the major units of study: reporting, writing, editing, photography, management, teamwork, advertising, and design.

EN 13013A ONRAMPS ENGLISH III, .5

GPA Level:

Grade Level(s): 11 Service ID: 03220300

Prerequisite(s): **English I and English II**

OnRamps Rhetoric and Writing involves opportunities for students to analyze the various positions held in any public debate and learn to advocate their own positions effectively. Students will explore the ethics of argumentation and what it means to "fairly" represent someone with whom they disagree.

EN 13013B ONRAMPS ENGLISH III B, .5

GPA Level:

Grade Level(s): 11 Service ID: 03220300

Prerequisite(s): **English I, and English II**

OnRamps English III B requires students to analyze and compose arguments about American identity and identity information, both personal and cultural. The goal is to foster students' abilities to analyze arguments presented by others and to write sound and effective arguments of their own.

EN 13024A ONRAMPS ENGLISH IV A, .5

GPA Level:

Grade Level(s): 12 Service ID: 03220400

Prerequisite(s): **English I, English II and English III**

OnRamps Rhetoric and Writing involves opportunities for students to analyze the various positions held in any public debate and learn to advocate their own positions effectively. Students will explore the ethics of argumentation and what it means to "fairly" represent someone with whom they disagree.

*****Course may not be repeated to receive English III and English IV credit**

EN 13024B ONRAMPS ENGLISH IV B, .5

GPA Level:

Grade Level(s): 12 Service ID: 03102530

Prerequisite(s): **English I, English II and English III**

OnRamps English III B requires students to analyze and compose arguments about American identity and identity information, both personal and cultural. The goal is to foster students' abilities to analyze arguments presented by others and to write sound and effective arguments of their own.

*****Course may not be repeated to receive English III and English IV credit**

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GPA Level: Regular

Service ID:
04533 PRACTICAL WRITING SKILLS I A, ½ credit

GPA Level: Regular

Grade Level(s): 12 Service ID: 03221300

Prerequisite(s): **None**

This course develops skills in the conventions and mechanics of written English, the effective application of English grammar, reading comprehension of informational text, and the effective use of vocabulary. Students will explore the recursive nature of reading and writing and enhance writing skills by the evaluation of their own writing as well as the writing of others.

04535 PRACTICAL WRITING SKILLS I B, ½ credit

GPA Level: Regular

Grade Level(s): 12 Service ID: 03221300

Prerequisite(s): **None**

This course develops skills in the conventions and mechanics of written English, the effective application of English grammar, reading comprehension of informational text, and the effective use of vocabulary. Students will explore the recursive nature of reading and writing and enhance writing skills by the evaluation of their own writing as well as the writing of others.

04113 PRE-AP ENGLISH I, 1 credit

GPA Level: Pre-AP

Grade Level(s): 9 Service ID: 03220100

Prerequisite(s): **None**

Designed for the highly motivated, college-bound student, Pre-AP English I is a course which requires higher levels of understanding—such as the relationships and interpretations of ideas, literary analysis, and synthesis and evaluation of written materials. Refinement of grammatical usage and enrichment of vocabulary are stressed in oral and written compositions. This in-depth, fast-paced study of world literature requires reading and writing outside the classroom. This course is designed to prepare students to succeed in College Board Advanced Placement courses.

ENGLISH/LANGUAGE ARTS

04213 PRE-AP ENGLISH II, 1 credit Service ID:
 GPA Level: Pre-AP
Grade Level(s): 10 03220200
Prerequisite(s): **English I**
Designed to prepare students for college, this survey course extends and elaborates the foundation skills provided by English I. Pre-AP courses are designed to include problem solving and productive, creative, critical, and higher level reasoning skills, as well as various approaches to complement learning styles. This course is recommended for grade 10. By the end of this course, the student should have the skills and study habits to succeed in College Board Advanced Placement courses.

SPCH 1315 PUBLIC SPEAKING (PRINCIPLES OF PUBLIC SPEAKING), ½ credit GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 3240900
Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog**
This course includes preparation and delivery of various types of speeches with emphasis upon such fundamental principles as self-confidence, poise, awareness, posture, stress, voice, and articulation. Speech types considered include announcements, informative, persuasive, after-dinner, and radio speeches.

04493 READING I, 1 credit GPA Level: Regular

Grade Level(s): 9 Service ID: 03270700
Prerequisite(s): **None**
Reading I offers students reading instruction with an emphasis on specific word recognition, vocabulary, comprehension strategies, and fluency. Students read for a variety of purposes with multiple sources and use effective strategies to ensure comprehension while drawing complex inferences that are supported with both prior knowledge and textual information. In addition, students will use in-class readings as models, incorporating elements of craft and style into their own compositions.

04494 READING II, 1 credit GPA Level: Regular

Grade Level(s): 10 Service ID: 03270800
Prerequisite(s): **None**
Reading II offers students advanced reading instruction with an emphasis on specific word recognition, vocabulary, comprehension, and fluency. Students read for a variety of purposes with multiple sources and use effective strategies to ensure comprehension while drawing complex inferences that are supported with both prior knowledge and textual information. In addition, students will use in-class readings as models, incorporating elements of craft and style into their own compositions.

04495 READING III, 1 credit GPA Level: Regular

Grade Level(s): 11 Service ID: 03270900
Prerequisite(s): **None**
Reading III offers students advanced reading instruction with an emphasis on specific word recognition, vocabulary, comprehension, and fluency. Students read for a variety of purposes with multiple sources and use effective strategies to ensure comprehension while drawing complex inferences that are supported with both prior knowledge and textual information. In addition, students will use in-class readings as models, incorporating elements of craft and style into their own compositions.

04532 RESEARCH AND TECHNICAL WRITING, 1 credit GPA Level: Regular

Grade Level(s): 12 Service ID: 03221100
Prerequisite(s): **None**
The study of technical writing allows high school students to earn one-half to one credit while developing skills necessary for writing persuasive and informative texts. This rigorous composition course asks high school students to skillfully research a topic or a variety of topics and present that information through a variety of media. All students are expected to demonstrate an understanding of the recursive nature of the writing process.

ELECTIVES

19759 ONRAMPS COMPUTER SCIENCE I A, 1 Credit GPA Level:
Grade Level(s): 9-12 Service ID: 03580200 **Satisfies Technology Requirement**
Prerequisite(s): **Algebra I and(Algebra II preferred)**

FINE ARTS

Service ID:

OnRamps Computer Science teaches a set of core ideas that shapes the landscape of computer science and its impact on our society. In addition to learning about the magic and beauty of computing, students will acquire essential Texas College and Career Readiness skills, applying critical thinking, problem solving, and communication within a project-based learning framework.

COMP 1302 ONRAMPS COMPUTER SCIENCE III B, .5

GPA Level:

Grade Level(s): 11-12

Service ID: 03580350

Prerequisite(s): **Algebra I and OnRamps Computer Science III A 19759 (Algebra II is also preferred)**

OnRamps Computer Science teaches a set of core ideas that shapes the landscape of computer science and its impact on our society. In addition to learning about the magic and beauty of computing, students will acquire essential Texas College and Career Readiness skills, applying critical thinking, problem solving, and communication within a project-based learning framework.

 Grade Level(s): 10-12 Service ID: A3500100

 Prerequisite(s): **List driven, limited enrollment course. (Teacher Recommendation)**

This course is a one-year study of architecture, sculpture, painting, and other art forms within historical and cultural contexts. History of Art will be taught at the college level using college-level materials. The course includes strategies for taking the College Board Advanced Placement Exam in Art History. An agreement is required with student, parent, and teacher before participating in the class.

00736 AP ART STUDIO IV - 2-D DESIGN, 1 credit

GPA Level: Advanced Placement

 Grade Level(s): 9-12 Service ID: A3500400

 Prerequisite(s): **One credit from Art II level course; List driven, limited enrollment course. Teacher recommendation and portfolio review required for placement.**

AP Art courses are Honors courses for the highly motivated art student. These courses are designed to assist students in preparing a portfolio of artistic development in several areas: creating visual ideas, critically analyzing their artworks and the works of others, creating exemplary works of art and committing to a self-determined area of concentration or special interest. Twenty-five to thirty works of art will be produced in each course. To receive AP credit through the College Board, students must submit a portfolio of artworks in the following categories: Quality—5 actual drawings; Concentration—12 works in slide form, and Breadth—12 works in Two-Dimensional Design and Drawing and 8 works in Three-Dimensional Design all in slide form. A student may submit up to three portfolios for college credit while in high school. An agreement is required between student, parent, and teacher before participating in these classes.

There is a \$20.00 art materials fee assessed each semester.

01063 AP MUSIC THEORY, 1 credit

GPA Level: Advanced Placement

 Grade Level(s): 9-12 Service ID: A3150200

 Prerequisite(s): **Teacher recommendation & proof of prior instrumental or vocal individual or group experience.**

This course is a one year study of Music Theory taught at the college level using college-level materials. The course includes strategies for taking the College Board Advanced Placement Exam in Music Theory. An agreement is required with student, parent, and teacher before participating in the class. Students who wish to enroll in this course should have exceptional knowledge in recognizing, understanding and describing the concepts of music through aural, sight-singing, written, compositional, analytical skills. Additionally, course content will include mastery of rudiments and terminology of advanced music, including hearing and notating pitches, intervals, scales and keys, chords, meter and rhythm. The course includes opportunity to take the AP Music Theory examination upon completion of the course.

00716 AP STUDIO ART - 2-D DESIGN, 1 credit

GPA Level: Advanced Placement

 Grade Level(s): 10-12 Service ID: A3500400

 Prerequisite(s): **One credit from each previous level AND/OR teacher recommendation and portfolio review required for placement.**

AP Art courses are Honors courses for the highly motivated art student. These courses are designed to assist students in preparing a portfolio of artistic development in several areas: creating visual ideas, critically analyzing their artworks, creating exemplary works of art and committing to a self-determined area of Sustained Investigation or special interest. Fifteen to twenty works of art will be produced in each course. To receive AP credit through the College Board, students must submit a portfolio of artworks in the following categories: Selected Works – 5 physical works or high-quality printed reproductions of physical works that each demonstrate synthesis of materials, processes, and ideas using 2-D art and design skills; Sustained Investigation – 15 digital images of works of art and process documentation that demonstrate sustained investigation through practice, experimentation, and revision of a particular 2D design concern. A student may submit up to three portfolios for college credit while in high school. An agreement is required between student, parent, and teacher before participating in these classes.

A materials fee of \$20.00 will be assessed each semester. See appendix.

00726 AP STUDIO ART - 3-D DESIGN, 1 credit

GPA Level: Advanced Placement

 Grade Level(s): 10-12 Service ID: A3500500

 Prerequisite(s): **One credit from each previous level AND/OR teacher recommendation and portfolio review required for placement.**

AP Art courses are Honors courses for the highly motivated art student. These courses are designed to assist students in preparing a portfolio of artistic development in several areas: creating visual ideas, critically analyzing their artworks, creating exemplary works of art and committing to a self-determined area of concentration or special interest. To receive AP credit through the College Board, students must submit a portfolio of artworks in the following categories: Selected works – 10 digital images consisting of two views each of five works that demonstrate synthesis of materials, processes, and ideas using 3-D art and design skills; Sustained Investigation – 15 digital images of works of art and process documentation that demonstrate sustained investigation through practice, experimentation, and

FINE ARTS

Service ID:

revision. A student may submit up to three portfolios for college credit while in high school. An agreement is required between student, parent, and teacher before participating in these classes.

A materials fee of \$20.00 will be assessed each semester. See appendix.

FINE ARTS

Service ID: 00723 AP STUDIO ART - DRAWING, 1 credit GPA Level: Advanced Placement
Grade Level(s): 10-12 A3500300
Prerequisite(s): **One credit from each previous level AND/OR teacher recommendation and portfolio review required for placement.**

AP Art courses are Honors courses for the highly motivated art student. These courses are designed to assist students in preparing a portfolio of artistic development in several areas: creating visual ideas, critically analyzing their artworks, creating exemplary works of art and committing to a self-determined area of Sustained Investigation or special interest. Fifteen to twenty works of art will be produced in each course. To receive AP credit through the College Board, students must submit a portfolio of artworks in the following categories: Selected Works – 5 physical works or high-quality printed reproductions of physical works that each demonstrate synthesis of materials, processes, and ideas using drawing skills; Sustained Investigation – 15 digital images of works of art and process documentation that demonstrate sustained investigation through practice, experimentation, and revision of a particular drawing concern. A student may submit up to three portfolios for college credit while in high school. An agreement is required between student, parent, and teacher before participating in these classes.

A materials fee of \$20.00 will be assessed each semester. See appendix.

01113 APPLIED MUSIC I, 1 credit GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03152500
Prerequisite(s): **Teacher recommendation.**

The purpose of Applied Music is to enable students to advance their proficiency in vocal or instrumental performance. The courses address the specific needs of each student and provide individualized instruction through the medium of challenging literature for study and performance. Enrollment in the courses and the establishment of time parameters are determined by agreements between students and the schools. The Student Agreement outlines basic course requirements. Students, parents, teachers and administrators should be aware of all agreement stipulations and requirements prior to registration.

01123 APPLIED MUSIC II, 1 credit GPA Level: Regular

Grade Level(s): 10-12 Service ID: 03152600
Prerequisite(s): **Successful completion of APPLIED MUSIC I. Teacher recommendation**

The purpose of Applied Music is to enable students to advance their proficiency in vocal or instrumental performance. The courses address the specific needs of each student and provide individualized instruction through the medium of challenging literature for study and performance. Enrollment in the courses and the establishment of time parameters are determined by agreements between students and the schools. The Student Agreement outlines basic course requirements. Students, parents, teachers and administrators should be aware of all agreement stipulations and requirements prior to registration.

ARTS 1301 Art Appreciation, 1/2 Credit GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 03500300 **Meets Art III requirement**
Prerequisite(s): **Art I and Art II and meet Dual Credit Requirements - See Lee College Catalog**

A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art within formal, cultural, and historical contexts.

ARTS 1303 Art History I, 1/2 Credit GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 03500300 **Meets Art III requirement**
Prerequisite(s): **Art I and Art II and meet Dual Credit Requirements - See Lee College Catalog**

A chronological analysis of the historical and cultural contexts of the visual arts from prehistoric times to the 14th century.

00613 ART I, 1 credit GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03500100
Prerequisite(s): **None**

Art I is the first course in the high school art sequence and is predominantly a studio course. In the first semester, students explore the elements of art, composition and basics of drawing. Second semester topics include principles of design and the exploration of color.

FINE ARTS

GPA Level: Regular

Service ID:

Exemplary works of artists from the past and present are examined and discussed. Art projects are designed to build student confidence. Career opportunities in the art field are introduced.

A materials fee of \$10.00 will be assessed each semester. See appendix.

00623 ART II - 2-D, 1 credit

Grade Level(s): 10-12

03500500

Prerequisite(s): **One credit from Art I AND/OR teacher recommendation and portfolio review required for placement.**

Art II: 2-D expands the understanding and skills introduced in Art I. This course is an independent study studio class designed to strengthen the students' skills in various media. Students will experiment with a variety of materials and skills in two-dimensional media. At the end of each semester, 3 complete portfolio quality works of art must be submitted for review and critique. The specific media covered will depend on availability of staff, facilities, and sufficient enrollment of students interested in that medium.

A materials fee of \$15.00 assessed each semester. See appendix.

00633 ART II - 3-D, 1 credit

GPA Level: Regular

Grade Level(s): 10-12

Service ID: 03500900

Prerequisite(s): **One credit from Art I AND/OR teacher recommendation and portfolio review required for placement.**

Art II: 3-D expands the understanding and skills introduced in Art I. This course is an independent study studio class designed to strengthen the students' skills in various media. Students will experiment with a variety of materials and skills in three-dimensional media. At the end of each semester, 3 complete portfolio quality works of art must be submitted for review and critique. The specific media covered will depend on availability of staff, facilities, and sufficient enrollment of students interested in that medium.

A materials fee of \$15.00 is assessed each semester. See appendix.

