

HARDIN HIGH SCHOOL



COURSE CATALOG

2023-2024

Hardin High School

P.O. Box 330
Hardin, Texas 77561

Dear Parents and Students:

We want to welcome you to a new beginning in your educational career and Hardin ISD! Here at Hardin High School, we offer several opportunities to enhance your child's education that will aid him/her in a future career.

The HHS Course Catalog is designed to help you and your student become familiar with all that Hardin High School has to offer academically. The purpose of this course catalog is to help you develop an understanding of the secondary school program and course offerings at Hardin High School. We hope that this packet will explain the various graduation plans and/or courses offered here at Hardin High School and will help you make an informed decision about your future.

It is the goal of our school to offer a challenging academic program for every student. Society demands that young adults be well prepared academically if they are to function as future successful citizens of the community. The decisions you make today will affect the rest of your life. Select those courses that will challenge and prepare you to live in a modern technical society.

Students need 26 credits to graduate on the Foundation High School Program with an Endorsement in a Career Plan of Study. All students must select an endorsement prior to enrolling in 9th grade. Students may change their endorsement after visiting with the counselor and updating their course selections and personal graduation plan prior to entering 11th grade. This course catalog has detailed information about the graduation plans and endorsement pathways.

Your counselor, teachers, administrators and Board of Trustees are ready to assist and provide you with the guidance necessary to help you plan your secondary school course of studies.

Sincerely,

Hardin High School

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COURSE AND CREDIT REQUIREMENTS

COURSE CREDIT

A student in grades 9–12, or in a lower grade when a student is enrolled in a high school credit bearing course, will earn credit for a course only if their semester grade is 70 or above. All high school credit is earned on a semester basis. For a two-semester (1 credit) course, credit will be awarded on a semester basis and only if their semester grade is 70 or above. For a one semester course (1/2 credit), credit will be awarded only if the student earns a 70 or above for the semester. Should the student's semester average fall below a 70 during a two semester (1 credit) course the student will only be required to retake the semester in which he or she failed.

COURSE REQUIREMENT

In order for a course to be taught, a minimum of 12 students must request the course. Should a course have less than 12 requests, that course may not be offered that school year.

CREDIT BY EXAM

For Credit Recovery

Students who have previously failed a course may sign up to take an examination to regain credit. Students are only eligible to take a credit by exam for credit recovery if they have previously scored a 60 or above in a course. Edmentum is reserved for credit recovery only and not for initial credit without prior principal approval.

For Acceleration (without prior instruction)

Students may wish to take a credit by exam for acceleration. Credit by exam for acceleration means the student tests without prior instruction in a course. Students wishing to gain credit in a course through credit by exam for acceleration must earn a 90 on the exam to gain credit for the course. Edmentum is reserved for credit recovery only and not for initial credit without prior principal approval. Students wishing to earn credit by exam must go through an appropriate accredited program: such as University of Texas K-12 online or Texas Tech University K-12 Online for the approved course or exam as approved by the district at the parents own expense. Students may also complete dual credit courses through Lee College during the summer at the parent's expense.

CREDIT RECOVERY

Students who failed a course in the current year or previous school year may be scheduled in the HOST lab to regain the credit. Students will be enrolled in an online course through Edmentum/PLATO. Online assignments can be completed at home but the final exam must be taken at school.

DUAL CREDIT COURSES

Through a partnership with Lee College, Hardin High School students are given the opportunity to take Dual Credit Courses. Dual Credit courses allow a high school student to earn high school credit while completing college credit courses.

Students interested must apply for admissions online and then complete the appropriate entrance exams. Students who do not meet the entrance requirements will be placed in a regular level course on the high school campus. Entrance requirements are set by the State of Texas Higher Education Coordinating Board and not Hardin High School.

FULL YEAR COURSES

Please note that courses designated as 1 credit are full year courses. These courses are intended to be taken both semester 1 and semester 2 and may not be dropped by the student mid-year.

HONORS LEVEL COURSES

Hardin High School offers certain courses that are considered honors level courses. The list of courses offered at honors levels is located in the Student Handbook and in the Course Catalog. In order to qualify for entry into an honors level course, students must meet an expected level of performance on an honors entrance exam that proves advanced academic readiness in that particular subject area. STAAR scores, course grades, and parent requests will also be considered for placement in honors classes.

GRADE CLASSIFICATION

Freshman	0 - 6.5 credits
Sophomore	7 - 12.5 credits
Junior	13- 19.5 credits
Senior	20- 26+ credits

HIGH SCHOOL GRADUATION REQUIREMENTS

GRADUATING WITH AN ENDORSEMENT

Students must meet ALL of the following requirements for graduation:

1. Must have completed the required graduation plan plus endorsement earning a minimum of 26 credits. Required courses are listed in the plans.
2. Complete the required State of Texas testing requirements.
3. Meet State of Texas attendance requirements.

FOUNDATION HIGH SCHOOL PROGRAM

Every student in a Texas public school who entered 9th grade beginning in the 2014–2015 school year will graduate under the Foundation High School Program. Within the foundation graduation program are endorsements, which are paths of interest that include Science, Technology, Engineering, and Mathematics (STEM); Business and Industry; Public Services; Arts and Humanities; and Multidisciplinary Studies.

Endorsements earned by a student will be noted on the student's transcript.

A Personal Graduation Plan (PGP) will be developed for each high school student who is subject to the requirements of the Foundation High School Program. The District encourages all students to pursue a PGP that includes the completion of at least one endorsement and to graduate with the Distinguished Level of Achievement (see below). The school will review PGP options with each student prior to entering ninth grade. In addition, parent(s) and/or guardian(s) will be required to sign the PGP that includes a course of study that promotes college and career readiness as well as facilitates the transition from secondary to postsecondary education.

State law and rules prohibit a student from graduating solely under the Foundation High School Program without an endorsement unless, after the student's sophomore year, the student and student's parent(s) and/or guardian(s) are advised of the specific benefits of graduating with an endorsement. Written permission must be submitted to the school counselor for the student to graduate without an endorsement. A student who anticipates graduating under the Foundation High School Program without an endorsement and plans to attend a four-year university/college after graduation must carefully consider whether this will satisfy the admission requirements of the student's desired college/university. In order to graduate with the Foundation High School Program with an endorsement, a student must earn at least 26 credits.

DISTINGUISHED LEVEL OF ACHIEVEMENT

A high level of academic achievement earned by going beyond the Foundation High School Program, the Distinguished Level of Achievement requires a total of 26 course credits, including Algebra II, a fourth science credit, and an endorsement. A student must earn this designation to be eligible for Top 10 Percent automatic admission to a Texas public university.

PERFORMANCE ACKNOWLEDGEMENTS

Students may earn an additional acknowledgment on their diploma because of outstanding performance in areas such as dual credit courses, bilingualism, bi-literacy; college entrance exams (SAT or ACT); or by earning a nationally or internationally recognized business or industry certification. In addition, the performance acknowledgment request worksheet is included in the Appendix.

EARLY GRADUATES

Students who wish to graduate early must meet with their counselor and sign an Early Graduation Contract and plan their courses accordingly. All contracts must be on file by the conclusion of their sophomore year. Early graduates must fulfill all of the requirements of his/her PGP. Eligible students who complete all graduation requirements through Hardin High School in three instead of four years, will be ranked for graduation with students who completed requirements in four years. In addition, eligible students whose class rank places them in the Top Ten Percent will be recognized as honor graduates. The student's PGP will denote an appropriate course sequence based on the student's choice of endorsement. A student may, with parental permission, amend his or her PGP after the initial confirmation.

Please also review TEA's Graduation Toolkit: <http://tea.texas.gov/communications/brochures.aspx>.

COLLEGE BOUND STUDENTS

Typical Minimum Entrance Requirements:

Each college has its own set of entrance requirements and proficiency levels. One must visit the websites for each college in order to gather the most up-to-date information. Students should note that the entrance requirements vary within departments or divisions of a college. For example, engineering schools require that students present additional units in mathematics and science.

EARLY GRADUATES

In the event that a student is wanting the opportunity to graduate a year early from Hardin High School (junior year) a student must follow the process outlined below.