00683 ART II PRE-AP (2-D), 1 credit

GPA Level: Pre-AP

Grade Level(s): 9-12

Service ID: 03500500

Prerequisite(s): **One credit from Art I AND/OR teacher recommendation and portfolio review required for placement.**

Art II Pre-AP (2-D) is designed to prepare the student for the rigor of curriculum involved in the successful pursuit of Advanced Placement art classes offered as Drawing, 2D Design, and 3D Design Portfolio classes. An agreement is required between student, parent, and teacher before participating in these classes. At the end of each semester, 4 complete portfolio quality works of art must be submitted for review and critique.

A materials fee of \$15.00 will be assessed each semester. See appendix.

00693 ART II PRE-AP (3-D), 1 credit

GPA Level: Pre-AP

Grade Level(s): 9-12

Service ID: 03500900

Prerequisite(s): **One credit from Art I AND/OR teacher recommendation and portfolio review required for placement.**

Art II Pre-AP (3-D) is designed to prepare the student for the rigor of curriculum involved in the successful pursuit of Advanced Placement art classes offered as Drawing, 2D Design, and 3D Design Portfolio classes. An agreement is required between student, parent, and teacher before participating in these classes. At the end of each semester, 4 complete portfolio quality works of art must be submitted for review and critique.

A materials fee of \$15.00 will be assessed each semester. See appendix.

00643 ART III - 2-D, 1 credit

GPA Level: Regular

Grade Level(s): 10-12

Service ID: 03501300

Prerequisite(s): **One credit from each previous level AND/OR teacher recommendation and portfolio review required for placement.**

Art III: 2-D expands the understanding and skills introduced in Art II. This course is an independent study studio class designed to strengthen the students' skills in various media. Students will experiment with a variety of materials and skills in two-dimensional media. At the end of each semester, 4 complete portfolio quality works of art must be submitted for review and critique. The specific media covered will depend on availability of staff, facilities, and sufficient enrollment of students interested in that medium.

FINE ARTS

GPA Level: Regular

Service ID:

A materials fee of \$15.00 will be assessed each semester. See appendix

00653 ART III - 3-D, 1 credit

GPA Level: Regular

Grade Level(s): 10-12

Service ID: 03501800

Prerequisite(s): **One credit from each previous level AND/OR teacher recommendation and portfolio review required for placement.**

Art III: 3-D expands the understanding and skills introduced in Art II. This course is an independent study studio class designed to strengthen the students' skills in various media. Students will experiment with a variety of materials and skills in three-dimensional media. At the end of each semester, 4 complete portfolio quality works of art must be submitted for review and critique. The specific media covered will depend on availability of staff, facilities, and sufficient enrollment of students interested in that medium.

A materials fee of \$15.00 will be assessed each semester. See appendix.

00663 ART IV - 2-D, 1 credit

Grade Level(s): 11-12

03502300

Prerequisite(s): **One credit from each previous level AND/OR teacher recommendation and portfolio review required for placement.**

Art IV: 2-D expands the understanding and skills introduced in Art III. This course is an independent study studio class designed to strengthen the students' skills in various media. Students will experiment with a variety of materials and skills in two-dimensional media. At the end of each semester, 5 complete portfolio quality works of art must be submitted for review and critique. The specific media covered will depend on availability of staff, facilities, and sufficient enrollment of students interested in that medium.

A materials fee of \$15.00 will be assessed each semester. See appendix

00673 ART IV - 3-D, 1 credit

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 03502800

Prerequisite(s): **One credit from each previous level AND/OR teacher recommendation and portfolio review required for placement.**

Art IV: 3-D expands the understanding and skills introduced in Art III. This course is an independent study studio class designed to strengthen the students' skills in various media. Students will experiment with a variety of materials and skills in three-dimensional media. At the end of each semester, 5 complete portfolio quality works of art must be submitted for review and critique. The specific media covered will depend on availability of staff, facilities, and sufficient enrollment of students interested in that medium.

A materials fee of \$15.00 will be assessed each semester. See appendix.

00783 ASL CHOIR I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03250100

Fine Arts Credit

Prerequisite(s): **One credit of foreign language in American Sign Language or teacher recommendation**

ASL Choir I includes performance and dramatic interpretation involving the use of sign language, music, and drama. Students will perform plays, skits, poetry, songs, and interpret songs. The students will also develop an awareness of deaf culture. This course counts as a Fine Arts Credit.

00784 ASL CHOIR II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03250200

Fine Arts Credit

Prerequisite(s): **One credit of foreign language in American Sign Language or teacher recommendation**

This course includes performance and dramatic interpretation involving the use of sign language, music, and drama. Students will perform plays, skits, poetry, songs, and interpret songs. The students will also develop an awareness of deaf culture. This course counts as a Fine Arts Credit.

00785 ASL CHOIR III, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03250300

Fine Arts Credit

Prerequisite(s): **One credit of foreign language in American Sign Language or teacher recommendation**

FINE ARTS

GPA Level: Regular

Service ID:

This course includes performance and dramatic interpretation involving the use of sign language, music, and drama. Students will perform plays, skits, poetry, songs, and interpret songs. The students will also develop an awareness of deaf culture. This course counts as a Fine Arts credit.

00786 ASL CHOIR IV, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03250400

Fine Arts Credit

Prerequisite(s): **One credit of foreign language in American Sign Language or teacher recommendation**

This course includes performance and dramatic interpretation involving the use of sign language, music, and drama. Students will perform plays, skits, poetry, songs, and interpret songs. The students will also develop an awareness of deaf culture. This course counts as a Fine Arts credit.

00943 BAND I - JAZZ I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03151300

Prerequisite(s): **Completion of or concurrent enrollment in a BAND course - as Jazz Band I is an extension of prior musical skills and requires experience on an assigned instrument. This is a list driven, limited enrollment course.** 1st Year—Many of the activities of this course occur outside the normal school hours as an extension of the classroom lesson plan. As such, they are considered “co-curricular” activities under TEA rules. Attendance is required and considered a part of the student’s grade in class. Members of the jazz band ensemble may be required to perform concerts for community and district events. To be eligible for enrollment in jazz band, students must be concurrently enrolled in a BAND course.

Students in this ensemble typically audition for the TMEA All-State process for Jazz Band in the fall semester as part of the course.

00913 BAND I - CADET, 1 credit

Grade Level(s): 9-12

03150100

Prerequisite(s): **This is a list driven, limited enrollment course. For placement into the proper section or Varsity; Teacher recommendation is required for any student who has not completed eighth-grade band requirements.** 1st Year - This course is designed to initiate the student’s opportunity to develop and exhibit both performance and marching skills in the band program. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Additional opportunities for audition and reassignment are available during the year. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

The student will earn 0.5 PE substitution credit (fall semester) and 1.0 Fine Arts credit upon course completion.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00923 BAND I - CONCERT BAND, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03150100

Prerequisite(s): **This is a list driven, limited enrollment course. For placement into the proper section or Varsity; Teacher recommendation is required for any student who has not completed eighth-grade band requirements.** 1st Year - This course is designed to initiate the student’s opportunity to develop and exhibit both performance and marching skills in the band program. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Additional opportunities for audition and reassignment are available during the year. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

The student will earn 0.5 PE substitution credit (fall semester) and 1.0 Fine Arts credit upon course completion.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00907 BAND I - PERCUSSION BATTERY, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03151700

FINE ARTS

GPA Level: Regular

Service ID:

Prerequisite(s): **This is a list driven, limited enrollment course. For placement into the proper section or Varsity; Teacher recommendation is required for any student who has not completed eighth-grade band requirements in percussion.**

These courses are designed to provide the student with the opportunity to develop and exhibit both performance and marching skills. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Those students with the highest skill levels will be placed in Symphonic Band. All other students will be placed in Concert Band or Varsity Band, as their skill levels and the instrumentation needs of the ensemble dictate. Additional opportunities for audition and reassignment are available during the year. Typically, fees are charged for some activities of the ensemble (instrument rental, uniform accessories, extracurricular travel expense, etc.).

The student will earn 0.5 PE substitution credit (fall semester) and 1.0 Fine Arts credit upon course completion.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00903 BAND I - PERCUSSION PIT, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03151700

Prerequisite(s): **This is a list driven, limited enrollment course. For placement into the proper section or Varsity; Teacher recommendation is required for any student who has not completed eighth-grade band requirements in percussion.**

These courses are designed to provide the student with the opportunity to develop and exhibit both performance and marching skills. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Those students with the highest skill levels will be placed in Symphonic Band. All other students will be placed in Concert Band or Varsity Band, as their skill levels and the instrumentation needs of the ensemble dictate. Additional opportunities for audition and reassignment are available during the year.

The student will earn 0.5 PE substitution credit (fall semester) and 1.0 Fine Arts credit upon course completion.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00933 BAND I - SYMPHONIC, 1 credit

Grade Level(s): 9-12

03150100

Prerequisite(s): **This is a list driven, limited enrollment course. For placement into the proper section or Varsity; Teacher recommendation is required for any student who has not completed eighth-grade band requirements.**

1st Year - This continued course is designed to provide the student with the opportunity to develop and exhibit both performance and marching skills. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Those students with the highest skill levels will be placed in Symphonic Band. All other students will be placed in bands based individual skill levels and the instrumentation needs of the ensemble. Additional opportunities for audition and reassignment are available during the year.

Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble. Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

The student will earn 0.5 PE substitution credit (fall semester) and 1.0 Fine Arts credit upon course completion.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00917 BAND I - WIND ENSEMBLE, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03150100

Prerequisite(s): **This is a list driven, limited enrollment course. For placement into the proper section or Varsity; Teacher recommendation is required for any student who has not completed eighth-grade band requirements.** 1st Year - This course is

FINE ARTS

GPA Level: Regular

Service ID:

designed to initiate the student's opportunity to develop and exhibit both performance and marching skills in the band program. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Additional opportunities for audition and reassignment are available during the year. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

The student will earn 0.5 PE substitution credit (fall semester) and 1.0 Fine Arts credit upon course completion.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00914 BAND II - CADET, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03150200

Prerequisite(s): **Successful completion of BAND I - CADET. This is a list driven, limited enrollment course.**

2nd Year - This course is designed to continue the student's opportunity to develop and exhibit both performance and marching skills in the band program. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Additional opportunities for audition and reassignment are available during the year. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

The student will earn 0.5 PE substitution credit (fall semester) and 1.0 Fine Arts credit upon course completion.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00924 BAND II - CONCERT BAND, 1 credit

Grade Level(s): 9-12 Service ID: 03150200

Prerequisite(s): **Successful completion of BAND I - CONCERT. This is a list driven, limited enrollment course.**

2nd Year - This course is designed to continue the student's opportunity to develop and exhibit both performance and marching skills in the band program. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Additional opportunities for audition and reassignment are available during the year. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

The student will earn 0.5 PE substitution credit (fall semester) and 1.0 Fine Arts credit upon course completion.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00944 BAND II - JAZZ, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03151400

Prerequisite(s): **Completion of BAND I - JAZZ. This is a list driven, limited enrollment course.**

2nd Year—Many of the activities of this course occur outside the normal school hours as an extension of the classroom lesson plan. As such, they are considered “co-curricular” activities under TEA rules. Attendance is required and considered a part of the student’s grade in class. Members of the jazz band ensemble may be required to perform concerts for community and district events. To be eligible for enrollment in jazz band, students must be concurrently enrolled in a BAND course.

Students will audition for the TMEA All-State process for Jazz Band in the fall semester as part of the course.

00904 BAND II - PERCUSSION PIT, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03151800

Prerequisite(s): **Completion of BAND I - PERCUSSION PIT. This is a list driven, limited enrollment course.**

These courses are designed to provide the student with the opportunity to develop and exhibit both performance and marching skills.

FINE ARTS

GPA Level: Regular

Service ID:

Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Those students with the highest skill levels will be placed in Symphonic Band. All other students will be placed in Concert Band or Varsity Band, as their skill levels and the instrumentation needs of the ensemble dictate. Additional opportunities for audition and reassignment are available during the year.

The student will earn 0.5 PE substitution credit (fall semester) and 1.0 Fine Arts credit upon course completion.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00934 BAND II - SYMPHONIC, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03150200

Prerequisite(s): **Completion of BAND I - SYMPHONIC. This is a list driven, limited enrollment course.**

2nd Year - This continued course is designed to provide the student with the opportunity to develop and exhibit both performance and marching skills. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Those students with the highest skill levels will be placed in Symphonic Band. All other students will be placed in bands based individual skill levels and the instrumentation needs of the ensemble. Additional opportunities for audition and reassignment are available during the year.

Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

The student will earn 0.5 PE substitution credit (fall semester) and 1.0 Fine Arts credit upon course completion.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00918 BAND II - WIND ENSEMBLE, 1 credit

Grade Level(s): 9-12

03150200

Prerequisite(s): **Completion of BAND I - WIND ENSEMBLE. This is a list driven, limited enrollment course.**

2nd Year - This course is designed to continue the student's opportunity to develop and exhibit both performance and marching skills in the band program. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Additional opportunities for audition and reassignment are available during the year. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

The student will earn 0.5 PE substitution credit (fall semester) and 1.0 Fine Arts credit upon course completion.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00908 BAND II - PERCUSSION BATTERY, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03151800

Prerequisite(s): **Completion of BAND I - PERCUSSION BATTERY. This is a list driven, limited enrollment course.**

These courses are designed to provide the student with the opportunity to develop and exhibit both performance and marching skills. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Those students with the highest skill levels will be placed in Symphonic Band. All other students will be placed in Concert Band or Varsity Band, as their skill levels and the instrumentation needs of the ensemble dictate. Additional opportunities for audition and reassignment are available during the year.

The student will earn 0.5 PE substitution credit (fall semester) and 1.0 Fine Arts credit upon course completion.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00915

GPA Level: Regular

FINE ARTS

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03150300
Service ID: 03150300

Prerequisite(s): **Successful completion of BAND II - CADET. This is a list driven, limited enrollment course.**

3rd Year - This course is designed to continue the student's opportunity to develop and exhibit both performance and marching skills in the band program. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Additional opportunities for audition and reassignment are available during the year. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00925 BAND III - CONCERT BAND, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03150300

Prerequisite(s): **Completion of BAND II - CONCERT . This is a list driven, limited enrollment course.**

3rd Year - This course is designed to continue the student's opportunity to develop and exhibit both performance and marching skills in the band program. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Additional opportunities for audition and reassignment are available during the year. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00945 BAND III - JAZZ, 1 credit

Grade Level(s): 9-12 03151500

Prerequisite(s): **Completion of BAND II - JAZZ. This is a list driven, limited enrollment course.**

3rd Year—Many of the activities of this course occur outside the normal school hours as an extension of the classroom lesson plan. As such, they are considered “co-curricular” activities under TEA rules. Attendance is required and considered a part of the student’s grade in class. Members of the jazz band ensemble may be required to perform concerts for community and district events. To be eligible for enrollment in jazz band, students must be concurrently enrolled in a BAND course.

Students will audition for the TMEA All-State process for Jazz Band in the fall semester as part of the course.

00905 BAND III - PERCUSSION PIT, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03151900

Prerequisite(s): **Completion of BAND II - PERCUSSION PIT. This is a list driven, limited enrollment course.**

These courses are designed to provide the student with the opportunity to develop and exhibit both performance and marching skills. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Those students with the highest skill levels will be placed in Symphonic Band. All other students will be placed in Concert Band or Varsity Band, as their skill levels and the instrumentation needs of the ensemble dictate. Additional opportunities for audition and reassignment are available during the year.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00935 BAND III - SYMPHONIC, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03150300

Prerequisite(s): **Completion of BAND II - SYMPHONIC. This is a list driven, limited enrollment course.**

3rd Year - This continued course is designed to provide the student with the opportunity to develop and exhibit both performance and marching skills. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Those students with the highest skill levels will be placed in Symphonic Band. All other students will be placed in bands based individual skill levels and the instrumentation needs of the ensemble. Additional opportunities for audition and reassignment are available during the year.

FINE ARTS

GPA Level: Regular

Service ID:

Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble. Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00919 BAND III - WIND ENSEMBLE, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03150300

Prerequisite(s): **Completion of BAND II - WIND ENSEMBLE. This is a list driven, limited enrollment course.**

3rd Year - This course is designed to continue the student's opportunity to develop and exhibit both performance and marching skills in the band program. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Additional opportunities for audition and reassignment are available during the year. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00909 BAND III - PERCUSSION BATTERY, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03151900

Prerequisite(s): **Completion of BAND II - PERCUSSION BATTERY. This is a list driven, limited enrollment course.**

These courses are designed to provide the student with the opportunity to develop and exhibit both performance and marching skills. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Those students with the highest skill levels will be placed in Symphonic Band. All other students will be placed in Concert Band or Varsity Band, as their skill levels and the instrumentation needs of the ensemble dictate. Additional opportunities for audition and reassignment are available during the year.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00916 BAND IV - CADET, 1 credit

Grade Level(s): 9-12 03150400

Prerequisite(s): **Successful completion of BAND III - CADET. This is a list driven, limited enrollment course.**

4th Year - This course is designed to continue the student's opportunity to develop and exhibit both performance and marching skills in the band program. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Additional opportunities for audition and reassignment are available during the year. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00926 BAND IV - CONCERT BAND, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03150400

Prerequisite(s): **Completion of BAND III - CONCERT . This is a list driven, limited enrollment course.**

4th Year - This course is designed to continue the student's opportunity to develop and exhibit both performance and marching skills in the band program. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Additional opportunities for audition and reassignment are available during the year. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00946 BAND IV - JAZZ, 1 credit

GPA Level: Regular

FINE ARTS

GPA Level: Regular

Service ID:

Grade Level(s): 9-12 Service ID: 03151600

Prerequisite(s): **Completion of BAND III - JAZZ. This is a list driven, limited enrollment course.**

4th Year—Many of the activities of this course occur outside the normal school hours as an extension of the classroom lesson plan. As such, they are considered “co-curricular” activities under TEA rules. Attendance is required and considered a part of the student’s grade in class. Members of the jazz band ensemble may be required to perform concerts for community and district events. To be eligible for enrollment in jazz band, students must be concurrently enrolled in a BAND course.

Students will audition for the TMEA All-State process for Jazz Band in the fall semester as part of the course. Completion of BAND I JAZZ. This is a list driven, limited enrollment course.

00906 BAND IV - PERCUSSION PIT, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03152000

Prerequisite(s): **Completion of BAND III - PERCUSSION PIT. This is a list driven, limited enrollment course.**

These courses are designed to provide the student with the opportunity to develop and exhibit both performance and marching skills. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Those students with the highest skill levels will be placed in Symphonic Band. All other students will be placed in Concert Band or Varsity Band, as their skill levels and the instrumentation needs of the ensemble dictate. Additional opportunities for audition and reassignment are available during the year.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00936 BAND IV - SYMPHONIC, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03150400

Prerequisite(s): **Completion of BAND III - SYMPHONIC. This is a list driven, limited enrollment course.**

4th Year - This continued course is designed to provide the student with the opportunity to develop and exhibit both performance and marching skills. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Those students with the highest skill levels will be placed in Symphonic Band. All other students will be placed in bands based individual skill levels and the instrumentation needs of the ensemble. Additional opportunities for audition and reassignment are available during the year.

Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble. Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00920 BAND IV - WIND ENSEMBLE, 1 credit

Grade Level(s): 9-12 Service ID: 03150400

Prerequisite(s): **Completion of BAND III - WIND ENSEMBLE. This is a list driven, limited enrollment course.**

4th Year - This course is designed to continue the student's opportunity to develop and exhibit both performance and marching skills in the band program. Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Additional opportunities for audition and reassignment are available during the year. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

00910 BAND IV - PERCUSSION BATTERY, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03152000

Prerequisite(s): **Completion of BAND III - PERCUSSION BATTERY. This is a list driven, limited enrollment course.**

These courses are designed to provide the student with the opportunity to develop and exhibit both performance and marching skills.

FINE ARTS

GPA Level: Regular

Service ID:

Participation in marching band is required. The student will continue the introduction to band literature that was begun in junior school. Students are auditioned at the beginning of each year and, based upon their exhibited performance abilities, are placed in one of several bands. Those students with the highest skill levels will be placed in Symphonic Band. All other students will be placed in Concert Band or Varsity Band, as their skill levels and the instrumentation needs of the ensemble dictate. Additional opportunities for audition and reassignment are available during the year.

A \$95.00 band uniform, maintenance and supply fee will be assessed each year.

01013 CHOIR I - BEGINNERS, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03150900

Prerequisite(s): **Prior experience in a school choir is helpful but not required.**

A choral ensemble for inexperienced singers with no audition required. SATB choral repertoire will be studied and performed. Basic vocal technique, music reading skills, ensemble performance skills, and solo singing skills will be developed in this class. Participation in the Texas Music Educators Association Region Choir Audition is suggested but not required. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities.

A \$60.00 choir supply fee will be assessed each year.

01053 CHOIR I - BOYS CHOIR, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03150900

Prerequisite(s): **Prior experience in a junior school choir is helpful, but not required.**

A choral ensemble for inexperienced singers with no audition required. Tenor/Bass choral repertoire will be studied and performed. Basic vocal technique, music reading skills and ensemble performance skills will be developed in this class. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities.

A \$60.00 choir supply fee will be assessed each year.

01103 CHOIR I - CONCERT, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03152100

Prerequisite(s): **This is a list driven, limited enrollment course. For placement into the proper section/ensemble; Teacher recommendation is required for any student who has not completed eighth-grade choral fundamental requirements.**

A small choral ensemble for experienced and skilled singers with an audition required. SATB choral repertoire appropriate for a small choral ensemble will be studied and performed, with an emphasis on popular and jazz styles. Advanced vocal technique, advanced music reading skills, advanced ensemble performance skills, and solo singing skills will be developed in this class. Students must be enrolled simultaneously in one of the other choral ensembles. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities. Students enrolled in this course will participate in the UIL Concert and Sight Reading contest in the spring semester.

A \$60.00 choir supply fee will be assessed each year.

01023 CHOIR I - SYMPHONIC, 1 credit

Grade Level(s): 9-12

03150900

Prerequisite(s): **This is a list-driven, limited enrollment course. Demonstration of vocal and music reading skills required for the performance level of this ensemble.**

1st Year - A choral ensemble for experienced and skilled singers with an audition required. SATB choral repertoire will be studied and performed. Advanced vocal technique, advanced music reading skills, advanced ensemble performance skills, and solo singing skills will be developed in this class. Students in this ensemble will participate in the UIL Concert & Sight Reading contest in the spring semester as well as various campus concerts throughout the year.

Participation in the Texas Music Educators Association Region Choir Audition process, as well as the UIL Solo / Ensemble Contest are required. This is the most advanced of the choral ensembles. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities.

FINE ARTS

GPA Level: Regular

Service ID:

A \$60.00 choir supply fee will be assessed each year.

01043 CHOIR I - TREBLE A, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03150900

Prerequisite(s): **Successful completion of junior school choir fundamentals and director recommendation. This is a listdriven, limited enrollment course.**

A choral ensemble for experienced singers with an audition required. Treble (Soprano/Alto) choral repertoire will be studied and performed. Basic vocal technique, advanced music reading skills, and advanced ensemble performance skills will be developed in this class. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities. Participation in the UIL Concert & Sight Reading contest is a requirement of the course.

A \$60.00 choir supply fee will be assessed each year.

01033 CHOIR I - TREBLE B, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03150900

Prerequisite(s): **Prior experience in a junior school choir is helpful but not required**

A choral ensemble for inexperienced singers with no audition required. Treble (Soprano/Alto) choral repertoire will be studied and performed. Basic vocal technique, music reading skills, and ensemble performance skills will be developed in this class. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities.

A \$60.00 choir supply fee will be assessed each year.

01014 CHOIR II - BEGINNERS, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03151000

Prerequisite(s): **Successful completion of CHOIR I - BEGINNERS.**

A choral ensemble for inexperienced singers with no audition required. SATB choral repertoire will be studied and performed. Basic vocal technique, music reading skills, ensemble performance skills, and solo singing skills will be developed in this class. Participation in the Texas Music Educators Association Region Choir Audition is suggested but not required. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities.

A \$60.00 choir supply fee will be assessed each year.

01054 CHOIR II - BOYS CHOIR, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03151000

Prerequisite(s): **Successful completion of CHOIR I - BOYS CHOIR.**

A choral ensemble for inexperienced singers with no audition required. Tenor/Bass choral repertoire will be studied and performed. Basic vocal technique, music reading skills and ensemble performance skills will be developed in this class. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities.

A \$60.00 choir supply fee will be assessed each year.

01104 CHOIR II - CONCERT, 1 credit

Grade Level(s): 9-12

03152200

Prerequisite(s): **Successful completion of CHOIR I - CONCERT. Teacher recommendation.**

A small choral ensemble for experienced and skilled singers with an audition required. SATB choral repertoire appropriate for a small choral ensemble will be studied and performed, with an emphasis on popular and jazz styles. Advanced vocal technique, advanced music reading skills, advanced ensemble performance skills, and solo singing skills will be developed in this class. Students must be enrolled simultaneously in one of the other choral ensembles. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have

FINE ARTS

GPA Level: Regular

Service ID:

many solo and group performance opportunities. Students enrolled in this course will participate in the UIL Concert and Sight Reading contest in the spring semester.

A \$60.00 choir supply fee will be assessed each year.

01024 CHOIR II - SYMPHONIC, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03151000

Prerequisite(s): **Successful completion of CHOIR I - SYMPHONIC. This is a list-driven, limited enrollment course.**

2nd Year - A choral ensemble for experienced and skilled singers with an audition required. SATB choral repertoire will be studied and performed. Advanced vocal technique, advanced music reading skills, advanced ensemble performance skills, and solo singing skills will be developed in this class. Students in this ensemble will participate in the UIL Concert & Sight Reading contest in the spring semester as well as various campus concerts throughout the year.

Participation in the Texas Music Educators Association Region Choir Audition process, as well as the UIL Solo / Ensemble Contest are required. This is the most advanced of the choral ensembles. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities.

A \$60.00 choir supply fee will be assessed each year.

01044 CHOIR II - TREBLE A, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03151000

Prerequisite(s): **Successful completion of CHOIR II - TREBLE A. This is a list-driven, limited enrollment course.**

A choral ensemble for experienced singers with an audition required. Treble (Soprano/Alto) choral repertoire will be studied and performed. Basic vocal technique, advanced music reading skills, and advanced ensemble performance skills will be developed in this class. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities. Participation in the UIL Concert & Sight Reading contest is a requirement of the course.

A \$60.00 choir supply fee will be assessed each year.

01034 CHOIR II - TREBLE B, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03151000

Prerequisite(s): **Prior experience in a school choir is helpful but not required**

A choral ensemble for inexperienced singers with no audition required. Treble (Soprano/Alto) choral repertoire will be studied and performed. Basic vocal technique, music reading skills, and ensemble performance skills will be developed in this class. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities.

A \$60.00 choir supply fee will be assessed each year.

01015 CHOIR III - BEGINNERS, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03151100

Prerequisite(s): **Successful completion of CHOIR II - BEGINNERS.**

A choral ensemble for inexperienced singers with no audition required. SATB choral repertoire will be studied and performed. Basic vocal technique, music reading skills, ensemble performance skills, and solo singing skills will be developed in this class. Participation in the Texas Music Educators Association Region Choir Audition is suggested but not required. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities.

A \$60.00 choir supply fee will be assessed each year.

FINE ARTS

GPA Level: Regular

Service ID:

01055 CHOIR III - BOYS CHOIR, 1 credit

Grade Level(s): 9-12

03151100

Prerequisite(s): **Successful completion of CHOIR II - BOYS CHOIR.**

A choral ensemble for inexperienced singers with no audition required. Tenor/Bass choral repertoire will be studied and performed. Basic vocal technique, music reading skills and ensemble performance skills will be developed in this class. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities.

A \$60.00 choir supply fee will be assessed each year.

01105 CHOIR III - CONCERT, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03152300

Prerequisite(s): **Successful completion of CHOIR II - CONCERT. Teacher recommendation.**

A small choral ensemble for experienced and skilled singers with an audition required. SATB choral repertoire appropriate for a small choral ensemble will be studied and performed, with an emphasis on popular and jazz styles. Advanced vocal technique, advanced music reading skills, advanced ensemble performance skills, and solo singing skills will be developed in this class. Students must be enrolled simultaneously in one of the other choral ensembles. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities. Students enrolled in this course will participate in the UIL Concert and Sight Reading contest in the spring semester.

A \$60.00 choir supply fee will be assessed each year.

01025 CHOIR III - SYMPHONIC, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03151100

Prerequisite(s): **Successful completion of CHOIR II - SYMPHONIC. This is a list-driven, limited enrollment course.**

3rd Year - A choral ensemble for experienced and skilled singers with an audition required. SATB choral repertoire will be studied and performed. Advanced vocal technique, advanced music reading skills, advanced ensemble performance skills, and solo singing skills will be developed in this class. Students in this ensemble will participate in the UIL Concert & Sight Reading contest in the spring semester as well as various campus concerts throughout the year.

Participation in the Texas Music Educators Association Region Choir Audition process, as well as the UIL Solo / Ensemble Contest are required. This is the most advanced of the choral ensembles. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities.

A \$60.00 choir supply fee will be assessed each year.

01045 CHOIR III - TREBLE A, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03151100

Prerequisite(s): **Successful completion of CHOIR II - TREBLE A. This is a list-driven, limited enrollment course.**

A choral ensemble for experienced singers with an audition required. Treble (Soprano/Alto) choral repertoire will be studied and performed. Basic vocal technique, advanced music reading skills, and advanced ensemble performance skills will be developed in this class. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities. Participation in the UIL Concert & Sight Reading contest is a requirement of the course.

A \$60.00 choir supply fee will be assessed each year.

01035 CHOIR III - TREBLE B, 1 credit

Grade Level(s): 9-12

03151100

Prerequisite(s): **Prior experience in a school choir is helpful but not required**

FINE ARTS

GPA Level: Regular

Service ID:

A choral ensemble for inexperienced singers with no audition required. Treble (Soprano/Alto) choral repertoire will be studied and performed. Basic vocal technique, music reading skills, and ensemble performance skills will be developed in this class. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities.

A \$60.00 choir supply fee will be assessed each year.

01016 CHOIR IV - BEGINNERS, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03151200

Prerequisite(s): **Successful completion of CHOIR III - BEGINNERS.**

A choral ensemble for inexperienced singers with no audition required. SATB choral repertoire will be studied and performed. Basic vocal technique, music reading skills, ensemble performance skills, and solo singing skills will be developed in this class. Participation in the Texas Music Educators Association Region Choir Audition is suggested but not required. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities.

A \$60.00 choir supply fee will be assessed each year.

01056 CHOIR IV - BOYS CHOIR, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03151200

Prerequisite(s): **Successful completion of CHOIR III - BOYS CHOIR.**

A choral ensemble for inexperienced singers with no audition required. Tenor/Bass choral repertoire will be studied and performed. Basic vocal technique, music reading skills and ensemble performance skills will be developed in this class. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities.

A \$60.00 choir supply fee will be assessed each year.

01106 CHOIR IV - CONCERT, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03152400

Prerequisite(s): **Successful completion of CHOIR III - CONCERT. Teacher recommendation.**

A small choral ensemble for experienced and skilled singers with an audition required. SATB choral repertoire appropriate for a small choral ensemble will be studied and performed, with an emphasis on popular and jazz styles. Advanced vocal technique, advanced music reading skills, advanced ensemble performance skills, and solo singing skills will be developed in this class. Students must be enrolled simultaneously in one of the other choral ensembles. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities. Students enrolled in this course will participate in the UIL Concert and Sight Reading contest in the spring semester.

A \$60.00 choir supply fee will be assessed each year.

01026 CHOIR IV - SYMPHONIC, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03151200

Prerequisite(s): **Successful completion of CHOIR III - SYMPHONIC. This is a list-driven, limited enrollment course.**

4th Year - A choral ensemble for experienced and skilled singers with an audition required. SATB choral repertoire will be studied and performed. Advanced vocal technique, advanced music reading skills, advanced ensemble performance skills, and solo singing skills will be developed in this class. Students in this ensemble will participate in the UIL Concert & Sight Reading contest in the spring semester as well as various campus concerts throughout the year.