In order for a student to be eligible for early graduation, the student must meet the following requirements:

1. Pass at least 3 of the EOC tests.
2. Be able to take all Junior and Seniors courses in their 3rd year of high school.
3. Credits that are not able to fit in the student's 3rd year will need to be taken through dual credit opportunities, credit by exam, or courses to earn credit through a TEA approved agency. (example TTU K-12). These courses will be at the expense of the student/parent.
4. Students must graduate with an endorsement from Hardin High School unless otherwise approved by the principal and parent. A student may need to change to a different endorsement if the declared endorsement is not able to be obtained.
5. If the additional courses that do not fit into the students final year (3rd year) are not completed prior to the students final year, the student may not be eligible for graduating early.
6. As an early graduate, my rank will be determined for the class and year in which I am graduating.
7. I will check with the college I wish to attend to determine if early graduation or dual credit will affect my enrollment status.

Following graduation, my plan is to:

- Attend College: _____
- Join the Military: _____
- Accept employment in the workplace: _____
- Other: _____

Courses required for early graduation: See Attached Transcript

- Student will graduate on Foundation with Endorsement: _____
- Student will graduate on Foundation (22 credits)- Must sign Foundation Paperwork

Parent Signature

Student Signature

Counselor Signature

Principal Signature

GRADUATION PROGRAM OVERVIEW

Students must complete the requirements of the Foundation High School Program to earn a high school diploma. In addition, all students are expected to select an Endorsement when enrolling in high school.

Foundation High School Program	Foundation High School Program with an Endorsement
English Language Arts (4 credits) <ul style="list-style-type: none"> ● English I ● English II ● English III ● English IV/ or College Prep English 	English Language Arts (4 credits) <ul style="list-style-type: none"> ● English I ● English II ● English III ● English IV/ or College Prep English
Mathematics (3 credits) <ul style="list-style-type: none"> ● Algebra I ● Geometry ● Advanced Math/ or College Prep Math 	Mathematics (4 credits) <ul style="list-style-type: none"> ● Algebra I ● Geometry ● Advanced Math ● Additional Advanced Math/ or College Prep Math
Science (3 credits) <ul style="list-style-type: none"> ● Biology I ● Integrated Physics & Chemistry (IPC) ● Advanced Science 	Science (4 credits) <ul style="list-style-type: none"> ● Biology I ● IPC or Advanced Science ● Advanced Science ● Additional Advanced Science
Social Studies, including Economics (3 credits) <ul style="list-style-type: none"> ● World History ● U.S. History ● Government (0.5) ● Economics (0.5) ● Personal Financial Literacy & Economics (0.5) 	Social Studies, including Economics (3 credits) <ul style="list-style-type: none"> ● World History ● U.S. History ● Government (0.5) ● Economics (0.5) ● Personal Financial Literacy & Economics (0.5)
Physical Education (1 credit)	Physical Education (1 credit)
Language other than English (LOTE) (2 credits) <ul style="list-style-type: none"> ● Spanish I ● Spanish II 	Language other than English (LOTE) (2 credits) <ul style="list-style-type: none"> ● Spanish I ● Spanish II
Fine Arts (1 credit)	Fine Arts (1 credit)
Electives (5 credits) <ul style="list-style-type: none"> ● Additional Electives (5.0) 	Electives (3 credits) <ul style="list-style-type: none"> ● Additional Electives (3.0)
	Endorsement (4 credits) <ul style="list-style-type: none"> ● See options on pages 11-18
Total: 22 credits	Total: 26 credits

DISTINGUISHED

DISTINGUISHED LEVEL OF ACHIEVEMENT MAY BE EARNED BY SUCCESSFULLY COMPLETING:

4 CREDITS IN MATH (Must Include Algebra II)

4 CREDITS IN SCIENCE

CURRICULUM REQUIREMENTS FOR AT LEAST ONE ENDORSEMENT

***Students who earn a distinguished level of achievement
may be eligible for top 10% automatic admission***

FOUNDATION + ENDORSEMENT—26 CREDITS

22 FOUNDATION CREDITS *

1 ADDITIONAL MATH

1 ADDITIONAL SCIENCE

2 ADDITIONAL ELECTIVES

* CREDITS MUST MEET CURRICULUM
REQUIREMENTS FOR ONE
ENDORSEMENT.

STEM

BUSINESS &
INDUSTRY

PUBLIC
SERVICES

ARTS &
HUMANITIES

MULTI-
DISCIPLINARY

FOUNDATION—22 CREDITS

4 ENGLISH LANGUAGE ARTS (English I, II, III, & IV)

3 SCIENCE (Biology, 1 lab-based Science, & 1 Advanced Science)

3 MATHEMATICS (Algebra I, Geometry, & 1 Advanced Math)

3 SOCIAL STUDIES (World History, US History, & Government/Economics)

2 FOREIGN LANGUAGE (Spanish I, & II)

1 FINE ART

1 PHYSICAL EDUCATION

HARDIN HIGH SCHOOL ENDORSEMENTS

The following are examples of Hardin High School’s four-year graduation plans plus endorsements with the suggested order of classes. Students will need to choose a personal graduation plan plus endorsement to follow during their high school years. The graduation plan chosen will determine the type of courses and CTE elective choices available to the student.

Business & Industry Endorsement				
Program of Study: Agriculture - Animal Science				
Career Field Examples: Animal Trainer, Livestock Production				
	9th Grade	10th Grade	11th Grade	12th Grade
ENGLISH	English I	English II	English III	Upper Level English
MATH	Algebra I	Geometry	Algebra II	Algebra II or Pre-Calculus or Advanced Math
SCIENCE	Biology	IPC or Chemistry	Chemistry or Physics	Environmental Science or Advanced Science
SOCIAL STUDIES		World History	US History	Government (1/2) Economics (1/2) or PFLE (1/2)
PHYSICAL EDUCATION	P.E or Athletics			
FOREIGN LANGUAGE	Spanish I	Spanish II		
FINE ARTS	Art, Band, Floral Design, Theatre Arts			
CAREER AND TECHNOLOGY ELECTIVES	Principles of Agriculture, Food, and Natural Resources	Small Animal Management (1/2) and Equine Science (1/2)	Livestock Production	Advanced Animal Science, or Veterinary Medical Applications or Practicum in AFNR
OTHER ELECTIVES	BIM	2 Electives	3 Electives	3 Electives

**It is the expectation of the district that all students will take an industry-based certification as part of their course curriculum, to better prepare them for life after high school.

Industry-based certifications represent skills and learning that open doors and act as a springboard for higher levels of achievement to ensure students' independence and success in life beyond high school.

FOR ALL ENDORSEMENTS – ALGEBRA II MUST BE TAKEN IF GRADUATING WITH THE DISTINGUISHED LEVEL OF ACHIEVEMENT

Business & Industry Endorsement

Program of Study: Agriculture – Applied Agricultural Engineering
Career Field Examples: Welder, Production Manager, Fabrication

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
ENGLISH	English I	English II	English III	Upper Level English
MATH	Algebra I	Geometry	Algebra II	Algebra II or Pre-Calculus or Advanced Math
SCIENCE	Biology	IPC or Chemistry	Chemistry or Physics	Environmental Science or Advanced Science
SOCIAL STUDIES		World History	US History	Government (1/2) Economics (1/2) or PFLE (1/2)
PHYSICAL EDUCATION	P.E or Athletics			
FOREIGN LANGUAGE	Spanish I	Spanish II		
FINE ARTS	Art, Band, Floral Design, Theatre Arts			
CAREER AND TECHNOLOGY ELECTIVES	Principles of Agriculture, Food, and Natural Resources	Agricultural Mechanics & Metal Technologies or Agricultural Structures Design and Fabrication	Agricultural Equipment Design and Fabrication	Practicum in AFNR or Career Preparation
OTHER ELECTIVES	BIM	2 Electives	3 Electives	3 Electives

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WITH THE DISTINGUISHED LEVEL OF ACHIEVEMENT

Business & Industry Endorsement

Program of Study: Agriculture - Agribusiness

Career Field Examples: Farming, Farm Loan Officers, Buyers & Purchasing of Farm Products