Participation in the Texas Music Educators Association Region Choir Audition process, as well as the UIL Solo / Ensemble Contest are required. This is the most advanced of the choral ensembles. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities.

FINE ARTS

GPA Level: Regular

Service ID:

A \$60.00 choir supply fee will be assessed each year.

01046 CHOIR IV - TREBLE A, 1 credit

Grade Level(s): 9-12

03151200

Prerequisite(s): **Successful completion of CHOIR III - TREBLE A. This is a list-driven, limited enrollment course.**

A choral ensemble for experienced singers with an audition required. Treble (Soprano/Alto) choral repertoire will be studied and performed. Basic vocal technique, advanced music reading skills, and advanced ensemble performance skills will be developed in this class. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities. Participation in the UIL Concert & Sight Reading contest is a requirement of the course.

A \$60.00 choir supply fee will be assessed each year.

01036 CHOIR IV - TREBLE B, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03151200

Prerequisite(s): **Prior experience in a school choir is helpful but not required**

A choral ensemble for inexperienced singers with no audition required. Treble (Soprano/Alto) choral repertoire will be studied and performed. Basic vocal technique, music reading skills, and ensemble performance skills will be developed in this class. The choral music program is designed to help students develop their singing talent, become knowledgeable musicians, and become responsible, dedicated, and caring citizens. Choir students will have many solo and group performance opportunities.

A \$60.00 choir supply fee will be assessed each year.

06553 DANCE I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03830100

Fine Arts Credit

Prerequisite(s): **None**

Students should enroll in this class only if they have a working vocabulary and knowledge of advanced skills in the study of dance. Students will be provided opportunities to teach and choreograph different dance forms. Their creations will be utilized in public performances. Prospective students and their parents should check with the instructor for audition information before enrolling. Course offering will depend upon availability of sufficient faculty, facilities, and enrollment.

A dance uniform fee of \$52.00 will be assessed each year.

06563 DANCE II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03830200

Fine Arts Credit

Prerequisite(s): **Successful completion of each previous level and audition teacher recommendation before enrolling in each level**

Students should enroll in this class only if they have a working vocabulary and knowledge of advanced skills in the study of dance. Students will be provided opportunities to teach and choreograph different dance forms. Their creations will be utilized in public performances. Prospective students and their parents should check with the instructor for audition information before enrolling. Course offering will depend upon availability of sufficient faculty, facilities, and enrollment.

A dance uniform fee of \$52.00 will be assessed each year.

06573 DANCE III, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03830300

Fine Arts Credit

Prerequisite(s): **Successful completion of each previous level and audition teacher recommendation before enrolling in each level**

Students should enroll in this class only if they have a working vocabulary and knowledge of advanced skills in the study of dance. Students will be provided opportunities to teach and choreograph different dance forms. Their creations will be utilized in public performances. Prospective students and their parents should check with the instructor for audition information before enrolling. Course offering will depend upon availability of sufficient faculty, facilities, and enrollment.

FINE ARTS

GPA Level: Regular

Service ID:

A dance uniform fee of \$52.00 will be assessed each year.

06583 DANCE IV, 1 credit

Grade Level(s): 9-12

03830400

Fine Arts Credit

Prerequisite(s): **Successful completion of each previous level and audition**

Students should enroll in this class only if they have a working vocabulary and knowledge of advanced skills in the study of dance. Students will be provided opportunities to teach and choreograph different dance forms. Their creations will be utilized in public performances. Prospective students and their parents should check with the instructor for audition information before enrolling. Course offering will depend upon availability of sufficient faculty, facilities, and enrollment.

A dance uniform fee of \$52.00 will be assessed each year.

06455 DRILL I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03833300

Prerequisite(s): **Audition required**

This course prepares dance students for rehearsals and public performances as members of the campus extra-curricular drill team. Audition is required and students are placed in the appropriate drill group based on skill level and ability. Students will learn fundamental skills in several dance techniques: ballet, modern, jazz, tap, folk, character, and ethnic. In addition, course objectives will emphasize creative expression through movement, awareness of space, time, and energy in dance technique and improvisational studies; development of self-confidence through the use of the body as an expressive instrument; and appreciation of dance as an art form. Typically, fees are charged for some activities of the ensemble (uniform accessories, extracurricular travel expense, etc.).

The student will earn 0.5 PE substitution credit (fall semester) and 1.0 Fine Arts credit upon course completion.

06452 DRILL II, 1 credit

GPA Level: Regular

Grade Level(s): 10-12

Service ID: 03833400

Prerequisite(s): **Audition required**

This course prepares dance students for rehearsals and public performances as members of the campus extra-curricular drill team. Audition is required and students are placed in the appropriate drill group based on skill level and ability. Students will learn fundamental skills in several dance techniques: ballet, modern, jazz, tap, folk, character, and ethnic. In addition, course objectives will emphasize creative expression through movement, awareness of space, time, and energy in dance technique and improvisational studies; development of self-confidence through the use of the body as an expressive instrument; and appreciation of dance as an art form. Typically, fees are charged for some activities of the ensemble (uniform accessories, extracurricular travel expense, etc.).

The student will earn 0.5 PE substitution credit (fall semester) and 1.0 Fine Arts credit upon course completion.

06453 DRILL III, 1 credit

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 03833500

Prerequisite(s): **Audition required**

This course prepares dance students for rehearsals and public performances as members of the campus extra-curricular drill team. Audition is required and students are placed in the appropriate drill group based on skill level and ability. Students will learn fundamental skills in several dance techniques: ballet, modern, jazz, tap, folk, character, and ethnic. In addition, course objectives will emphasize creative expression through movement, awareness of space, time, and energy in dance technique and improvisational studies; development of self-confidence through the use of the body as an expressive instrument; and appreciation of dance as an art form. Typically, fees are charged for some activities of the ensemble (uniform accessories, extracurricular travel expense, etc.).

06454 DRILL IV, 1 credit

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 03833600

Prerequisite(s): **Audition required**

This course prepares dance students for rehearsals and public performances as members of the campus extra-curricular drill team. Audition is required and students are placed in the appropriate drill group based on skill level and ability. Students will learn fundamental skills in several dance techniques: ballet, modern, jazz, tap, folk, character, and ethnic. In addition, course objectives will emphasize

FINE ARTS

GPA Level: Regular

Service ID:

Prerequisite(s): **This is a list driven, limited enrollment course. For placement into the proper section/ensemble; Teacher recommendation is required for any student who has not completed eighth-grade orchestra fundamental requirements.**

String students are provided with the opportunity to develop and exhibit their performance skills on the four orchestral stringed instruments. Their chair placement within the group is based upon individual auditions. Additional opportunities for audition and reassignment are available during the year. Students in orchestra classes will be exposed to a variety of classical and popular string literature. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 orchestra uniform, maintenance and supply fee will be assessed each year.

00973 ORCH I - PHILHARMONIC, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03150500

Prerequisite(s): **This is a list driven, limited enrollment course. For placement into the proper section/ensemble; Teacher recommendation is required for any student who has not completed eighth-grade orchestra fundamental requirements.**

1st Year - String students are provided with the opportunity to develop and exhibit their performance skills on the four orchestral stringed instruments. Their chair placement within the group is based upon individual auditions. Additional opportunities for audition and reassignment are available during the year. Students in orchestra classes will be exposed to a variety of classical and popular string literature. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 orchestra uniform, maintenance and supply fee will be assessed each year.

00963 ORCH I - SYMPHONY, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03150500

Prerequisite(s): **This is a list driven, limited enrollment course. For placement into the proper section/ensemble; Teacher recommendation is required for any student who has not completed eighth-grade orchestra fundamental requirements.**

1st Year - String students are provided with the opportunity to develop and exhibit their performance skills on the four orchestral stringed instruments. Their chair placement within the group is based upon individual auditions. Additional opportunities for audition and reassignment are available during the year. Students in orchestra classes will be exposed to a variety of classical and popular string literature. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 orchestra uniform, maintenance and supply fee will be assessed each year.

00954 ORCH II - CHAMBER, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03150600

Prerequisite(s): **Successful completion of ORCH I - CHAMBER. This is a list driven, limited enrollment course.**

3rd Year - String students are provided with the continued opportunity to develop and exhibit their performance skills on the four orchestral stringed instruments. Their chair placement within the group is based upon individual auditions. Additional opportunities for audition and reassignment are available during the year. Students in orchestra classes will be exposed to a variety of classical and popular string literature. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 orchestra uniform, maintenance and supply fee will be assessed each year.

00974 ORCH II - PHILHARMONIC, 1 credit

Grade Level(s): 9-12

03150600

Prerequisite(s): **Successful completion of ORCH I - PHILHARMONIC. This is a list driven, limited enrollment course.**

FINE ARTS

GPA Level: Regular

Service ID:

2nd Year - String students are provided with the continued opportunity to develop and exhibit their performance skills on the four orchestral stringed instruments. Their chair placement within the group is based upon individual auditions. Additional opportunities for audition and reassignment are available during the year. Students in orchestra classes will be exposed to a variety of classical and popular string literature. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 orchestra uniform, maintenance and supply fee will be assessed each year.

00964 ORCH II - SYMPHONY, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03150600

Prerequisite(s): **Successful completion of ORCH I - SYMPHONY. This is a list driven, limited enrollment course.**

2nd Year - String students are provided with the continued opportunity to develop and exhibit their performance skills on the four orchestral stringed instruments. Their chair placement within the group is based upon individual auditions. Additional opportunities for audition and reassignment are available during the year. Students in orchestra classes will be exposed to a variety of classical and popular string literature. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 orchestra uniform, maintenance and supply fee will be assessed each year.

00955 ORCH III - CHAMBER, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03150700

Prerequisite(s): **Successful completion of ORCH II - CHAMBER. This is a list driven, limited enrollment course.**

3rd Year - String students are provided with the continued opportunity to develop and exhibit their performance skills on the four orchestral stringed instruments. Their chair placement within the group is based upon individual auditions. Additional opportunities for audition and reassignment are available during the year. Students in orchestra classes will be exposed to a variety of classical and popular string literature. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 orchestra uniform, maintenance and supply fee will be assessed each year.

00975 ORCH III - PHILHARMONIC, 1 credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03150700

Prerequisite(s): **Successful completion of ORCH II - PHILHARMONIC. This is a list driven, limited enrollment course.**

3rd Year - String students are provided with the continued opportunity to develop and exhibit their performance skills on the four orchestral stringed instruments. Their chair placement within the group is based upon individual auditions. Additional opportunities for audition and reassignment are available during the year. Students in orchestra classes will be exposed to a variety of classical and popular string literature. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 orchestra uniform, maintenance and supply fee will be assessed each year.

00965 ORCH III - SYMPHONY, 1 credit

Grade Level(s): 9-12

03150700

Prerequisite(s): **Successful completion of ORCH II - SYMPHONY. This is a list driven, limited enrollment course.**

3rd Year - String students are provided with the continued opportunity to develop and exhibit their performance skills on the four orchestral stringed instruments. Their chair placement within the group is based upon individual auditions. Additional opportunities for audition and reassignment are available during the year. Students in orchestra classes will be exposed to a variety of classical and popular string literature. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

FINE ARTS

GPA Level: Regular

Service ID:

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 orchestra uniform, maintenance and supply fee will be assessed each year.

00956 ORCH IV - CHAMBER, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03150800

Prerequisite(s): **Successful completion of ORCH III - CHAMBER. This is a list driven, limited enrollment course.**

4th Year - String students are provided with the continued opportunity to develop and exhibit their performance skills on the four orchestral stringed instruments. Their chair placement within the group is based upon individual auditions. Additional opportunities for audition and reassignment are available during the year. Students in orchestra classes will be exposed to a variety of classical and popular string literature. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 orchestra uniform, maintenance and supply fee will be assessed each year.

00976 ORCH IV - PHILHARMONIC, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03150800

Prerequisite(s): **Successful completion of ORCH III - PHILHARMONIC. This is a list-driven, limited enrollment course.**

4th Year - String students are provided with the continued opportunity to develop and exhibit their performance skills on the four orchestral stringed instruments. Their chair placement within the group is based upon individual auditions. Additional opportunities for audition and reassignment are available during the year. Students in orchestra classes will be exposed to a variety of classical and popular string literature. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 orchestra uniform, maintenance and supply fee will be assessed each year.

00966 ORCH IV - SYMPHONY, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03150800

Prerequisite(s): **Successful completion of ORCH III - SYMPHONY. This is a list driven, limited enrollment course.**

4th Year - String students are provided with the continued opportunity to develop and exhibit their performance skills on the four orchestral stringed instruments. Their chair placement within the group is based upon individual auditions. Additional opportunities for audition and reassignment are available during the year. Students in orchestra classes will be exposed to a variety of classical and popular string literature. Students will participate in the concert and sight reading evaluation process in the spring semester as part of this ensemble.

Students are highly encouraged to audition for TMEA All-State and UIL Solo / Ensemble competitions as a member of this ensemble.

A \$95.00 orchestra uniform, maintenance and supply fee will be assessed each year.

00833 TECHNICAL THEATRE II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03250600

Prerequisite(s): **Successful completion of TECHNICAL THEATRE I. Teacher recommendation**

2nd Year - This course is intended for the second year advanced technician in theater arts and focuses on the development and application of skills and advanced concepts and theories of design in color, drawing, lighting, costuming, sound, and interpretation in stage design. The advanced technical theater student executes designs for public performances and in workshop sessions and works alongside other advanced technical theater class member(s) to discuss show concepts, art, design and execution. Typically, fees are charged for some drama activities (costumes, extracurricular travel expense, etc.)

Students in this course are highly encouraged to participate in the annual UIL Theatrical Design contest.

00823 TECHNICAL THEATRE I, 1 credit

Grade Level(s): 9-12 03250500

FINE ARTS

GPA Level: Regular

Service ID:

Prerequisite(s): **Knowledge of Theatre Arts I concepts in stagecraft/design are helpful but not required.**

1st Year - This course is intended for the first year theatre arts student who is interested in learning the technical concepts of stagecraft skills in theater arts. The course focuses on the development and application of basic skills and concepts and theories of design in color, drawing, lighting, costuming, sound, and interpretation in stage design. The technical theater student collaborates with classmates to observe and create foundation designs for public performances and in workshop sessions and works alongside other technical theater class member(s) to discuss show concepts, art, design and execution. Students interested in stage management may also be interested in this course. This is the initial course for the technical theater arts program of study. Typically, fees are charged for some drama activities (costumes, extracurricular travel expense, etc.)

00843 TECHNICAL THEATRE III, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03251100

Prerequisite(s): **Successful completion of TECHNICAL THEATRE II. Teacher recommendation**

3rd Year - This course is intended for the third year advanced technician in theater arts and focuses on the development and application of skills and advanced concepts and theories of design in color, drawing, lighting, costuming, sound, and interpretation in stage design. The advanced technical theater student executes designs for public performances and in workshop sessions and works alongside other advanced technical theater class member(s) to discuss show concepts, art, design and execution. Typically, fees are charged for some drama activities (costumes, extracurricular travel expense, etc.)

Students in this course are highly encouraged to participate in the annual UIL Theatrical Design contest.

00853 TECHNICAL THEATRE IV, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03251200

Prerequisite(s): **Successful completion of TECHNICAL THEATRE III. Teacher recommendation.**

4th Year - This course is intended for the fourth year advanced technician in theatre arts and focuses on the development and application of skills and advanced concepts and theories of design in color, drawing, lighting, costuming, sound, and interpretation in stage design. The advanced technical theater student executes designs for public performances and in workshop sessions and works alongside the theater arts faculty member(s) to discuss show concepts, art, design and execution. Typically, fees are charged for some drama activities (costumes, extracurricular travel expense, etc.)

Students in this course are required to participate in the annual UIL Theatrical Design contest.

00763 THEATRE ARTS I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03250100

Prerequisite(s): **Prior experience in a junior school theatre course is helpful but not required.**

Theatre Arts I is a fundamentals of theatre course designed to acquaint the student with physical and vocal awareness, pantomime, improvisation, the rudiments of acting, and theatre history. The course also includes a study of the technical aspects of theatre- - such as sets, props, costumes, and make-up. Theatre Arts II-IV is designed for the student who shows advanced ability in drama and wishes to take advanced courses in production. Acting and production skills are emphasized. The theatre student performs in both public presentations and workshop sessions. Typically, fees are charged for some drama activities (costumes, extracurricular travel expense, etc.)