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
ENGLISH	English I	English II	English III	Upper Level English
MATH	Algebra I	Geometry	Algebra II	Algebra II or Pre-Calculus or Advanced Math
SCIENCE	Biology	IPC or Chemistry	Chemistry or Physics	Environmental Science or Advanced Science
SOCIAL STUDIES		World History	US History	Government (1/2) Economics (1/2) or PFLE (1/2)
PHYSICAL EDUCATION	P.E or Athletics			
FOREIGN LANGUAGE	Spanish I	Spanish II		
FINE ARTS	Art, Band, Theatre Arts			
CAREER AND TECHNOLOGY ELECTIVES	Principles of Agriculture, Food, and Natural Resources	Professional Standards in Agribusiness (1/2) and Professional Communications (1/2)	Agribusiness Management and Marketing	Agricultural Leadership, Research, & Communications, or Practicum in AFNR
OTHER ELECTIVES	BIM	2 Electives	2 Electives	3 Electives

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Business & Industry Endorsement

Program of Study: AAVTC - Design and Multimedia Arts

Career Field Examples: Graphic Designer, Animator, Artist, Photographer, Illustrator

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
ENGLISH	English I	English II	English III	Upper Level English
MATH	Algebra I	Geometry	Algebra II	Algebra II or Pre-Calculus or Advanced Math
SCIENCE	Biology	IPC or Chemistry	Chemistry or Physics	Environmental Science or Advanced Science
SOCIAL STUDIES		World History	US History	Government (1/2) Economics (1/2) or PFLE (1/2)
PHYSICAL EDUCATION	P.E or Athletics			
FOREIGN LANGUAGE	Spanish I	Spanish II		
FINE ARTS	Art, Band, Floral Design, Theatre Arts			
CAREER AND TECHNOLOGY ELECTIVES	Principles of Arts, A/V, Technology and Communications	Commercial Photography I	Commercial Photography II	Career Preparation
OTHER ELECTIVES	BIM	2 Electives	3 Electives	3 Electives

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FOR ALL ENDORSEMENTS – ALGEBRA II MUST BE TAKEN IF GRADUATING
WITH THE DISTINGUISHED LEVEL OF ACHIEVEMENT

Business & Industry Endorsement

Program of Study: Business - Business Management & Administration
Career Field Examples: Marketing, Banker, Social Media Specialist

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
ENGLISH	English I	English II	English III	Upper Level English
MATH	Algebra I	Geometry	Algebra II	Algebra II or Pre-Calculus or Advanced Math
SCIENCE	Biology	IPC or Chemistry	Chemistry or Physics	Environmental Science or Advanced Science
SOCIAL STUDIES		World History	US History	Government (1/2) Economics (1/2) or PFLE (1/2)
PHYSICAL EDUCATION	P.E or Athletics			
FOREIGN LANGUAGE	Spanish I	Spanish II		
FINE ARTS	Art, Band, Floral Design, theatre Arts			
CAREER AND TECHNOLOGY ELECTIVES	BIM	Virtual Business (1/2) and Human Resources (1/2)	Business Management	Yearbook or Career Preparation
OTHER ELECTIVES	1 Elective	2 Electives	3 Electives	3 Electives

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**FOR ALL ENDORSEMENTS – ALGEBRA II MUST BE TAKEN IF GRADUATING
WITH THE DISTINGUISHED LEVEL OF ACHIEVEMENT**

Business & Industry Endorsement

Program of Study: Hospitality and Tourism - Culinary Arts
Career Field Examples: Food and Beverage Manager, Chef and Head Cooks

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
ENGLISH	English I	English II	English III	Upper Level English
MATH	Algebra I	Geometry	Algebra II	Algebra II or Pre-Calculus or Advanced Math
SCIENCE	Biology	IPC or Chemistry	Chemistry or Physics	Environmental Science or Advanced Science
SOCIAL STUDIES		World History	US History	Government (1/2) Economics (1/2) or PFLE (1/2)
PHYSICAL EDUCATION	P.E or Athletics			
FOREIGN LANGUAGE	Spanish I	Spanish II		
FINE ARTS	Art, Band, Floral Design, theatre Arts			
CAREER AND TECHNOLOGY ELECTIVES	Intro to Culinary Arts	Culinary Arts (2)	Advanced Culinary Arts (2)	Food Science (1) or Career Preparation (2)
OTHER ELECTIVES	BIM	2 Electives	3 Electives	3 Electives

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FOR ALL ENDORSEMENTS – ALGEBRA II MUST BE TAKEN IF GRADUATING
WITH THE DISTINGUISHED LEVEL OF ACHIEVEMENT

Multidisciplinary Studies Endorsement

Program of Study: General Studies – Preparation for the Workforce or College Prep
Career Field Examples: Any career not covered under another endorsement

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
ENGLISH	English I	English II	English III	English IV (Required)
MATH	Algebra I	Geometry	Algebra II or Math Models	Algebra II or Pre-Calculus or Advanced Math
SCIENCE	Biology	IPC or Chemistry	Chemistry or Physics	Physics or Advanced Science
SOCIAL STUDIES		World History	US History	Government (1/2) Economics (1/2) or PFLE (1/2)
PHYSICAL EDUCATION	P.E or Athletics			
FOREIGN LANGUAGE	Spanish I	Spanish II		
FINE ARTS	Art, Band, Floral Design, Theatre Arts			
CAREER AND TECHNOLOGY ELECTIVES	Introductory Endorsement Elective	1 CTE Elective	2 CTE Electives	1 CTE Elective
OTHER ELECTIVES	BIM	2 Electives	2 Electives	3 Electives

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FOR ALL ENDORSEMENTS – ALGEBRA II MUST BE TAKEN IF GRADUATING WITH THE DISTINGUISHED LEVEL OF ACHIEVEMENT

STEM Endorsement

Program of Study: General Studies – Preparation for the Workforce or College Prep
Career Field Examples: Any career not covered under another endorsement

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
ENGLISH	English I	English II	English III	Upper Level English
MATH	Algebra I	Geometry	Algebra II	Algebra II or Pre-Calculus or Advanced Math
SCIENCE	Biology	IPC or Chemistry	Chemistry or Physics	Physics or Advanced Science
SOCIAL STUDIES		World History	US History	Government (1/2) Economics (1/2) or PFLE (1/2)
PHYSICAL EDUCATION	P.E or Athletics			
FOREIGN LANGUAGE	Spanish I	Spanish II		
FINE ARTS	Art, Band, Floral Design, Theatre Arts			
CAREER AND TECHNOLOGY ELECTIVES	Introductory Endorsement Elective	1 CTE Elective	2 CTE Electives	1 CTE Elective
OTHER ELECTIVES	BIM	2 Electives	2 Electives	3 Electives

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Industry-based certifications represent skills and learning that open doors and act as a springboard for higher levels of achievement to ensure students' independence and success in life beyond high school.

To earn a STEM Endorsement, students must take a total of 5 science or math courses; such as: Biology, Chemistry, Physics and 2 additional science courses; or Algebra I, Geometry, Algebra II, and 2 additional math courses.

**FOR ALL ENDORSEMENTS – ALGEBRA II MUST BE TAKEN IF GRADUATING
WITH THE DISTINGUISHED LEVEL OF ACHIEVEMENT**

Public Services Endorsement

Program of Study: Health Science – Family and Community Services
Career Field Examples: Nurse, Physical Therapist, EMT, Counselor, Social Worker

	9 th Grade	10 th Grade	11 th Grade	12 th Grade
ENGLISH	English I	English II	English III	Upper Level English
MATH	Algebra I	Geometry	Algebra II	Algebra II or Pre-Calculus or Advanced Math
SCIENCE	Biology	IPC or Chemistry	Chemistry or Physics	Anatomy and Physiology
SOCIAL STUDIES		World History	US History	Government (1/2) Economics (1/2) or PFLE (1/2)
PHYSICAL EDUCATION	P.E or Athletics			
FOREIGN LANGUAGE	Spanish I	Spanish II		
FINE ARTS	Art, Band, Floral Design, Theatre Arts			
CAREER AND TECHNOLOGY ELECTIVES	Principles of Human Services	Child Development	Family and Community Services	Career Preparation
OTHER ELECTIVES	BIM	2 Electives	3 Electives	3 Electives

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FOR ALL ENDORSEMENTS – ALGEBRA II MUST BE TAKEN IF GRADUATING WITH THE DISTINGUISHED LEVEL OF ACHIEVEMENT

INTRODUCTORY ENDORSEMENT ELECTIVE COURSE DESCRIPTIONS:

Principles of Agriculture, Food, and Natural Resources

To be prepared for careers in agriculture, food, natural resources, students must attain academic skill and knowledge in agriculture. This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce experience, apply, and transfer their knowledge and skills in a variety of settings.