00793 THEATRE ARTS II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03250200

Prerequisite(s): **RE**

2nd Year - Theater Arts II is a theatre course designed to build upon concepts of physical and vocal awareness, pantomime, improvisation, the rudiments of acting, and theatre history from Theatre Arts I. The course continues the study of the technical aspects of theater- - such as sets, props, costumes, and make-up. Theatre Arts II-IV is designed for the student who shows advanced ability in drama and wishes to take advanced courses in production. Acting and production skills are emphasized. The theatre student performs in both public presentations and workshop sessions. Typically, fees are charged for some drama activities (costumes, extracurricular travel expense, etc.)

00803 THEATRE ARTS III, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03250300

FINE ARTS

GPA Level: Regular

Service ID:

Grade Level(s): 9-12 Service ID: 03251000

Prerequisite(s): **Successful completion of THEATRE PRODUCTION III. List driven, limited enrollment course. Director recommendation.**

4th Year - Theatre Production IV continues the concepts of play production. The course is intended for the fourth year advanced theatre arts student who wishes to continue the study and execution of audition, rehearsal, and performance/management of seasonal and competitive plays (character and play analysis will be required). The technician will work within the director's designs to execute the sets, lights, sound, props, grips, costumes, make-up, house, and publicity requirements for the particular play. Auditions for seasonal and UIL One-Act Play competition are mandatory for this course.

A theatre production costume fee of \$25.00 will be assessed each year.

GCCISD GRADUATION REQUIREMENTS

01773 AP COMPUTER SCIENCE PRINCIPLES, 1 Credit

GPA Level: Advanced Placement

Grade Level(s): 10-12

Service ID: A3580100

**Satisfies Technology Requirement
Satisfies 4th Math Credit**

Prerequisite(s): **Algebra I (Note: AP Computer Science course builds upon a foundation of mathematical reasoning that should be acquired before attempting such a course.)**

Computer Science I-AP involves the understanding of programming language concepts and how they are applied in problem solving. Computer Science 1-AP is a course covering problem solving, computer architecture, and programming concepts. This knowledge helps students understand how software is written, which increases the student's ability to learn application software through understanding of the basic concepts. This course covers advanced programming concepts which are useful in preparation of the Computer Science Advanced Placement (AP) tests. Studies include communications application and programming applications, specifically JAVA.

BCIS 1305 BUSINESS COMPUTER APPLIC (BUSINESS INF MGMT I), ½ credit

GPA Level: Dual Credit

Grade Level(s): 10-12

Service ID: 13011400

Satisfies Technology Requirement

Prerequisite(s): **Meets Dual Credit Requirements & See Lee College's Course Catalog**

Industry Certification: Microsoft Office Specialist.

This course discusses computer terminology, hardware, software, operating systems, and information systems relating to the business environment. The main focus of this course is on business applications of software, including word processing spreadsheets, databases, presentation graphics, and business-oriented utilization of the Internet.

*The district requires 1 credit of technology applications (or 1/2 credit of dual credit technology)

09731 BUSINESS INFORMATION MANAGEMENT I, 1 Credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 13011400

Satisfies Technology Requirement

Prerequisite(s): **None**

Industry Certification: Microsoft Office Specialist

This course develops technology skills with applications to personal, college, and business situations focusing on the Microsoft Office Suite – Word, Excel, PowerPoint, and Access. In addition, students gain knowledge of telecommunications, desktop publishing, presentation management, and emerging technologies. Skills are developed in order to prepare students for the MOS (Microsoft Office Specialist) certification exams.

09732 BUSINESS INFORMATION MANAGEMENT II, 1 Credit

GPA Level: Regular

Grade Level(s): 10-12

Service ID: 13011500

Satisfies Technology Requirement

Prerequisite(s): **Business Information Management I**

Industry Certification: Microsoft Office Expert

This rigorous, fast-paced course builds on technology skills developed in Business Information Management with applications to personal, college, and business situations focusing on the Microsoft Office Suite – Word, Excel, PowerPoint, and Access with the intent of earning industry certifications. In addition, students gain knowledge of desktop publishing, presentation management, and emerging technologies. Skills are developed in order to prepare students for the MOS (Microsoft Office Specialist) certification exam.

09757 COMPUTER PROGRAMMING I, 1 Credit

GPA Level: Regular

Grade Level(s): 10-12

Service ID: 13027600

Satisfies Technology Requirement

Prerequisite(s): **Business Information Management I & Algebra I**

Endorsement/Career Cluster: Business & Industry/Information Technology

Computer programming involves the understanding of programming language concepts and how they are applied in problem solving. This course also covers problem solving, computer architecture, and programming concepts. This knowledge helps students understand how software is written and increases the student's ability to learn application software through the understanding of the basic concepts.

GCCISD GRADUATION REQUIREMENTS

09755 DIGITAL MEDIA, 1 Credit

Grade Level(s): 10-12

Service ID: 13027800

Satisfies Technology Requirement

Prerequisite(s):

Endorsement/Career Cluster: Business & Industry/ Information Technology,

Are you creative? Do you like photo editing and drawing? Do you want to learn how to combine media applications to create real-world projects and prepare for a future in business? In this "hands-on" course, students will build on their basic computer skills using Adobe Suite designing and editing software to produce a variety of documents such as brochures, programs, flyers, posters, and magazine covers. Students will produce exciting projects that require using the latest industry led software programs and creating original design which will prepare them for the future.

06801 HEALTH, ½ credit

GPA Level: Regular

Grade Level(s): 9-12

Service ID: 03810100

Satisfies Health Req.

Prerequisite(s): **None**

Health Education is required for graduation. In Health, students develop skills that will make them health-literate adults. Students gain a deeper understanding of the knowledge and behaviors they use to safeguard their health, particularly pertaining to health risks. Students are taught how to access accurate information that they can use to promote health for themselves and others. Students use problem-solving, research, goal-setting, and communication skills to protect their health and that of the community.

09790 HUMAN BODY SYSTEMS (PLTW) (RSS), 1 Credit

GPA Level: Pre-AP

Grade Level(s): 10-12

Service ID: N1302093

Satisfies Health Requirement

Prerequisite(s): **Principles of Biomedical Science**

Endorsement/Career Cluster: Public Service/Health Science

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

19759 ONRAMPS COMPUTER SCIENCE I A, 1 Credit

GPA Level:

Grade Level(s): 9-12

Service ID: 03580200

Satisfies Technology Requirement

Prerequisite(s): **Algebra I and(Algebra II preferred)**

OnRamps Computer Science teaches a set of core ideas that shapes the landscape of computer science and its impact on our society. In addition to learning about the magic and beauty of computing, students will acquire essential Texas College and Career Readiness skills, applying critical thinking, problem solving, and communication within a project-based learning framework.

PERSONAL ENRICHMENT, LEADERSHIP & DEVELOPMENT

GPA Level: Regular

08113 AVID I, 1 credit

Grade Level(s): 9-10 Service ID: N1290001

Prerequisite(s): **Interview and application process; Committee approval**

Advancement Via Individual Determination (AVID) is an academic, regularly scheduled elective class with the overall goal of developing fundamental skills aligned with current curriculum, to prepare students for four-year college eligibility and readiness. The ninth grade elective course provides support for the attainment of this goal through tutorial support, writing instruction, reinforcement of study skills, time management techniques, and motivational activities. There is an emphasis on analytical writing, preparation for college entrance and placement exams, study and test-taking skills, note taking and research.

08123 AVID II, 1 credit

GPA Level: Regular

Grade Level(s): 9-10 Service ID: N1290002

Prerequisite(s): **Interview and application process; Committee approval**

Advancement Via Individual Determination (AVID) is an academic, regularly scheduled elective class with the overall goal of developing basic skills aligned with current curriculum, to prepare students for four-year college eligibility and readiness. The tenth grade elective course provides support for the attainment of this goal through tutorial support, writing instruction, reinforcement of study skills, time management techniques, and motivational activities. There is an emphasis on analytical writing, preparation for college entrance and placement exams, study and test-taking skills, note taking and research.

08133 AVID III, 1 credit

GPA Level: Regular

Grade Level(s): 11-12 Service ID: N1290030

Prerequisite(s): **Interview, Committee approval and AVID II**

Advancement Via Individual Determination (AVID) is an academic, regularly scheduled elective class with the overall goal of developing basic skills aligned with current curriculum, to prepare students for four-year college eligibility and readiness. The tenth grade elective course provides support for the attainment of this goal through tutorial support, writing instruction, reinforcement of study skills, time management techniques, and motivational activities. There is an emphasis on analytical writing, preparation for college entrance and placement exams, study and test-taking skills, note taking and research.

08143 AVID IV, 1 credit

GPA Level: Regular

Grade Level(s): 11-12 Service ID: N1290033

Prerequisite(s): **Interview, Committee approval and AVID III**

Advancement Via Individual Determination (AVID) is an academic, regularly scheduled elective class with the overall goal of developing basic skills aligned with current curriculum, to prepare students for four-year college eligibility and readiness. The tenth grade elective course provides support for the attainment of this goal through tutorial support, writing instruction, reinforcement of study skills, time management techniques, and motivational activities. There is an emphasis on analytical writing, preparation for college entrance and placement exams, study and test-taking skills, note taking and research.

PHYS 1402 COLLEGE PHYS II: SOUND, ELEC, ETC. (SC. RES. & DESIGN I), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13037220

Prerequisite(s): **Physics 1401, BIO, CHEM, IPC, PHY; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Study of principles and applications of concepts in electricity and magnetism, geometric and physical optics, and modern physics.

04448 COLLEGE TRANSITION, ½ credit

GPA Level: Regular

Grade Level(s): 10-12 Service ID: N1290050

Prerequisite(s): **None**

This is a one semester course is designed to assist students with developing fundamental skills to prepare students for college eligibility and readiness on college entrance exams. The course will emphasize strategies for taking the PSAT, SAT, ACT and TSIA tests (vocabulary development, sentence completion, analogies, and critical reading, math, and quantitative comparisons). Students will realize residual benefits from improving their critical thinking and reasoning skills not simply for the day of the test but for long term retention.

PERSONAL ENRICHMENT, LEADERSHIP & DEVELOPMENT

GPA Level: Regular

Additionally, this course will also include reinforcement of study skills, time management techniques, and college readiness motivational activities.

EDUC 1200 LEARNING PATHWAYS (Coll. Readiness & Study Skills), ½ credit

GPA Level: Dual Credit

Grade Level(s): 9-12 Service ID: 03270100

Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog**

A study of the 1) research and theory in the psychology of learning, cognition, and motivation, 2) factors that impact learning, and 3) application of learning strategies. Theoretical models of strategic learning and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Lecture Hrs = 2, Lab Hrs = 0

ja MAPS I - Methodology for Academic & Personal Success, 1.0

Grade Level(s): 9 Service ID: N1130021

Prerequisite(s):

The course focuses on the skills and strategies necessary for students to make a successful transition into high school and an academic career. Students explore the options available in high school, higher education, and the professional world in order to establish both immediate and long-range personal goals.

08163 PALS I RSS and GCM Only, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: N1290005

Prerequisite(s): **Must be recommended by a student, teacher, counselor, or administrator**

The PALS course is a peer assistance program offering selected high school students the opportunity to work as trained peer facilitators with other students on their own campuses, and/or from feeder middle and elementary schools. Students will be trained in a variety of helping skills that will enable them to assist other students in having a more positive and productive school experience. This class is limited to juniors and seniors who have a high level of trust among their fellow students.

08173 PALS II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: N1290006

Prerequisite(s): **PALS I**

This course offers a third and fourth semester of credit for students involved in the PAL course. All sections, descriptions, and essential elements of the PALS I course apply equally to PALS II. The purpose of the PALS II class is to offer a variety of advanced peer assistance service delivery opportunities to experienced PALS students.

06864 ROTC I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: PES00004

Satisfies P.E. Requirement

Prerequisite(s): **None**

MCJROTC is a leadership course that is based upon the tenets of Marine Corps leadership. The curriculum is designed to teach and develop a sense of responsibility, loyalty, discipline and character in the Cadets. Throughout the four years of the program, the Leadership Education curriculum is presented by way of five different categories of instruction. Those categories are: (1) Leadership. (2) Citizenship. (3) Personal growth and responsibility. (4) Public Service and Career Exploration. (5) General military subjects. Emphasis is placed on developing leadership skills that will assist the students throughout life. While the student does not have an obligation to join any of the military services, a student presenting evidence of successful completion of at least two academic years of MCJROTC is entitled to advance promotion to the grade of no less than E-2 on initial enlistment in an active or reserve component of the military. After school activities are also available (Drill Team, Color Guard, Rifle Team, field trips, community service etc).

REQUIRED STANDARDS: Students desiring to become and remain Cadets must maintain acceptable standards of school academics, discipline and conform to Marine Corps grooming/uniform standards while in uniform and during other designated events.

MJROTC standards include, but are not limited to, the following:

1. Males: Haircut: "0" in length on the sides/back evenly graduated to the top with no longer than 3 inches on top. Mustache if worn cannot fall below the lip and cannot go past the corner of the mouth. Must be clean shaven.

PERSONAL ENRICHMENT, LEADERSHIP & DEVELOPMENT

GPA Level: Regular

2. Females: Short hair must be not more than 1 inch from scalp and shortest hair ¼ inch medium hair length must be no longer than the bottom of the collar and no more than 1 inch difference from the front to back. Long hair must be worn in an updo no more than 3 inches thick and no wider than the width of the head.
3. All Cadets: No eccentric hair styles, colored hair, visible piercings etc.
4. All Cadets: Wear the designated uniform provided by MJROTC once week
5. All Cadets: Participate in drill and physical fitness during the academic week Students who do not conform to these standards will be dropped from the program by the Senior Marine Instructor.

06873 ROTC II, 1 credit

GPA Level: Regular

Grade Level(s): 10-12 Service ID: 03160200

Prerequisite(s): **ROTC I and MJROTC standards**

MCJROTC is a leadership course that is based upon the tenets of Marine Corps leadership. The curriculum is designed to teach and develop a sense of responsibility, loyalty, discipline and character in the Cadets. Throughout the four years of the program, the Leadership Education curriculum is presented by way of five different categories of instruction. Those categories are: (1) Leadership. (2) Citizenship. (3) Personal growth and responsibility. (4) Public Service and Career Exploration. (5) General military subjects. Emphasis is placed on developing leadership skills that will assist the students throughout life.

While the student does not have an obligation to join any of the military services, a student presenting evidence of successful completion of at least two academic years of MCJROTC is entitled to advance promotion to the grade of no less than E-2 on initial enlistment in an active or reserve component of the military.

06883 ROTC III, 1 credit

Grade Level(s): 11-12 Service ID: 03160300

Prerequisite(s): **ROTC II and MJROTC standards**

MCJROTC is a leadership course that is based upon the tenets of Marine Corps leadership. The curriculum is designed to teach and develop a sense of responsibility, loyalty, discipline and character in the Cadets. Throughout the four years of the program, the Leadership Education curriculum is presented by way of five different categories of instruction. Those categories are: (1) Leadership. (2) Citizenship. (3) Personal growth and responsibility. (4) Public Service and Career Exploration. (5) General military subjects. Emphasis is placed on developing leadership skills that will assist the students throughout life.

While the student does not have an obligation to join any of the military services, a student presenting evidence of successful completion of at least two academic years of MCJROTC is entitled to advance promotion to the grade of no less than E-2 on initial enlistment in an active or reserve component of the military.

06893 ROTC IV, 1 credit

GPA Level: Regular

Grade Level(s): 12 Service ID: 03160400

Prerequisite(s): **ROTC III and MJROTC standards**

MCJROTC is a leadership course that is based upon the tenets of Marine Corps leadership. The curriculum is designed to teach and develop a sense of responsibility, loyalty, discipline and character in the Cadets. Throughout the four years of the program, the Leadership Education curriculum is presented by way of five different categories of instruction. Those categories are: (1) Leadership. (2) Citizenship. (3) Personal growth and responsibility. (4) Public Service and Career Exploration. (5) General military subjects. Emphasis is placed on developing leadership skills that will assist the students throughout life.