Principles of Arts, Audio/Video Technology, and Communications

Career in the Arts, Audio/Video, Technology, and Communications career cluster require, in addition to creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, student will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Principles of Human Services

This laboratory course will enable students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

TESTING

STATE OF TEXAS ASSESSMENTS OF ACADEMIC READINESS (STAAR)

STAAR end-of-course exams are state mandated tests given during the final weeks of a course. In addition to meeting graduation course requirements, students are required to pass five end-of-course (EOC) exams to earn a diploma from a Texas public high school: English I, English II, Biology I, Algebra I, and U.S. History.

PRACTICE COLLEGE ENTRANCE EXAM (PSAT) AND NATIONAL MERIT SCHOLARSHIP QUALIFYING TEST (NMSQT)

PSAT - 10th and 11th Grade; NMSQT - only 11th grade PSAT scores used to qualify for National Merit scholarships

ACT/SAT

The American College Test and Battery (ACT) or the Scholastic Achievement Test (SAT) is required by most colleges. It is recommended that students take the ACT and/or SAT during the spring of their junior year or the fall of their senior year. Students should consult college bulletins to determine required or recommended tests and test deadlines.

ACT: www.act.org

SAT: www.collegeboard.org

TSI ASSESSMENT: The TSI Assessment is a program designed to help your college determine if you are ready for college-level coursework 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 qualify for an exemption, 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.

ARMED SERVICES VOCATIONAL APTITUDE BATTERY (ASVAB)

As an aptitude test, the ASVAB measures strengths, weaknesses, and potential for future success. The ASVAB also provides career information for various civilian and military occupations and is an indicator for success in future endeavors whether you choose to go to college, vocational school, or a military career. Military recruiters administer this exam.

GRADES AND GRADING SYSTEM

GRADE POINT AVERAGE (GPA) FOR CLASS RANKING

Class ranking for senior students will be calculated by averaging semester grade points earned in grades 9 -12. High school credit courses taken prior to entering 9th grade will be included in the computation of a student's GPA. For the purpose of determining honors to be conferred during graduation activities, the District will calculate class rank at the end of the grading period that immediately precedes the final grading period of the senior year (5th six weeks). For senior ranking, spring semester dual credit course grades will not be used in ranking calculation for graduation. Official Senior Transcripts, at the conclusion of the school year, will reflect a re-calculation of GPA and possible ranking with all Spring Semester courses at the end of May after all final grades are submitted.

GRADE SCALE

The new 6.0 GPA scale will take effect at the beginning of the 2022-23 school year. All classes previously completed at the end of the 2021-22 school year will be locked at the previous Hardin ISD 5.0 GPA policy. Previous GPA weights are not retroactive and will not be adjusted based on the new scale.

All Hardin High School students' (9-12 and junior high students taking high school credit) beginning with the fall of 2022-23 school year will be weighted on the new Hardin ISD 6.0 GPA scale.

GRADE POINTS CHART – BY SEMESTER

Number Grade	Level Courses	Honors Courses	Dual Credit	Number Grade	Level Courses	Honors Courses	Dual Credit
100	4.0	5.0	6.0	84	2.4	3.4	4.4
99	3.9	4.9	5.9	83	2.3	3.3	4.3
98	3.8	4.8	5.8	82	2.2	3.2	4.2
97	3.7	4.7	5.7	81	2.1	3.1	4.1
96	3.6	4.6	5.6	80	2.0	3.0	4.0
95	3.5	4.5	5.5	79	1.9	2.9	3.9
94	3.4	4.4	5.4	78	1.8	2.8	3.8
93	3.3	4.3	5.3	77	1.7	2.7	3.7
92	3.2	4.2	5.2	76	1.6	2.6	3.6
91	3.1	4.1	5.1	75	1.5	2.5	3.5
90	3.0	4.0	5.0	74	1.4	2.4	3.4
89	2.9	3.9	4.9	73	1.3	2.3	3.3
88	2.8	3.8	4.8	72	1.2	2.2	3.2
87	2.7	3.7	4.7	71	1.1	2.1	3.1
86	2.6	3.6	4.6	70	1.00	2.0	3.0
85	2.5	3.5	4.5	Below 70	0	0	0

GRADING SCALE – Courses from Lee College will have the following grading scale conversion to Hardin High School:

Lee College		Hardin High School	
A	90-100	A	90-100
B	80-89	B	80-89
C	70-79	C	70-79
D	60-69	D	70
F	59-below	F	69-below

TRANSFERRED GRADES – Courses transferred from other districts are considered Level, unless otherwise documented. Transferred letter grades are converted to numerical grades for calculation. When a numerical value cannot be determined, the following scale will be used:

A	B	C	D	F
95	85	75	70	60

Grades transferred in with a letter of P for Passing will be put on the transcript as a P with no numerical grade.

RANK IN CLASS: Students graduating in the top 10% of their class are eligible for automatic admission to any public university in Texas under House Bill 588.

*New graduation plans also state that students must complete 4 sciences and 4 maths, one of which must be Algebra II to qualify for automatic admission.

DUAL CREDIT

Texas Success Initiative (TSI)

The state of Texas requires all students to demonstrate college level readiness in reading, math, and writing before taking dual credit courses. Students may be exempt from this test with specified scores on ACT, SAT, or STAAR EOC Algebra I and English II Exams.

Texas Success Initiative (TSI) Requirements for Dual Credit

EXAM TYPE	Minimum Scores for Reading and Writing-Based Classes Example: English/History/Government	Minimum Scores for Reading, Writing, & Math-Based Classes Example: Economics/College Algebra
ACT	English 19 Composite 23	English 19 Math 19 Composite 23
ACT-PLAN	English 19 Composite 23	English 19 Math 19 Composite 23
SAT <i>Prior to March 2016</i>	Critical Reading 500 Total (Critical Reading + Math) 1070	Critical Reading 500 Math 500 Total (Critical Reading + Math) 1070
SAT <i>After March 2016</i>	Evidenced-Based Reading and Writing (EBRW) 480 <i>There is <u>NO</u> combined score.</i>	Evidenced-Based Reading and Writing (EBRW) 480 and Math 530 <i>There is <u>NO</u> combined score.</i>
STAAR EOC Exams*	English II 4000	English II 4000 Algebra I EOC 4000 and C or better in Algebra II
TSI Assessment	Scores are based upon the course you are registering. See high school counselor or Dual Credit Advisor.	Scores are based upon the course you are registering. See high school counselor or Dual Credit Advisor.

*Only used for Dual Enrollment purposes.

HARDIN ISD



PRINTED STUDENT NAME: _____

Drop Date:

Withdrawal Date:

I agree to

- I understand this is a dual credit college course with college level expectations.
- I understand that my enrollment in this course requires me to have regular access to reliable internet and computer access.
- I agree to meet deadlines, manage my time effectively, and follow the college course schedule and/or syllabus provided by the professor.
- I recognize that the course grade I earn will be a part of my permanent college and high school transcript. Failure to maintain a 2.0 GPA, in each course, can lead to Academic Probation and/or Academic Suspension from Lee College and the Dual Credit Program. Lee College may accept 60-69% to award college credit, Hardin High School will award high school credit with a grade of a 70 to the transcript for any grade reported from Lee between 60-69%.
- I understand that failure, below a 70%, in a continuing course (i.e. English 1301/1302, History 1301/1302, etc.) will require me to be moved to an on-level course at Hardin High School, and I will be required to complete that semester in summer school or credit recovery (if approval is given).
- I understand that it is my responsibility to communicate with my professor if I will be absent on days, he or she is providing direct instruction on campus. Professors are not obligated to extend deadlines or accept late work.
- I understand it is my responsibility to drop or withdraw courses prior to the stated deadlines. I must meet with my counselor for a schedule change. Failure to do so will reflect on my transcript as having failed the course. In addition, this can directly impact my GPA and future Financial Aid accessibility.
- I understand that it is my responsibility to verify the transferability of the Lee College credits I earn to whatever institution I plan to attend.
- I understand that it is my responsibility to request transcripts through Lee College and pay any fees associated with a transcript request.
- I will follow the terms of the Lee College Student Code of Conduct.