While the student does not have an obligation to join any of the military services, a student presenting evidence of successful completion of at least two academic years of MCJROTC is entitled to advance promotion to the grade of no less than E-2 on initial enlistment in an active or reserve component of the military.

09973 STUDENT ASSISTANT, 1 LOCAL CREDIT

GPA Level: Regular

Grade Level(s): 12 Service ID: 85000AID

Prerequisite(s): **None**

This course offers seniors the opportunity to work with office staff and/or teaching staff in a school setting. Students that are assigned to an office will develop phone and clerical skills. Students who are assigned to a classroom may tutor, organize materials, or set up labs. Students must be willing to complete any assigned duties and maintain student/community confidentiality. Only seniors may be student assistants. Seniors may only have one period of office assistant per semester.

LANGUAGES OTHER THAN ENGLISH

02033 AMERICAN SIGN LANGUAGE I, 1 credit

Grade Level(s): 9-12 Service ID: 03980100

Prerequisite(s): **None**

American Sign Language I is an introductory course for students wanting to learn to communicate with deaf or hard-of-hearing friends; for sign language students interested in interpreting as a professional career; for deaf and hard-of-hearing students who want to learn the grammatical structure of their own language; and for deaf and hard-of-hearing students who want to teach sign language classes in the future. This course may not satisfy college entrance requirements for foreign language.

02043 AMERICAN SIGN LANGUAGE II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03980200

Prerequisite(s): **American Sign Language I**

This course serves as preparation for college-level Interpreter Training Programs and develops proficiency in sign language communication. Emphasis is on vocabulary building and text analysis using dictionaries, thesauruses, and feedback to construct appropriate ASL concepts. This course may not satisfy college entrance requirements for foreign language.

02053 AMERICAN SIGN LANGUAGE III, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03980300

Prerequisite(s): **American Sign Language II**

This course will continue as preparation for college-level interpreter training programs. Emphasis will continue on vocabulary development, studying the linguistic structure of American Sign Language, deaf culture, and deaf history. Expressive and receptive sign skills are evaluated. Students will be exposed to the requirements for passing the State Level I Interpreter Certification Test. This course may not satisfy college entrance requirements for foreign language.

02553 AP FRENCH LANGUAGE AND CULTURE, 1 credit

GPA Level: Advanced Placement

Grade Level(s): 11-12 Service ID: A3410100

Prerequisite(s): **French III**

This course is a one-year study of the French language and is taught at the college level. The course includes strategies for taking the Advanced Placement French Language and Culture examination.

02703 AP SPANISH LANGUAGE, 1 credit

GPA Level: Advanced Placement

Grade Level(s): 10-12 Service ID: A3440100

Prerequisite(s): **Spanish III**

This course is a one-year, college-level study of the Spanish language. Students will become familiar with the College Board Advanced Placement examination format.

02693 AP SPANISH LITERATURE, 1 credit

GPA Level: Advanced Placement

Grade Level(s): 10-12 Service ID: A3440200

Prerequisite(s): **Spanish III**

Advanced Placement Spanish Literature is for those students who have strong reading and writing skills. Students will read selections from five AP authors and write analytical essays based on their readings. The last six weeks are spent reviewing for the Advanced Placement Spanish Literature examination.

02513 FRENCH I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03410100

Prerequisite(s): **None**

The purpose of this course is to introduce the student to French and to develop accurate habits of language usage and pronunciation. The study of phonetics is introduced at this level. As the skills of oral comprehension are strengthened, the student learns to read and write simple conversations, expressing himself/herself accurately and fluently, within the limitations of his/her knowledge of vocabulary and sentence structure. The student will also become acquainted with the French culture.

Grade Level(s): 9-12 Service ID: 03410200

Prerequisite(s): **French I**

Development of each of the four skills introduced in French I continue to be the aim of the Level II course. Emphasis is placed upon expansion of vocabulary while, at the same time, stressing reinforcement and amplification of accurate and fluent use of the structural elements of French, in both spoken and written form. To achieve this objective, the student is guided through reading, discussion, and personal application of conversational situations as well as narratives and will learn to think and react spontaneously in French. Classes are conducted in French within practical limitations. Materials, based upon the everyday activities of French people, give the students some insight into the French culture, attitudes, and interests.

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LANGUAGES OTHER THAN ENGLISH

02533 PRE-AP FRENCH III, 1 credit

GPA Level: Pre-AP

Grade Level(s): 11-12 Service ID: 03410300

Prerequisite(s): **French II**

The Level III course continues the development of the student's mastery of the basic structural patterns and vocabulary of French. Various aspects of the French culture are stressed through films and supplemental readings taken from native-speaking authors and contemporary French publications. Speaking and writing skills are emphasized. By the end of Level III, the student should have adequate control of the basic, structural patterns of French and should be able to express himself/herself accurately and fluently on a variety of everyday topics.

02734 PRE-AP NATIVE SPEAKERS SPANISH III, ½ credit

GPA Level: Pre-AP

Grade Level(s): 10-12 Service ID: 03440330

Prerequisite(s): **Spanish 2 course or Spanish 2 credit by exam**

This course utilizes an accelerated curriculum for native speakers who wish to enhance their reading and writing skills. Spanish III for Native Speakers may serve as a foundation course for Advanced Placement Spanish. Upon successful completion of one semester, students will be granted credit for Spanish 3A and 3B.

02733 PRE-AP SPANISH III, 1 credit

GPA Level: Pre-AP

Grade Level(s): 10-12 Service ID: 03440300

Prerequisite(s): **Spanish II**

Level III provides an enhanced understanding of the Spanish language and the life of the Spanish-speaking world. The course of study continues the development of the student's mastery of the basic structural patterns and vocabulary of Spanish. Speaking and writing skills are emphasized, and the student is introduced to Spanish literature.

02713 SPANISH I, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03440100

Prerequisite(s): **None**

The purpose of this course is to introduce the student to Spanish and to develop accurate habits of usage and pronunciation of the language. As the skills of comprehension and speaking are strengthened, the student reads and writes in Spanish. At the end of Level I, the student should be able to engage in simple conversations. He/she will also become acquainted with cultures of Spanish-speaking countries.

02773 SPANISH I NATIVE SPEAKERS, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03440110

Prerequisite(s): **Native speaking and comprehension abilities**

This course is for native speakers who have listening and comprehension skills. This is an accelerated course intended to improve Spanish reading and writing skills. Upon completion of one semester, students will be granted credit for Spanish IA and IB.

02723 SPANISH II, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03440200

Prerequisite(s): **Spanish I**

The four basic language skills introduced in Level I are further developed in Level II. Vocabulary is stressed while reading serves to reinforce the oral skills. Communication in the language remains the main goal; therefore, classes are conducted in Spanish within practical limits. Specifically to be mastered are the imperfect tense, comparison of the perfect and imperfect, the progressive tenses, adverbs, and the present perfect tense. Conversational and reading materials are based on Spanish and American life, thereby giving the student some insight into these cultures.

02753 SPANISH II NATIVE SPEAKERS, 1 credit

GPA Level: Regular

Grade Level(s): 9-12 Service ID: 03440220

Prerequisite(s): **Spanish I course or Spanish I Credit By Exam**

This course utilizes an accelerated curriculum for native speakers who wish to enhance their reading and writing skills. Spanish II for Native Speakers may serve as a foundation course for Advanced Placement Spanish. Upon successful completion of one semester, students will be granted credit for Spanish 2A and 2B.

03418 SPECIAL TOPICS IN LANGUAGE AND CULTURE, 1 credit

GPA Level: Regular

Grade Level(s): 10-12 Service ID: 11410000

Prerequisite(s): **2nd year substitution per ARD or 504 committee**

This course is designed to help students communicate essential information about self, family and familiar topics. Cultural awareness, practices, and perspectives allow students to make connections between world languages. Students gain an understanding by LOTE to enhance personal growth enrichment.

MATHEMATICS

GPA Level: Regular

05775 Advanced Quantitative Reasoning, 1 Credit

Grade Level(s): 12 Service ID: 03102510

4th Year Math

Prerequisite(s): **Algebra I, Geometry, and Algebra II**

Students will develop and apply skills necessary for college, careers, and life. Course content consists primarily of applications of high school mathematics concepts to prepare students to become well educated and highly informed 21st century citizens. Students will develop and apply reasoning, planning and communication skills to make decisions and solve problems in applied situations involving numerical reasoning, probability, statistical analysis, finance, mathematical selection, and modeling with algebra, geometry, trigonometry, and discrete mathematics.

05103 ALGEBRA 1, 1 credit

GPA Level: Regular

Grade Level(s): 9 Service ID: 03100500

Prerequisite(s): **Mathematics, Grade 8**

In Algebra I, students will build on the knowledge and skills for mathematics in Grades 6-8, which provide a foundation in linear relationships, number and operations, and proportionality. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.

05363 ALGEBRA II, 1 credit

GPA Level: Regular

Grade Level(s): 10-12 Service ID: 03100600

Prerequisite(s): **Algebra I**

In Algebra II, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods.

05776 ALGEBRAIC REASONING, 1 Credit

GPA Level: Regular

Grade Level(s): 10-11 Service ID: 03102540

Prerequisite(s): **Algebra I**

In Algebraic Reasoning, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I, continue with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent mathematics courses. Students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build to workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets.

05643 AP CALCULUS AB, 1 credit

GPA Level: Advanced Placement

Grade Level(s): 12 Service ID: A3100101

Prerequisite(s): **Precalculus or Precalculus Pre-AP**

AP Calculus AB is a year-long course covering elementary functions, differential calculus, and integral calculus. Calculus AB-AP represents college-level mathematics and includes strategies for taking the Calculus AB College Board Advanced Placement Exam for which many colleges grant advanced placement and credit. Graphing calculators will be used extensively and are required for the AP College Board Exam. What's next? Statistics AP, or Calculus BC. This course provides an emphasis on ensuring College Readiness.

05653 AP CALCULUS BC, 1 credit

GPA Level: Advanced Placement

MATHEMATICS

Grade Level(s): 12 Service ID: A3100102

Prerequisite(s): **Precalculus or Precalculus Pre-AP**

AP Calculus BC is a one-year course covering the same topics as Calculus AB-AP. Additional topics include analysis of planar curves, slope fields, Euler's Method, L'Hopital's Rule, extensive derivatives, integral application modeling, polynomial approximations and series. Calculus BC-AP represents college-level mathematics and includes strategies for taking the Calculus BC Advanced Placement Exam for which many colleges give credit. Graphing calculators will be used extensively and are required for the AP College Board Exam. What's next? Statistics AP or Independent Study.

01773 AP COMPUTER SCIENCE PRINCIPLES, 1 credit

GPA Level: Advanced Placement

Grade Level(s): 10-12

Service ID: A3580100

**Satisfies 4th Math Credit
Satisfies Technology Requirement**

Prerequisite(s): **Algebra I (Note: AP Computer Science course builds upon a foundation of mathematical reasoning that should be acquired before attempting such a course.)**

Computer Science I-AP involves the understanding of programming language concepts and how they are applied in problem solving. Computer Science I-AP is a course covering problem solving, computer architecture, and programming concepts. This knowledge helps students understand how software is written, which increases the student's ability to learn application software through understanding of the basic concepts. This course covers advanced programming concepts which are useful in preparation of the Computer Science Advanced Placement (AP) tests. Studies include communications application and programming applications, specifically JAVA.

05783 AP STATISTICS, 1 credit

GPA Level: Advanced Placement

Grade Level(s): 11-12

Service ID: A3100200

Prerequisite(s): **Geometry and Algebra II**

The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: data exploration, planning a study, anticipation of patterns in advance, and statistical inference. This course includes the use of technology (computers and calculators), projects, laboratories, cooperative group problem solving, and writing as a part of concept-oriented instruction and assessment. Students will have the opportunity to take the Statistics AP College Board Exam for which many colleges grant advance placement and credit. What's next? Precalculus, Precalculus Pre-AP, Independent Study, or if Precalculus is completed, Calculus AP. This course provides an emphasis on ensuring College Readiness.

MATH 1314 COLLEGE ALGEBRA (IND. STUDIES IN MATH IIA), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12

Service ID: 03102501

Prerequisite(s): **Geometry and Algebra II, Meet Dual Credit Requirements & See Lee College's Course Catalog**

College Algebra covers the study of quadratics; polynomial, rational, logarithmic, and exponential functions; systems of equations; progressions; sequences and series; and matrices and determinants. Lecture Hrs = 3, Lab Hrs = 1

05450 COLLEGE PREP MATH, 1 Credit

GPA Level: Regular

Grade Level(s): 12

Service ID: CP111200

12th grade level

Prerequisite(s): **Successful completion of: Algebra I, Algebra I EOC Exam, Geometry & and a 3rd math credit**

This course is designed for seniors whose EOC score does not meet college readiness standards or whose performance on coursework, or college entrance exam indicates that the student is not ready to perform entry-level college coursework. This course is eligible for state credit on the Foundation High School Program only.

MATH 1324 FINITE MATH (IND. STUDIES IN MATH IIB), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12

Service ID: 03102501

Prerequisite(s): **Geometry and Algebra II, Meet Dual Credit Requirements & See Lee College's Course Catalog**

MATHEMATICS

GPA Level: Regular

Service ID:

Mathematics for Business and Social Sciences covers such topics as applications of common algebraic functions, including polynomial, exponential, logarithmic, and rational, to problems in business, economics, and the social sciences are addressed. The applications include mathematics of finance, including simple and compound interest and annuities; systems of linear equations; matrices; linear programming; and probability, including expected value.. A computer component may be included. Lecture Hrs = 3, Lab Hrs = 0
05603 GEOMETRY, 1 credit

Grade Level(s): 9-11

03100700

Prerequisite(s): **Algebra I**

In Geometry, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I to strengthen their mathematical reasoning skills in geometric contexts. Within the course, students will begin to focus on more precise terminology, symbolic representations, and the development of proofs. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. Students will connect previous knowledge from Algebra I to Geometry through the coordinate and transformational geometry strand. In the logical arguments and constructions strand, students are expected to create formal constructions using a straight edge and compass. Though this course is primarily Euclidean geometry, students should complete the course with an understanding that non-Euclidean geometries exist. In proof and congruence, students will use deductive reasoning to justify, prove and apply theorems about geometric figures. Throughout the standards, the term "prove" means a formal proof to be shown in a paragraph, a flow chart, or two-column formats. Proportionality is the unifying component of the similarity, proof, and trigonometry strand. Students will use their proportional reasoning skills to prove and apply theorems and solve problems in this strand. The two- and three-dimensional figure strand focuses on the application of formulas in multi-step situations since students have developed background knowledge in two- and three-dimensional figures. Using patterns to identify geometric properties, students will apply theorems about circles to determine relationships between special segments and angles in circles. Due to the emphasis of probability and statistics in the college and career readiness standards, standards dealing with probability have been added to the geometry curriculum to ensure students have proper exposure to these topics before pursuing their post-secondary education.

05613 MATH MODELS/APPL, 1 credit

GPA Level: Regular

Grade Level(s): 10-12

Service ID: 03102400

Prerequisite(s): **Algebra I**

Mathematical Models with Applications is designed to build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. This mathematics course provides a path for students to succeed in Algebra II and prepares them for various post-secondary choices. Students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions. Students will select from tools such as physical objects; manipulatives; technology, including graphing calculators, data collection devices, and computers; and paper and pencil and from methods such as algebraic techniques, geometric reasoning, patterns, and mental math to solve problems.

15202 ONRAMPS - MATH INDEPENDENT STUDIES A, .5

GPA Level:

Grade Level(s): 11-12

Service ID: 03102500

Prerequisite(s): **Algebra I and Geometry**

In OnRamps College Algebra, students deepen their critical thinking skills and develop their ability to persist through challenges as they explore function families: Linear, Absolute Value, Quadratic, Polynomial, Radical, Rational, Exponential, and Logarithmic. Students analyze data algebraically and with technology while developing their knowledge of properties of functions, matrices and systems of equations, and complex number. The pedagogy of the course, Inquiry-Based Learning, encourages students to take an active role in the construction of their learning.