- I understand that if I violate the terms of the Lee College Student Code of Conduct, I am subject to discipline by Lee College and the violations will be reported to my high school.
- I understand that any discipline issue that requires placement at DAEP will require me to withdraw from the college course(s) due to the inability to attend class while the professor is present.
- I understand that it is my responsibility to meet all Dual Credit application, registration, and payment deadlines set forth by HHS and Lee College. Failure to meet these deadlines will result in removal of scheduled placement in any Dual Credit course(s).
- I understand that it is my responsibility to meet the TSI requirement or one of the waiver or exemptions in order to be eligible to take a Dual Credit course.
- If I choose to drop or withdraw from a Dual Credit Course, I will be required to pay for the course for a second attempt, as Hardin ISD will not pay for a student to repeat a course.
- If I withdraw from two or more dual credit courses, I will no longer be eligible to take dual credit courses.

By signing the document below, I acknowledge that I have read, understood, and agree to the policies set forth in the Hardin High School Dual Credit Student Contract. Refusal to agree to any of these policies will result in removal of scheduled placement in any Dual Credit course.

Student Name Printed: _____

Student Signature: _____ **Date:** _____

Parent/Guardian Signature: _____ **Date:** _____

Note to Parents/Guardians:

While FERPA gives parents/guardians certain rights with respect to their children’s educational records, these rights transfer to the student when they reach the age of 18 or begin attendance at Lee College, either on site, through distance learning, or in high school as a dual enrollment student (regardless of age). Parents can obtain directory information only at the discretion of the institution. Parents can also obtain non-directory information only with the written consent of the student.

Lee College Dual Credit (DC) Course Options at Hardin High School

Lee College Course Number	Lee College Course Title	Hardin High School Course	Hardin High School Credit
ARTS 1301	Art Appreciation	Art Appreciation	0.5
ARTS 1303 or 1304	Art History	TBD	0.5
BIOL 1406 and 1407	General Biology I and II	Scientific Research and Design I	1.0
ENGL 1301 and 1302	English Composition I and II	English III	1.0
ENGL 2322 and 2323	English Literature	English IV	1.0
GOVT 2305	Federal Government	United States Government	0.5
GOVT 2306	Texas Government	Social Studies Advanced Studies Elective	0.5
HIST 1301 and 1302	U.S. History to 1877 and Since 1877	United States History Studies Since 1877	1.0
KINE 1301	Foundations in Kinesiology	Advanced Health Education Elective	0.5
MATH 1314	College Algebra	Independent Study in Mathematics I	1.0
MATH 1324	Finite Mathematics	Independent Study in Mathematics II	1.0
MATH 1332	Contemporary Math	Independent Study in Mathematics I	1.0
MATH 1342	Elementary Statistics	Independent Study in Mathematics II	1.0
PSYC 2301	Introduction to Psychology	Psychology	0.5
SOCI 1301	Introductory Sociology	Sociology	0.5
SPCH 1315	Principles of Public Speaking	Public Speaking I	0.5

Lee College Dual Credit Technical Program Options at Hardin High School

Lee College Course Number	Lee College Course Title	Hardin High School Course	HHS Credit
CSME 1254	Artistry of Hair Design I	Cosmetology I	0.5
CSME 1410	Introduction to Haircutting and Related Theory	Cosmetology I	0.5
CSME 1453	Chemical Reformation and Related Theory	Cosmetology I	0.5
CSME 1505	Fundamentals of Cosmetology	Cosmetology I	0.5
CSME 1255	Artistry of Hair Design II	Cosmetology II	0.5
CSME 2401	The Principles of Hair Coloring and Related Theory	Cosmetology II	0.5
CSME 2410	Advanced Haircutting and Related Theory	Cosmetology II	0.5
CSME 2441	Preparation for the State Licensing Examination	Cosmetology II	0.5
DFTG 1405 and 1409	Technical Drafting and Basic Computer-Aided Drafting	Engineering Design and Presentation I	1.0
DFTG 2407	Electrical Drafting	TBD	
DFTG 2408	Instrumentation Drafting	TBD	
DFTG 2417	Descriptive Geometry	Architectural Design	0.5
DFTG 2419	Intermediate Computer-Aided Drafting	Architectural Design	0.5
DFTG 2423	Pipe Drafting	TBD	
DFTG 2432	Advanced Computer-Aided Drafting	TBD	
ELPT 1315	Electrical Calculations I	TBD	
ELPT 1321	Introduction to Electrical Safety and Tools	TBD	
ELPT 1325	National Electrical Code 1	Electrical Technology	1.0-2.0
ELPT 1445	Commercial Wiring	TBD	
ELPT 1451	Electrical Machines	TBD	
ELPT 1457	Industrial Wiring	TBD	

ELPT 2315	Electrical Calculations II	TBD	
ELPT 2325	National Electrical Code II	TBD	1.0
PTAC 1302	Introduction to Process Technology	Manufacturing Engineering	0.5
PTAC 1308	Safety, Health, and Environment I	Manufacturing Engineering	0.5
PTAC 1332	Process Instrumentation I	Manufacturing Engineering	0.5
PTAC 1410	Process Technology I: Equipment	Manufacturing Engineering	0.5
PTAC 2314	Principles of Quality	TBD	
PTAC 2420	Process Technology II: Systems	TBD	
PTAC 2438	Process Technology III: Operations	TBD	
SCIT 1418	Applied Physics	TBD	
TECM 1341	Technical Algebra	Independent Study in Mathematics I	1.0
TECM 1349	Technical Math Applications	Independent Study in Mathematics I	1.0
WLDG 1428	Introduction to Shielded Metal Arc Welding (SMAW)	Introduction to Welding	0.5
WLDG 2443	Advanced Shielded Metal Arc Welding (SMAW)	Introduction to Welding	0.5

Additional Technology Courses in Cyber Security and Logistics will be added as they are determined by Lee College starting in the Fall of 2023.

LEE COLLEGE

Dual Credit Options Sample Plan

At Hardin High School

Sophomore Core Complete Courses

(All courses at Lee College Education Center - South Liberty County)

Semester	Semester
ARTS 1303 or 1304-Art History	KINE 1304-The Healthy American
SOCI 1301/PSYC 2301-Introduction to Sociology/Introduction to Psychology	SPCH 1315-Principles of Public Speaking

Junior Core Complete Courses

(Courses below are at Lee College Education Center - South Liberty County)

Fall Semester	Spring Semester
ENGL 1301-English Composition I	ENGL 1302-English Composition II
HIST 1301-History of the US to 1877	HIST 1302-History of the US since 1877
ARTS 1301-Art Appreciation	KINE 1304-The Healthy American
SOCI 1301/PSYC 2301-Introduction to Sociology/Introduction to Psychology	SPCH 1315-Principles of Public Speaking

Senior Dual Credit Courses

(Courses below are at Lee College Education Center - South Liberty County)

Fall Semester	Spring Semester
ENGL 2322-English Literature: Beowulf to Romantic	ENGL 2323-English Literature: Romantic to Present
GOVT 2305-Federal Government	GOVT 2306-Texas Government
BIOL 1406-General Biology I	BIOL 1407-General Biology II
DC Math	

(ENGL 2322 & ENGL 2323 have a prerequisite of ENGL 1301 & 1302)

Technical Program Options (for Juniors & Seniors):

Cosmetology

Process Technology

Electrical

Cybersecurity (coming Fall 2023)

Logistics (coming Fall 2023)

TSI Testing Scores to qualify for Dual Credit:

All Academic Courses (excluding MATH & BIOL)

Reading- 351

Writing- 340 & 4 on essay

MATH & BIOL Courses

Reading- 351

Writing - 340 & 4 on essay Math -350

Process Technology Courses

Reading- 347

Writing - 340 & 4 on essay Math-336

*No testing is required for Cosmetology or Electrical Certificate courses

*TSI exemptions below apply for **Juniors & Seniors only**

ENGL 2/Level 2 STAAR EOC- 4000 or higher

ALG I STAAR EOC & ALG 2 Grade -4000 or higher & C or better

ENGLISH/LANGUAGE ARTS

Level Courses	GPs	Credits	Semester	Grade
English I	4	1	2	9
English II	4	1	2	10
English III	4	1	2	11
English IV or College Prep English	4	1	2	12
English I Honors	5	1	2	9
English II Honors	5	1	2	10
Students must meet or master grade level on the English/Reading EOC/STAAR exam as a prerequisite to honors English.				
English III (ENGL 1301/1302)	6	1	2	11
English IV (ENGL 2322/2323)	6	1	2	12
Principles of Public Speaking (SPCH 1315)	6	.5	1	10-12

ENGLISH/LANGUAGE ARTS

English I

1 Credit

Grade 9

The course involves instruction in writing, grammar skills and literature. Students enrolled in this course will continue to increase and refine their communication skills through reading, writing, and speaking activities. Students will read multiple genres from world literature as well as plan, draft, revise, and complete various types of written composition.