MTH 1314 OR ONRAMPS MATH INDEPENDENT STUDIES I B, .5

GPA Level:

Grade Level(s): 11-12

Service ID: 03102500

Prerequisite(s): **Algebra I, Geometry, and OnRamps Math Independent Studies I A 15202**

In OnRamps College Algebra, students deepen their critical thinking skills and develop their ability to persist through challenges as they explore function families: Linear, Absolute Value, Quadratic, Polynomial, Radical, Rational, Exponential, and Logarithmic. Students analyze data algebraically and with technology while developing their knowledge of properties of functions, matrices and systems of

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equations, and complex number. The pedagogy of the course, Inquiry-Based Learning, encourages students to take an active role in the construction of their learning.

MATH 2312 ONRAMPS PRE-CALCULUS, .5

GPA Level:

Grade Level(s): 11-12

Service ID: 03101100

Prerequisite(s): **Algebra II and OnRamps Pre-Calculus A 05764**

In OnRamps Pre-Calculus students will deepen and extend their knowledge of functions, graphs, and equations from their high school algebra and geometry courses so they can successfully work with the concepts in a rigorous university-level calculus course. This course is designed to push students well beyond “drill and kill” type exercises, with an emphasis on unpacking mathematical definitions and making logical arguments to their peers.

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05764 ONRAMPS PRE-CALCULUS A, .5

GPA Level:

Grade Level(s): 11-12

03101100

Prerequisite(s): **Algebra II**

In OnRamps Pre-Calculus students will deepen and extend their knowledge of functions, graphs, and equations from their high school algebra and geometry courses so they can successfully work with the concepts in a rigorous university-level calculus course. This course is designed to push students well beyond “drill and kill” type exercises, with an emphasis on unpacking mathematical definitions and making logical arguments to their peers.

15762 ONRAMPS STATISTICS A, .5

GPA Level:

Grade Level(s): 11-13

Service ID: 03102530

Prerequisite(s): **Algebra I (Geometry and Algebra II preferred)**

OnRamps Statistics will target conceptual understanding and hone highly relevant mathematical skills through scaffolded introduction to statistical methodologies, informal game play, and strategic lab exercises that engage students in hands-on analysis of real data. Valuable programming and coding skills are acquired as a means to conducting these analyses, giving students a solid foundation in data science. Team-based problem solving is highly valued, and assessments will guide students through self-reflective analyses of their own preparedness and depth of understanding.

MATH 1342 ONRAMPS STATISTICS B, .5

GPA Level:

Grade Level(s): 11-12

Service ID: 03102530

Prerequisite(s): **Algebra I and OnRamps Statistics A 15762 (Geometry and Algebra II are also preferred)**

OnRamps Statistics will target conceptual understanding and hone highly relevant mathematical skills through scaffolded introduction to statistical methodologies, informal game play, and strategic lab exercises that engage students in hands-on analysis of real data. Valuable programming and coding skills are acquired as a means to conducting these analyses, giving students a solid foundation in data science. Team-based problem solving is highly valued, and assessments will guide students through self-reflective analyses of their own preparedness and depth of understanding.

05203 PRE-AP ALGEBRA 1, 1 credit

GPA Level: Pre-AP

Grade Level(s): 9

Service ID: 03100500

Prerequisite(s): **Mathematics, Grade 8**

Pre-AP Algebra I includes all the topics as defined in Algebra I but requires higher levels of understanding.

In Algebra I, students will build on the knowledge and skills for mathematics in Grades 6-8, which provide a foundation in linear relationships, number and operations, and proportionality. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.

05383 PRE-AP ALGEBRA II, 1 credit

GPA Level: Pre-AP

Grade Level(s): 10-12

Service ID: 03100600

Prerequisite(s): **Algebra I**

Algebra II Pre-AP includes all the topics as defined in Algebra II but requires higher level thinking skills.

In Algebra II, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods.

05353 PRE-AP GEOMETRY, 1 credit

GPA Level: Pre-AP

Grade Level(s): 9-11

03100700

Prerequisite(s): **Algebra I**

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Geometry Pre-AP includes all the topics as defined in geometry but requires higher levels of understanding.

In Geometry, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I to strengthen their mathematical reasoning skills in geometric contexts. Within the course, students will begin to focus on more precise terminology, symbolic representations, and the development of proofs. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. Students will connect previous knowledge from Algebra I to Geometry through the coordinate and transformational geometry strand. In the logical arguments and constructions strand, students are expected to create formal constructions using a straight edge and compass. Though this course is primarily Euclidean geometry, students should complete the course with an understanding that non-Euclidean geometries exist. In proof and congruence, students will use deductive reasoning to justify, prove and apply theorems about geometric figures. Throughout the standards, the term "prove" means a formal proof to be shown in a paragraph, a flow chart, or two-column formats. Proportionality is the unifying component of the similarity, proof, and trigonometry strand. Students will use their proportional reasoning skills to prove and apply theorems and solve problems in this strand. The two- and three-dimensional figure strand focuses on the application of formulas in multi-step situations since students have developed background knowledge in two- and three-dimensional figures. Using patterns to identify geometric properties, students will apply theorems about circles to determine relationships between special segments and angles in circles. Due to the emphasis of probability and statistics in the college and career readiness standards, standards dealing with probability have been added to the geometry curriculum to ensure students have proper exposure to these topics before pursuing their post-secondary education.

05763 PRE-CAL PRE-AP, 1 credit

GPA Level: Pre-AP

Grade Level(s): 11-12

Service ID: 03101100

Prerequisite(s): **Algebra I, Geometry, and Algebra II**

Precalculus Pre-AP includes all the topics as defined in Precalculus but requires higher level thinking skills.

Precalculus is the preparation for calculus. The course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of Precalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations, and provide support in solving problems.

05753 PRE-CALCULUS, 1 credit

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 03101100

Prerequisite(s): **Algebra I, Geometry, and Algebra II**

Precalculus is the preparation for calculus. The course approaches topics from a function point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students systematically work with functions and their multiple representations. The study of Precalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations, and provide support in solving problems.

MATH 2412 PRE-CALCULUS (PRE-CALCULUS), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12

Service ID: 03102501

Prerequisite(s): **MATH 1314**

In-depth combined study of algebra and trigonometry for calculus readiness. Other topics may be included.

TECM 1341 TECHNICAL ALGEBRA, ½ credit

GPA Level: Dual Credit

Grade Level(s): 12

Service ID: 03102502

Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog**

Application of linear equations, simultaneous equations, and quadratic equations relevant to technical occupations. Lecture Hrs = 3, Lab Hrs = 0

TECM 1349 TECHNICAL MATH APPS, ½ credit

GPA Level: Dual Credit

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08813 AP ENVIRONMENTAL SCIENCE, 1 credit

GPA Level: Advanced Placement

Grade Level(s): 11-12

Service ID: A3020000

Prerequisite(s): **Biology; Chemistry**

AP Chemistry in an introductory college-level science course. Students cultivate their understanding of the interrelationships of the natural world through inquiry-based lab investigations and field work as they explore concepts like the four Big Ideas; energy transfer, interactions between earth systems, interactions between different species and the environment, and sustainability.

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08773 AP PHYSICS C: MECHANICS, 1 credit

GPA Level: Advanced Placement

Grade Level(s): 11-12 Service ID: A3050002

Prerequisite(s): **Physics; Precalculus or concurrent enrollment in Calculus**

AP Physics C: Mechanics is a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through classroom study and activities as well as hands-on laboratory work as they explore concepts like change, force interactions, fields, and conservation.

08753 AP PHYSICS I, 1 credit

GPA Level: Advanced Placement

Grade Level(s): 11-12 Service ID: A3050003

Prerequisite(s): **Geometry and concurrently taking Algebra II**

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves.

08754 AP PHYSICS II, 1 credit

GPA Level: Advanced Placement

Grade Level(s): 11-12 Service ID: A3050004

Prerequisite(s): **AP Physics I; Pre-Calculus (Pre-Cal may be taken concurrently)**

AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, waves, and probability.

CTEC 1401 APPLIED PETROCHEM. TECH. (PRINCIPLES OF TECH), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13037100

Prerequisite(s): **80 in one credit of Chemistry & Algebra I, TECM 1341 and Meet Dual Credit Requirements. See Lee College's Course Catalog.**

Endorsement/Career Cluster: STEM / STEM, Advanced CTE Credit

Special Note: Students may not get credit for this course and for physics. They may only take one or the other.

This course is taught at Lee College as part of the Instrumentation Technology – IR1, Certificate of Completion. Instruction is in the basic principles of physics and their application to process facilities. Topics include physical laws and properties and how these relate to the operations process. Students are encouraged to also take dual credit academics and/or Independent Studies in Math (TECM 1341 and 1349) in order to gain additional credit toward the Instrumentation Technology A.A.S. Students are encouraged to meet with the Lee College department chair to determine which college courses should be taken.

08793 AQUATIC SCIENCE, 1 credit

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 03030000

Prerequisite(s): **Biology**

In Aquatic Science, students study the interactions of biotic and abiotic components in aquatic environments, including impacts on aquatic systems. Investigations and field work in this course will emphasize both fresh water and marine aspects of aquatic science. Students who successfully complete Aquatic Science will acquire knowledge about a variety of aquatic systems, conduct investigations and observations of aquatic environments, work collaboratively with peers, and develop critical-thinking and problem-solving skills. This course is recommended for students in grades 11-12. It suggested the student has completed or is concurrently enrolled in Chemistry.

08853 ASTRONOMY, 1 credit

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 03060100

Prerequisite(s): **Science, 1 credit**

In Astronomy, students conduct laboratory and field investigations, use scientific methods, and make informed decisions using critical thinking and scientific problem solving. Students study the following topics: astronomy in civilization, patterns and objects in the sky, our place in space, the moon, reasons for the seasons, planets, the sun, stars, galaxies, cosmology, and space exploration. Students who successfully complete Astronomy will acquire knowledge within a conceptual framework, conduct observations of the sky, work

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collaboratively, and develop critical-thinking skills. Students must have completed one high school science credit prior to taking this course.

08523 BIOLOGY, 1 credit

GPA Level: Regular

Grade Level(s): 9

Service ID: 03010200

Prerequisite(s): **None**

In Biology, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; and ecosystems and the environment.

08613 CHEMISTRY, 1 credit

GPA Level: Regular

Grade Level(s): 10

Service ID: 03040000

Prerequisite(s): **Science, 1 credit; Algebra I**

In Chemistry, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory and chemical bonding, chemical stoichiometry, gas laws, solution chemistry, thermochemistry, and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives.

PHYS 1401 COLLEGE PHYS I: MECHANICS & HEAT (SC RES. & DESIGN I), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12

Service ID: 13037220

Prerequisite(s): **Algebra II or concurrent enrollment, BIO, CHEM, IPC, PHY.; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Study of principles and applications of concepts in mechanics, energy, heat, wave motion, and sound. Students must complete an individual project with a high school mentor and present their findings to a panel of professionals to earn high school credit.

PHYS 1402 COLLEGE PHYS II: SOUND, ELEC, ETC. (SC. RES. & DESIGN I), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12

Service ID: 13037220

Prerequisite(s): **Physics 1401, BIO, CHEM, IPC, PHY; Meet Dual Credit Requirements & See Lee College's Course Catalog**

Study of principles and applications of concepts in electricity and magnetism, geometric and physical optics, and modern physics.

19778 ENGINEER YOUR WORLD-EDPS (REL STEM ACADEMY ONLY), 1 credit

GPA Level: Pre-AP

Grade Level(s): 11-12

Service ID: 13037300

Science Credit

Prerequisite(s): **Geometry & Algebra 1**

Endorsement/Career Cluster: STEM/STEM, Advanced CTE

Developed by a team of University of Texas faculty, NASA engineers, and secondary teachers working with funding from the National Science Foundation, *Engineer Your World* is an innovative, student-centered curriculum that engages learners in authentic engineering experiences and inspires them to embrace an engineer's habits of mind. Collaborative, student-directed projects build resilient problemsolving skills and empower students to think like engineers, to adopt engineering processes, and to pursue engineering disciplines for the betterment of our world.

09778 ENGINEERING DESIGN & PROBLEM SOLVING, 1 credit

GPA Level: Regular

Grade Level(s): 11-12

Service ID: 13037300

Science Credit

Prerequisite(s): **Geometry & Algebra I**

Endorsement/Career Cluster: STEM/STEM, Advanced CTE

Are you interested in modern technology and engineering? This yearlong course focuses on the fundamentals of modern engineering and technology. Students will apply math, science and technology to engineering problems as well as develop computer skills. The engineering examples utilized in this course are based on representations of analog signals digitally, audio and video digital signal processing, digital communication, networking and data encryption. Upon completion of the course, students will have an understanding

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of how engineers design and build new technologies using math, science and ingenuity. Students unfamiliar with engineering will be exposed to a variety of career opportunities in related fields.

09780 ENGINEERING SCIENCE, 1 credit

GPA Level: Regular

Grade Level(s): 10-12 Service ID: 13037500 **Science Credit**

Prerequisite(s): **Introduction to Engineering Design, Algebra I, Biology, Chemistry, IPC or Physics**

Endorsement/Career Cluster: STEM/STEM, Advanced CTE Credit

In this Project Lead the Way course, through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

ENVR 1401 ENVIRONMENTAL SCIENCE I (SC RESEARCH & DESIGN I), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13037200

Prerequisite(s): **Biology, Chem, IPC or PHY; Meet Dual Credit Requirements & See Lee College's Course Catalog**

The goal of the Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The student will also study the diversity of life and the evidence for evolution through natural selection. Students must complete an individual project with a high school mentor and present their findings to a panel of professionals to earn high school credit.

ENVR 1402 ENVIRONMENTAL SCIENCE II (SC RESEARCH & DESIGN I), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13037200

Prerequisite(s): **ENVR 1401, BIO, CHEM, IPC, PHY; Meet Dual Credit Requirements & See Lee College's Course Catalog**

The goal of the Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The student will also study the diversity of life and the evidence for evolution through natural selection. Students must complete an individual project with a high school mentor and present their findings to a panel of professionals to earn high school credit.

09700 FOOD SCIENCE, 1 credit

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13023000 **Science Credit**

Prerequisite(s): **3 Units of Science including Chemistry & Biology**

Endorsement/Career Cluster: Business & Industry/Hospitality & Tourism

Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public. Students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving.

A \$20.00 fee will be assessed.

09795 FORENSIC SCIENCE, 1 credit

GPA Level: Regular

Grade Level(s): 11-12 Service ID: 13029500 **Science Credit**

Prerequisite(s): **Biology and Chemistry**

Endorsement/Career Cluster: Public Service/Law, Public Safety, Corrections & Security

Have you ever wondered how DNA connects a killer to a crime scene? In this course, students will learn forensic terminology and investigation procedures related to crime scenes. Students will also learn how to collect and analyze evidence, fingerprints, ballistic, blood spatters, toxicology and tire prints. This is a "hands-on" course for any student interested in law enforcement with a great deal of time spent in the field.

BIOL 1406 GENERAL BIOLOGY I (SCIENTIFIC RESEARCH & DESIGN I), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13037200

Prerequisite(s): **Biology, Chem, IPC or PHY, & See Lee College Course Catalog**

The student will study and describe the characteristics of life, identify basic requirements of life, structures of microorganisms, enzymes, viruses, cell membranes, genetic problems, and the synthesis and regulation of nucleic acids and proteins. The student will also study

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the diversity of life and the evidence for evolution through natural selection. The student will also study the diversity of life and the evidence for evolution through natural selection. Students must complete an individual project with a high school mentor and present their findings to a panel of professionals to earn high school credit.

BIOL 1407 GENERAL BIOLOGY II (SCIENTIFIC RESEARCH & DESIGN I), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12

Service ID: 13037200

Prerequisite(s): **Biology 1406, Chem, IPC or PHY; Meet Dual Credit Requirements & See Lee College's Course Catalog**

The student will study modern evolutionary synthesis, natural selection, population genetics, micro and macroevolution, and speciation. This course will also cover, phylogenetic relationships, classifications schemes, major phyla, physiology and homeostasis maintained by organ systems, sexual and asexual life cycles, and geologic changes, extinctions, and evolutionary trends. Students must complete an individual project with a high school mentor and present their findings to a panel of professionals to earn high school credit.