English I Honors

1 Credit

Grade 9

The course is designed for the highly motivated, college-bound student. This course 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, as well as summer reading. **Students must meet or master grade level on the English/Reading EOC/STAAR exam as a prerequisite to honors English.**

English II

1 Credit

Grade 10

The course involves instruction in writing, grammar skills, and literature. The student will be asked to read for analysis, which develops and understanding of the elements of literature. Close reading skills will be developed through repeated practice. Student-generated writing will primarily be centered on basic narrative essays and character description. The research process will be completed, culminating with oral presentations. The study of vocabulary words will help prepare students for the SAT/ACT.

English II Honors

1 Credit

Grade 10

The course is designed to prepare students for college. This survey course extends and elaborates the foundation skills provided in Pre-AP English 1. Ability to problem-solve and higher-level reasoning skills are required for this course. The study of vocabulary words will help prepare students for the SAT/ACT. Students are expected to be advanced in reading, writing, and grammar skills. This fast-paced course will require reading and writing outside the classroom, as well as summer reading. **Students must meet or master grade level on the English/Reading EOC/STAAR exam as a prerequisite to honors English.**

English III

1 Credit

Grade 11

The course involves instruction in writing, grammar, and literature. This course is designed to prepare students for college through the study of American literature. Students will practice many forms of writing, including reflective essays, journal writing, literary projects, and a research paper. The study of vocabulary words will help prepare students for the SAT/ACT. Independent reading is required.

English IV

1 Credit

Grade 12

The course is a survey course of British literature and other world literature with a focus on preparing students for college. Although much of the literature studied will be read in class, some reading outside of class is required. Students will practice extensive writing in a variety of forms including a research project. SAT preparation is taught through weekly vocabulary tests and proper grammar is stressed not only through grammar studies, but also in the student's writings.

ENGLISH III DUAL CREDIT (ENG 1301/1302) 1 Credit

Lee College

Grade 11

Prerequisites: Met TSI requirement and completed enrollment with Lee College

NOTE: Upon successful completion of the course (1301/1302), students will receive high school English III weighted credit. Students must make at least a 70 in both semesters to receive high school credit.

ENGL 1301 - Intensive study of and practice in writing processes from invention and researching to drafting, revising, and editing, both individually and collaboratively with an emphasis on rhetorical choices, including audience, purpose, arrangement, and style. The focus will be on writing the academic essay as a vehicle for learning, communicating, and critical analysis.

ENGL 1302 - Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts with an 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.

ENGLISH IV DUAL CREDIT (ENGL 2322/2323) 1 Credit

Lee College

Grade 12

Prerequisites: ENGL 1301/1302 with a C or better

NOTE: Upon successful completion of the course (2322/2323), students will receive high school English IV weighted credit. Students must make at least a 70 in both semesters to receive high school credit.

ENGL 2322 - English Literature: Beowulf to Romantic 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. This course is reading intensive.

ENGL 2323- English Literature: Romantic to Present A direct study of significant masterpieces of English literature from the Romantic Period to the present with particular attention to the main currents of thought and the major writers of Britain. This course is reading intensive.

COLLEGE PREP ENGLISH 1 Credit

Grade 12

Prerequisites: Passed English 1 and 2 EOC with a grade of C or better in English 1, 2 and 3 Courses

Students will learn to investigate academic texts, construct supported interpretations and arguments for an authentic audience, and acquire academic habits of thought. Reading instruction will focus on developing critical reading skills for comprehension, interpretation, and analysis. In writing, students will develop skills through composing with specific purpose, situation, genre, and audience in mind. Students will write a variety of effective formal and informal texts. To learn to integrate reading and writing, students will use an inquiry approach to analyze, synthesize, and make value judgments regarding text and writing. This course is designed to prepare students for college-level reading and writing intensive courses. Successful completion of this course, as defined by the memorandum of understanding (MOU) with the partnering institution(s), grants the student an exemption to TSI requirements for reading and writing at the partnering institution(s).

ENGLISH IV 1 Credit

Grade 12

This course is designed for the enrichment of reading, writing, and oral communication skills. Selections from the Anglo-Saxon, Medieval, Renaissance, and Age of Reason periods will be studied during the first semester. Second semester will include selections from the Age of Reason, Romantic, Victorian, and Modern Periods. A research paper is required during the first semester and is required for graduation. Selected novels will also be studied. SAT/Advanced vocabulary study and advanced grammar such as sentence construction will be emphasized. Composition instruction in this course will emphasize informative and literary writing.

PRINCIPALS OF PUBLIC SPEAKING (SPCH 1315) .5 Credit Lee College

Grades 10-12

Prerequisites: Met TSI requirement and completed enrollment with Lee College

This course includes preparation and delivery of various types of speeches with emphasis upon such fundamental principles as self-confidence, poise, directness, posture, stress, voice, and articulation. Speech types considered include announcements, informative, persuasive, after dinner, and radio speeches.

MATHEMATICS

Level Courses	GPs	Credits	Semester	Grade
Algebra I	4	1	2	9
Algebra II	4	1	2	11
Geometry	4	1	2	10
Pre-Calculus	4	1	2	11-12
College Prep Math	4	1	2	12
Algebra I Honors	5	1	2	9
Algebra II Honors	5	1	2	11
Geometry Honors	5	1	2	10
Students must meet or master grade level on the math/algebra I EOC/STAAR exam as a prerequisite to honors algebra I/II or geometry.				
College Algebra (MATH 1314)	6	1.0	1	11/12
Finite Mathematics (MATH 1324)	6	1.0	1	11/12
Contemporary Mathematics (MATH 1332)	6	1.0	1	11/12
Elementary Statistics (MATH 1342)	6	1.0	1	11/12

MATHEMATICS

Algebra I

1 Credit

Grade 9

Some of the topics discussed in this course are integers, order of operations, properties of numbers, graphing, factoring polynomials and word problems. Algebra I will enable the student to have an understanding of all basic principles needed to succeed in higher level math. The next math should be Geometry or Geometry Honors.

Algebra I Honors

1 Credit

Grade 9

This course is designed for the highly motivated math student and students with a strong background in 8th grade math. The course includes the same topics covered in Algebra I but is a more in-depth approach at a much faster pace. **Students must meet or master grade level on the math/algebra I EOC/STAAR exam as a prerequisite to honors algebra I/II or geometry.**

Geometry

1 Credit

Grade 10

Emphasis is placed on basic geometry skills such as logical arguments, lines, segments, angles, triangles and other polygons, circles, solid geometry, measurement, informal and formal proofs.

Geometry Honors

1 Credit

Grade 10

This is an advanced math course for highly motivated and strong math students. The course includes the same topics covered in Geometry but in a more in-depth approach at a much faster pace.

Algebra II

1 Credit

Grade 11

Topics included in this course are inequalities, linear equations and functions, polynomials, rational expressions, irrational and complex numbers, quadratic equations, coordinate geometry, exponential and logarithmic functions, matrices and determinants. **Students must meet or master grade level on the math/algebra I EOC/STAAR exam as a prerequisite to honors algebra I/II or geometry.**

Algebra II Honors

1 Credit

Grade 11

This is an advanced math course for highly motivated and strong math students. The course includes the same topics covered in Geometry but in a more in-depth approach at a much faster pace. **Students must meet or master grade level on the math/algebra I EOC/STAAR exam as a prerequisite to honors algebra I/II or geometry.**

Pre-Calculus

1 Credit

Grades:11-12

Students will use symbolic reasoning and analytical methods to represent mathematical situations, to express generalizations, and to study mathematical concepts and the relationships among them. These mathematical concepts will include functions, their graphs and applications; trigonometry; and selected discrete mathematical topics.

College Prep Math**1 Credit****Grade 12**

This course addresses a variety of mathematical topics needed to prepare students' success in college-level mathematics. Students will connect and use multiple strands of mathematics in situations and problems as well as in the study of other disciplines.