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CHEM 1411 GENERAL CHEMISTRY I (SCIENTIFIC RESEARCH & DESIGN I), ½ credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13037210

Prerequisite(s): **Algebra II or concurrent enrollment, Bio, Chem, IPC, or PHY; Meet Dual Credit Requirements & See Lee College's Course Catalog**

The study of fundamental concepts and laws underlying chemistry, including states of matter. Atomic structure, periodic table, chemical bonding, chemical reactions, solutions, gas laws, properties of solids and liquids, qualitative and quantitative analysis including instrumental methods.

CHEM 1412 GENERAL CHEMISTRY II (SCIENTIFIC RESEARCH & DESIGN I), 1/2 Credit

GPA Level: Dual Credit

Grade Level(s): 11-12 Service ID: 13037210

Prerequisite(s): **Chem 1411, Bio, Chem, IPC or PHY**

A continuation of CHEM 1411. Study of equilibrium, oxidation-reduction reactions, electrochemistry, chemical thermodynamics, chemical kinetics, solutions, solubility of salts, acids and bases, properties of elements in the qualitative analysis of common cations and anions, and quantitative analysis including instrumental methods.

KINE 1304 Health, 1/2 Credit

GPA Level: Dual Credit

Grade Level(s): 9-12 Service ID: 03810100

Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog**

This course provides an introduction to the fundamentals, concepts, strategies, applications, and contemporary trends related to understanding personal and /or community health issues. This course also focuses on empowering various populations with the ability to practice healthy living, promote healthy lifestyles, and enhance individual well-being.

08423 INT PHY/CHEM, 1 credit

GPA Level: Regular

Grade Level(s): 10-12 Service ID: 03060201

Prerequisite(s): **None**

In Integrated Physics and Chemistry, students conduct field and laboratory investigations, use scientific methods during investigations and make informed decisions using critical thinking and scientific problem solving. This course integrates the disciplines of physics and chemistry in the following topics: motion, waves, energy transformations, properties of matter, changes in matter, and solution chemistry. This course is ideally recommended for students in 10th grade.

19625 OnRamps - CHEMISTRY A, 5

GPA Level:

Grade Level(s): 10 -12 Service ID: 03040000

Prerequisite(s): **Algebra I**

Principles of Chemistry I addresses the nature of matter, energy, chemical reactions, and chemical thermodynamics. The course begins with a review of descriptive chemistry of matter in the natural world as well as compositional and reaction stoichiometry of chemical compounds. Throughout the course, students learn to think like scientists by exploring the underlying theoretical foundations of chemistry, making intuitive arguments for how the world works, and supporting those arguments with quantitative measures.

CHEM 1401 OnRamps Chemistry B, .5

GPA Level:

Grade Level(s): 10-12 Service ID: 03040000

Prerequisite(s): **Algebra I and OnRamps Chemistry A 19625**

Principles of Chemistry I addresses the nature of matter, energy, chemical reactions, and chemical thermodynamics. The course begins with a review of descriptive chemistry of matter in the natural world as well as compositional and reaction stoichiometry of chemical compounds. Throughout the course, students learn to think like scientists by exploring the underlying theoretical foundations of chemistry, making intuitive arguments for how the world works, and supporting those arguments with quantitative measures.

19725 ONRAMPS PHYSICS A, .5

GPA Level:

SOCIAL STUDIES

Grade Level(s): 11-12 Service ID: 03050000
Service ID: 03050000

Prerequisite(s): **Algebra I and Geometry (Algebra II recommended)**

This is an algebra-based (non-calculus) course in mechanics that fulfills a general physics requirement. Concepts include mechanics, Heat, and Sound introduces big ideas in physics, such as Newtonian mechanics (including motion, force, energy, and rotation), as well as solid, fluids, oscillations, waves, sound, and heat. The lab component, engages students in both guided and open inquiry investigations of physical principles, and is designed to instill foundational scientific reasoning, data collection, and analytical skills. This course lays the conceptual groundwork for STEM majors.

PHYS 1301 ONRAMPS PHYSICS B, .5

GPA Level:

Grade Level(s): 11-12 03050000

Prerequisite(s): **Algebra I, Geometry and OnRamps Physics A 19725 (Algebra is also II preferred)**

This is an algebra-based (non-calculus) course in mechanics that fulfills a general physics requirement. Concepts include mechanics, Heat, and Sound introduces big ideas in physics, such as Newtonian mechanics (including motion, force, energy, and rotation), as well as solid, fluids, oscillations, waves, sound, and heat. The lab component, engages students in both guided and open inquiry investigations of physical principles, and is designed to instill foundational scientific reasoning, data collection, and analytical skills. This course lays the conceptual groundwork for STEM majors.

08723 PHYSICS, 1 credit

GPA Level: Regular

Grade Level(s): 10-12 Service ID: 03050000

Prerequisite(s): **Algebra I**

In Physics, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics. Students who successfully complete Physics will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical-thinking skills.

08513 PRE-AP BIOLOGY, 1 credit

GPA Level: Pre-AP

Grade Level(s): 9 Service ID: 03010200

Prerequisite(s): **None**

Pre-AP Biology is an enriched and expanded course in which the course content of Biology has additional strategies added. Students enrolled in this course must meet the entrance requirements specified by the district. The course will include specific criteria and materials intended to prepare students for success in College Board Advanced Placement courses.

08623 PRE-AP CHEMISTRY, 1 credit

GPA Level: Pre-AP

Grade Level(s): 10 Service ID: 03040000

Prerequisite(s): **Science, 1 credit; Algebra I**

The essential elements and course content of chemistry are expanded and enriched. Instructional strategies facilitate the development of higher level critical thinking skills and provide opportunities for independent and guided research. It is suggested that the student has completed or is concurrently enrolled in Algebra II.

08713 PRE-AP PHYSICS, 1 credit

GPA Level: Pre-AP

Grade Level(s): 10-12 Service ID: 03050000

Prerequisite(s): **Algebra I**

This course is intended to prepare students for taking either AP Physics B or AP Physics C during their senior year. Throughout the year the course will have an intense focus on problem solving while building a solid foundation of physics concepts that the students will use in future physics courses. Topics covered in this course include vectors, projectile motion, momentum, conservation of energy, rotation

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Service ID:

and gravitation, electricity, magnetism, and nuclear physics. This course is intended for students intending to work on a physical science or engineering-related major when they get to college. It suggested the student has completed or is concurrently enrolled in Pre-Cal.

03103 AP EUROPEAN HISTORY, 1 credit

GPA Level: Advanced Placement

Grade Level(s): 10-12

A3340200

Prerequisite(s): **World History Studies or World Geography**

This course is a one-year elective study of European History in its global context; the class is taught at the college level using collegelevel materials. The course includes strategies for taking the College Board Advanced Placement Exam in European History.

03131 AP MACROECONOMICS, ½ credit

GPA Level: Advanced Placement

Grade Level(s): 12

Service ID: A3310200

Prerequisite(s): **Mastery of US History EOC**

Macroeconomics is the study of basic economic concepts, measurement of economic performance, national income and price determination, and international economics and growth. This course substitutes for the state-required economics, is taught at the college level, and includes strategies for taking the College Board Advanced Placement Exam.

03121 AP GOVERNMENT, ½ credit

GPA Level: Advanced Placement

Grade Level(s): 12

Service ID: A3330100

Prerequisite(s): **Mastery of US History EOC**

This course is a one-half (1/2) year study of United States government and politics that is taught at the college level using college-level materials. United States Government and Politics-AP substitutes for the state-required Government course and include strategies for taking the College Board Advanced Placement Exam.

03802 ECONOMICS-FR ENT, ½ credit

GPA Level: Regular

Grade Level(s): 12

Service ID: 03310300

Prerequisite(s): **None**

The focus is on the basic principles concerning production, consumption, and distribution of goods and services (the problem of scarcity) in the United States and a comparison with those in other countries around the world. Students analyze the interaction of supply, demand, and price. Students will investigate the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy. Students will study the roles of the Federal Reserve System and other financial institutions, government, and businesses in a free enterprise system. Types of business ownership and market structures are discussed. The course also incorporates instruction in personal financial literacy. Students apply critical-thinking skills using economic concepts to evaluate the costs and benefits of economic issues.

03743 AP HUMAN GEOGRAPHY, 1 credit

GPA Level: Advanced Placement

Grade Level(s): 9-10

Service ID: A3360100

Prerequisite(s): **Passed 8th grade Social Studies STAAR**

This course is the study of Human Geography. The purpose of this Advanced Placement course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. This course may replace World Geography for graduation requirements.

03603 AP PSYCHOLOGY, 1 credit

GPA Level: Advanced Placement

Grade Level(s): 10-12

Service ID: A3350100

Prerequisite(s): **None**

AP Psychology is an introductory psychology course taught at the college level using college-level materials. Students will become familiar with the College Board Advanced Placement testing format.

03113 AP US HISTORY, 1 credit

GPA Level: Advanced Placement

SOCIAL STUDIES

Service ID:

Grade Level(s): 11 Service ID: A3340100

Prerequisite(s): **None**

This course a one-year survey of United States history from early colonialism to present and is taught at the college level using collegelevel materials. AP United States History includes strategies for taking the College Board Advanced Placement Exam.

03333 AP WORLD HISTORY, 1 credit

GPA Level: Advanced Placement

Grade Level(s): 9-10 Service ID: A3370100

Prerequisite(s): **Passed 8th grade Social Studies STAAR**

AP World History will cover College Board required content and will prepare students for taking the AP World History exam. This course is a one year course of study of the history, culture, and traditions of the world - prehistoric times to present.

SOCIAL STUDIES

03401 GOVERNMENT, ½ credit	Service ID:		GPA Level: Regular
Grade Level(s): 12		03330100	
Prerequisite(s): None			
This course is a required one-half (1/2) year study of the institutions, processes, and values of the United States political system.			
HIST 1302 HISTORY OF US SINCE 1877 (US HISTORY B), ½ credit			GPA Level: Dual Credit

Grade Level(s): 11	Service ID:	03340100	
Prerequisite(s): Meet Dual Credit Requirements & See Lee College's Course Catalog			
The political, economic, social, and intellectual history of the United States from 1877 to the present day. A research component is required for honors credit. Lecture Hrs = 3, Lab Hrs = 0			
HIST 1301 HISTORY OF US TO 1877 (US HISTORY A), ½ credit			GPA Level: Dual Credit

Grade Level(s): 11	Service ID:	03340100	
Prerequisite(s): Meet Dual Credit Requirements & See Lee College's Course Catalog			
The political, economic, social, and intellectual history of the United States from the discovery of America to 1877. A research component is required for honors credit. Lecture Hrs = 3, Lab Hrs = 0			
03561 INTRO PSYCHOLOGY, ½ credit			GPA Level: Regular

Grade Level(s): 9-12	Service ID:	03350100	
Prerequisite(s): None			
This course is a one-half (1/2) year elective study of basic principles in psychology. Students will be introduced to theories of human growth and development, personality, conflicts and adjustments, learning/cognitive processes, and social behavior.			
SOCI 1301 INTRO.TO SOCIOLOGY (SOCIOLOGY), ½ credit			GPA Level: Dual Credit

Grade Level(s): 11-12	Service ID:	03370100	
Prerequisite(s): Meet Dual Credit Requirements & See Lee College's Course Catalog			
The principles of social organization including the study of social groups, culture, social change, personality population, rural and urban communities, social class and caste systems, and social institutions such as the family, recreation and religion. Lecture Hrs = 3, Lab Hrs = 0			
03411 MEXICAN-AMERICAN STUDIES, 1 credit			GPA Level: Regular

Grade Level(s): 10-12	Service ID:	N1130023	
Prerequisite(s): None			
In Mexican-American Studies students learn about the history and cultural contributions of Mexican Americans. Students will explore history and culture from an interdisciplinary perspective.			
PSYC 2301 PSYCHOLOGY (PSYCHOLOGY), ½ credit			GPA Level: Dual Credit

Grade Level(s): 11-12	Service ID:	03350100	
Prerequisite(s): Meet Dual Credit Requirements & See Lee College's Course Catalog			
A survey of the fields of general psychology; the biological and psychological basis of human behavior, intelligence, motivation, emotion, learning, personality, memory, and psychopathology. Lecture Hrs = 3, Lab Hrs = 0			
03581 SOCIOLOGY, ½ credit			GPA Level: Regular

Grade Level(s): 9-12	Service ID:	03370100	
Prerequisite(s): None			

SOCIAL STUDIES

This course is a one-half (1/2) year elective study of people as members of a group. Students will study peer relations, marriage, family life, crime, aging differing culture groups in our society, and other issues in group behavior.

HUMA 1305 SPEC Top SS - Mexican American Studies, 1/2 Credit

GPA Level: Dual Credit

Grade Level(s): 12 Service ID: 03380021

Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog**

Introduction to the field of Mexican-American/Chicano/a Studies from its inception to the present. Interdisciplinary survey designed to introduce students to the salient cultural, economic, educational, historical, political, and social aspects of the MexicanAmerican/Chicano/a experience. This course is writing intensive.

GOVT 2306 Spec Top SS - Texas Government, 1/2 Credit

GPA Level: Dual Credit

Grade Level(s): 12 Service ID: 03380022

Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog**

Origin and development of the Texas constitution, structure and powers of state and local government, federalism, and intergovernmental relations, political participation, the election process, public policy and the political culture of Texas. This is an elective course for students interested in government and does not substitute as the state mandated course for graduation.

03413 SPEC TOP SS HISTORY THROUGH FILM, ½ credit

GPA Level: Regular

Grade Level(s): 10-12 Service ID: 03380002

Prerequisite(s): **None**

Students will be able to look at visual media and place a historical context in film. They will be able to understand the events the film is about, and also what is happening historically during the film's production, which has a major impact on visual media.

03417 SPEC TOP SS SPORTS HISTORY, ½ credit

GPA Level: Regular

Grade Level(s): 10-12 Service ID: 03380022

Prerequisite(s): **None**

This course is a comprehensive look at the history of Sports in America. The focus of the course is to review certain events, eras and unique individuals and teams that shaped the culture of America, The use of film and technology based assets will be used to discover the impact of sports on the history of the American psyche.

GOVT 2305 US GOVERNMENT (GOVERNMENT), ½ credit

GPA Level: Dual Credit

Grade Level(s): 12 Service ID: 03330100

Prerequisite(s): **Meet Dual Credit Requirements & See Lee College's Course Catalog**

Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights. Lecture Hrs = 3, Lab Hrs = 0

This course may be substituted for the state mandated semester course of government for graduation.

03203 US HISTORY, 1 credit

GPA Level: Regular

Grade Level(s): 11 Service ID: 03340100

Prerequisite(s): **None**

This course is a required one-year study of United States history since Reconstruction. The students will receive instruction over significant events in the nation's history and the forces that have helped shape our political, social, and economic institutions.

03713 WLD GEO PRE-AP, 1 credit

GPA Level: Pre-AP

Grade Level(s): 9-10 Service ID: 03320100

Prerequisite(s): **None**

This course is a one-year study of the physical and cultural geography of the world. Students will receive instruction in skills and strategies that will prepare them for enrollment in Advanced Placement social studies courses.

03703 WLD GEOGRAPHY, 1 credit

GPA Level: Regular

SOCIAL STUDIES

Service ID:

Grade Level(s): 9-10 Service ID: 03320100

Prerequisite(s): **None**

This course is a one-year study of the physical and cultural geography of the world.

03313 WLD HIST PRE-AP, 1 credit

GPA Level: Pre-AP

Grade Level(s): 9-10 Service ID: 03340400

Prerequisite(s): **None**

This course is a one-year study of the problems/achievements of world cultures from earliest times to the present and their impact on the world in which the student lives. Students will receive instruction in skills and strategies that will prepare them for enrollment in Advanced Placement or Dual Credit Social Studies courses.

03303 WLD HISTORY, 1 credit

GPA Level: Regular

Grade Level(s): 9-10 Service ID: 03340400

Prerequisite(s): **None**

This course is a one-year study of the problems/achievements of world cultures from earliest times to the present and their impact on the world in which the student lives.