Calculus**1 Credit****Grade 12**

Students should have demonstrated mastery of materials from courses that are the equivalent of four years of high school mathematics before taking Calculus. The course emphasizes a multi-representational approach to calculus, results, and problems being expressed graphically, numerically, analytically, and verbally.

COLLEGE ALGEBRA DUAL CREDIT (MATH 1314) 1.0 Credit Lee College Grade 11

Prerequisites: Met TSI requirement and completed enrollment with Lee College

In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included.

FINITE MATHEMATICS DUAL CREDIT (MATH 1324) 1.0 Credit Lee College Grade 11/12

Prerequisites: Met TSI requirement and completed enrollment with Lee College

This course includes such topics as sets, functions, linear and quadratic inequalities, linear programming, the simplex method, matrix algebra, counting techniques, probability, and decision making. A computer component may be included.

CONTEMPORARY MATH DUAL CREDIT (MATH 1332) 1.0 Credit Lee College Grade 11/12

Prerequisites: Met TSI requirement and completed enrollment with Lee College

This course assists students in becoming familiar with certain mathematical topics: sets, logic, different numeration systems, number theory, the real numbers and their properties, mathematical systems, equations, inequalities, graphs, and function.

ELEMENTARY STATISTICS DUAL CREDIT (MATH 1342) 1.0 Credit Lee College Grade 11/12

Prerequisites: Met TSI requirement and completed enrollment with Lee College

Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing.

SCIENCE

Level Courses	GPs	Credits	Semester	Grade
Biology	4	1	2	9
Integrated Physics and Chemistry (IPC)	4	1	2	10
Chemistry	4	1	2	10-11
Physics	4	1	2	11
Anatomy and Physiology of Human Systems	4	1	2	12
Environmental Science	4	1	2	11-12
Forensic Science	4	1	2	11-12
Advanced Animal Science	4	1	2	12
Biology Honors	5	1	2	9
Chemistry Honors	5	1	2	10-11
Physics Honors	5	1	2	11
Anatomy and Physiology Honors	5	1	2	12
Students must meet or master grade level on the science/biology EOC/STAAR exam as a prerequisite to honors science courses.				
General Biology I (BIOL 1406)	6	.5	1	11
General Biology II (BIOL 1407)	6	.5	1	12

SCIENCE

Biology

1 Credit

Grades: 9/10

This course is a general survey class for the main biological concepts. Students will study the origin, structure, reproduction growth and development of living organisms. Areas of study include the nature of life, ecology, cells, genetics, evolution, microorganisms, fungi, plants, invertebrates, chordates, and the human body. Basic scientific skills of observation, measurement, classification, prediction, and documentation skills will be emphasized. Dissections are a part of the curriculum.

Biology Honors

1 Credit

Grades: 9/10

This course includes all elements of the course but instruction is at a faster pace which allows study of topics in greater depth. Problem solving, reasoning skills and analysis questions will be included on each unit of study. Emphasis is placed on laboratory investigations. Dissections are a part of the curriculum. Out of class reading and projects are required. **Students must meet or master grade level on the science/biology EOC/STAAR exam as a prerequisite to honors science courses.**

Integrated Physics and Chemistry (IPC)

1 Credit

Grades: 9/10

This course is a general overview course of physics and chemistry. It is designed to give 9th grade students a head start on the subject areas and objectives that they will encounter in grades 11 and 12.

Chemistry

1 Credit

Grades:10-11

This course will include the introductory principles of chemistry such as atoms, elements, reactions, states of matter, use of chemical compounds, and gas laws. Basic scientific skills of observation, measurement, prediction, and the scientific method will be emphasized.

Chemistry Honors

1 Credit

Grades: 10

This course will include the introductory principles of chemistry such as atoms, elements, reactions, states of matter, use of chemical compounds, and gas laws. Basic scientific skills of observation, measurement, prediction, and the scientific method will be emphasized. Instruction is at a faster pace which permits investigation of topics at a greater depth. Recommended for students who are strong in math and science and who are planning a college major in medicine, science or a related field. **Students must meet or master grade level on the science/biology EOC/STAAR exam as a prerequisite to honors science courses.**

Physics

1 Credit

Grades: 11

Students will learn the fundamental rules that govern the physical universe. The topics included are: motion, forces, conservation laws, waves, sound, light, optics, electricity, magnetism, and atomic theory. Basic scientific skills of observation, measurements, prediction, and the scientific method will be emphasized. Mathematical applications are emphasized.

Physics Honors

1 Credit

Grades: 11

This course offers students extensive inquiry experiences in which the major concepts involving the physical interactions of matter are developed through projects and classroom discussion. Topics include

those covered in the regular Physics course. Mathematical applications are emphasized. **Students must meet or master grade level on the science/biology EOC/STAAR exam as a prerequisite to honors science courses.**

Anatomy and Physiology of Human Systems

1 Credit

Grades: 12

Students will investigate the body's response to forces, maintenance of homeostasis, electrical interactions, transport systems and energy processes. Students will conduct laboratory investigations and fieldwork, use the scientific method during investigations, and make informed decisions using critical thinking and problem solving.

Environmental Science

1 Credit

Grades:11- 12

This course is offered as an alternative fourth science. It is a project-based course in which the students will study their local environment through various research activities. It will cover a broad range of skills, including fieldwork, laboratory research, and website design.

Forensic Science

1 Credit

Grades 11-12

Prerequisites: Biology and Chemistry

Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Student will learn the history, legal aspects, and career options for forensic science.

Advanced Animal Science

1 Credit

Grades: 12

Students **MUST** have taken IPC and Chemistry; Algebra 1 and Geometry; and Livestock Production, Small Animal, or Equine Science.

Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings

GENERAL BIOLOGY I DUAL CREDIT (BIOL 1406) .5 Credit Lee College Grades: 11

Prerequisites: Met TSI requirement and completed enrollment with Lee College

Fundamental principles of living organisms will be studied, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Concepts of cytology, reproduction, genetics, and scientific reasoning are included. Laboratory activities will reinforce the fundamental principles of living organisms, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Study and examination of the concepts of cytology, reproduction, genetics, and scientific reasoning are included.

GENERAL BIOLOGY II DUAL CREDIT (BIOL 1407) .5 Credit Lee College Grades: 11

Prerequisites: Met TSI requirement and completed enrollment with Lee College

The diversity and classification of life will be studied, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology, and evolution of plants and animals. Laboratory activities will reinforce study of the diversity and classification of life, including animals, plants, protists, fungi, and prokaryotes.

SOCIAL STUDIES

Level Courses	GPs	Credits	Semester	Grade
World History	4	1	2	9
World Geography	4	1	2	10-12
United States History Since Reconstruction	4	1	2	11
Government	4	.5	1	12
Economics – Free Enterprise	4	.5	1	12
Personal Financial Literacy & Economics	4	.5	1	12
World History Honors	5	1	2	9
Economics Honors	5	.5	1	12
Students must meet or master grade level on the social studies EOC/STAAR exam as a prerequisite to honors social studies courses.				
United States History (HIST 1301/1302)	6	1	2	11
Federal Government (GOVT 2305)	6	.5	1	12
Texas Government (GOVT 2306)	6	.5	1	12
Introduction to Sociology (SOC 1301)	6	.5	1	11-12
Introduction to Psychology (PSYC 2301)	6	.5	1	11-12

SOCIAL STUDIES

World History

1 Credit

Grades: 9

Students will be introduced to various life and cultural patterns that reflect the diversity and commonality of human experiences. Content includes the development of early civilizations, western civilization, and other world regions from their early days to present.

World History Honors

1 Credit

Grades: 9

The course provides highly motivated students the opportunity to compare and analyze various ways of life and cultural patterns that reflect the diversity and commonality of human experiences. Content includes the development of early civilizations, western civilization, and other world regions from their early days to present. **Students must meet or master grade level on the social studies EOC/STAAR exam as a prerequisite to honors social studies courses.**

World Geography

1 Credit

Grades: 10-12

In World Geography Studies, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues.

United States History Since Reconstruction

1 Credit

Grade: 11

This course is the second part of a two-year study of American History that begins in grade 8. Students study the history of the United States from Reconstruction to the present. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies of the Cold War and post-Cold War eras, and reform movements, including civil rights.

Government

1 Credit

Grades: 12

This course focuses on the principles and beliefs upon which the United States was founded and, on the structure, functions, and powers of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created.

Economics – Free Enterprise

1 Credit

Grades: 12

Economics involves the study of the different economic systems, with an emphasis on the free enterprise system. The course will include the study of monetary and fiscal policy in respect to how each affects our economy. Study of the stock market and investment strategies will also be part of the course.

Personal Financial Literacy & Economics

1 Credit

Grades: 12

The Personal Financial Literacy and Economics Course emphasizes the economic way of thinking, which serves as a framework for the personal financial decision-making opportunities introduced in the course.

United States History – Dual Credit (HIST 1301/1302) 1 Credit Lee College **Grades: 11**

Prerequisites: Met TSI requirement and complete enrollment with Lee College

NOTE: Upon successful completion of the course (1301/1302), students will receive weighted high school United States History credit. Students must make at least a 70 in both semesters to receive high school credit. The first semester of this course is a survey of U.S. History from Pre-Contact Societies through Reconstruction. Themes to be developed include: westward expansion and globalization, slavery, Native Americans, and religious and social changes. In addition, the political, economic, social, and intellectual history of the United States from the discovery of America to 1877. The second semester of the course surveys U.S. History from 1877 to the present.

Federal Government – Dual Credit (GOVT 2305) .5 Credit Lee College **Grades: 12**

Prerequisites: Met TSI requirement and completed enrollment with Lee College

NOTE: Upon successful completion of the course (2305), students will receive weighted high school United States Government and Politics credit. Students must make at least a 70 to receive high school credit. 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.

Texas Government – Dual Credit (GOVT 2306) .5 Credit Lee College **Grades: 12**

Prerequisites: Met TSI requirement and completed enrollment with Lee College

Note: Upon successful completion of the course, students will receive high school Social Studies Elective credit. Students must make at least a 70 to receive high school credit. 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.

Introductory Sociology-Dual Credit (SOC 1301) .5 Credit Lee College **Grades: 11-12**

Prerequisites: Met TSI requirement and completed enrollment with Lee College

This course will introduce the students to the principles of social organization. Topics include the study of personality, social groups, culture, social class and caste systems, population, rural and urban communities, and social changes, as well as social institutions such as the family, recreation, and religion.

Introduction to Psychology-Dual Credit (PSYC 2301) .5 Credit Lee College **Grades: 11-12**

Prerequisites: Met TSI requirement and completed enrollment with Lee College

A survey of the fields of general psychology; the biological and psychological basis of human behavior, intelligence, motivation, emotion, learning, personality, memory, and psychopathology.

HEALTH AND PHYSICAL EDUCATION

Level Courses	GPs	Credits	Semester	Grade
PE I	4	1	2	9-12
PE II	4	1	2	10-12
PE III	4	1	2	11-12
PE IV	4	1	2	12
Boys Athletics I	4	1	2	9-12
Boys Athletics II	4	1	2	10-12
Boys Athletics III	4	1	2	11-12
Boys Athletics IV	4	1	2	12
Girls Athletics I	4	1	2	9-12
Girls Athletics II	4	1	2	10-12
Girls Athletics III	4	1	2	11-12
Girls Athletics IV	4	1	2	12
Personal/Community Health (KINE 1304)	6	.5	1	11-12

HEALTH AND PHYSICAL EDUCATION

CREDIT(S): 0.5 – 4.0

GRADES: 9 - 12

PREREQUISITE: *Instructor approval*

Hardin High School is a member of the University Interscholastic League. Students participate under the rules of the U.I.L. in all sports.

GIRLS

VolleyballFall
Cross CountryFall
BasketballFall, Spring
Track and FieldSpring
SoftballSpring
GolfSpring
Weightlifting Spring

BOYS

Football..... Fall
Cross Country.....Fall
Basketball..... Fall/ Spring
Track and Field..... Spring
Baseball..... Spring
Golf Spring
Weightlifting Spring

GIRLS/BOYS PHYSICAL EDUCATION (FOUNDATIONS)

CREDIT: 0.5 - 1.0

GRADES: 9 - 12

The main emphasis of the program is on physical fitness and sportsmanship. The boys learn the fundamentals of several team sports including flag football, basketball, and softball. The girls learn the fundamentals of several sports including volleyball, basketball, softball, and aerobics. Participation and attitude are the important factors in determining a student's success or failure in the physical education program.

PERSONAL/COMMUNITY HEALTH-DUAL CREDIT (KINE 1304)

GRADES 11-12

CREDIT: .5

Lee College

Prerequisites: Met TSI requirement and completed enrollment with Lee College

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.

FOREIGN LANGUAGE

Level Courses	GPs	Credit	Semester	Grade
Spanish I	4	1	2	9-11
Spanish II	4	1	2	10-12
Spanish III	4	1	2	11-12

FOREIGN LANGUAGE

Spanish I

1 Credit

Grades: 9-11

The goal of Spanish 1 is to attain proficiency in the Spanish language using all four basic skills: listening, speaking, reading, and writing and an awareness and understanding of the culture and traditions of the Spanish-speaking world. Basic grammar and vocabulary are used.

Spanish II

1 Credit

Grades: 10-12

The goal of Spanish 2 is to build and expand on that learned in Spanish I. The four basic skills; listening, speaking, reading, and writing are refined and grammar and vocabulary are taught in more complexity. The culture and traditions of the Spanish-speaking world are continued.

Spanish III

1 Credit

Grades: 11-12

The goal of Spanish 3 is to expand on that learned in Spanish 1 and Spanish 2. The four basic skills; listening, speaking, reading, and writing are refined and grammar and vocabulary are taught in greater detail. Students continue to learn culture of the Spanish-speaking world. Literature will also be read and discussed at this level.

FINE ARTS

Level Courses	GPs	Credits	Semester	Grade
Art I	4	1	2	9-12
Art II	4	1	2	10-12
Art III	4	1	2	11-12
Art IV	4	1	2	12
Band I	4	1	2	9-12
Band II	4	1	2	10-12
Band III	4	1	2	11-12
Band IV	4	1	2	12
Theatre Production I	4	1	2	9-12
Theatre Production II	4	1	2	10-12
Theatre Production III	4	1	2	11-12
Theatre Production IV	4	1	2	12
Floral Design	4	1	2	10-12
Dual Credit				
	GPs	Credits	Semester	Grade
Art Appreciation (ARTS 1301)	6	.5	1	10.12
Art History (ARTS 1303 or 1304)	6	.5	1	10-12

opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge/skills/technologies in a variety of settings.

***See CTE Agriculture Cluster**

ART APPRECIATION-DUAL CREDIT (ARTS 1301) .5 Credit Lee College Grades: 11-12

Prerequisites: Met TSI requirement and completed enrollment with Lee College

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.

CAREER AND TECHNOLOGY EDUCATION (CTE)

Arts, A/V Technology and Communications	GPs	Credits	Semester	Grade
Principles of Art, A/V Tech and Communications	4	1	2	9-12
Animation I	4	1	2	10-12
Commercial Photography I	4	1	2	10-12
Commercial Photography II	4	1	2	11-12
Career Preparation	4	2	2	11-12
Business	GPs	Credits	Semester	Grade
Business Information Management	4	1	2	9-12
Virtual Business	4	.5	1	9-12
Human Resources Management	4	.5	1	10-12
Business Management	4	1	2	10-12
Yearbook	4	2	2	11-12
Career Preparation	4	2	2	11-12
Health Science	GPs	Credits	Semester	Grade
Principles of Human Services	4	1	2	9-12
Child Development	4	1	2	10-12
Family and Community Services	4	1	2	10-12
Practicum of Human Services or Career Preparation	4	2	2	11-12
Hospitality and Tourism	GPs	Credits	Semester	Grade
Intro to Culinary Arts	4	1	2	9-12
Culinary Arts	4	2	2	10-12
Advanced Culinary Arts	4	2	2	11-12
Food Science	4	1	2	11-12
Career Preparation	4	2	2	11-12
Agriculture, Food and Natural Resources	GPs	Credits	Semester	Grade
Principles of Agriculture, Food, and Natural Resources	4	1	2	9-12
Agriculture Mechanics and Metal Technologies	4	1	2	10-12
Agricultural Structures Design and Fabrication	4	1	2	10-12
Agricultural Equipment Design and Fabrication	4	2	2	11-12
Equine Science	4	.5	1	10-12
Small Animal Management	4	.5	1	10-12
Livestock Production	4	1	2	10-12
Floral Design	4	1	2	10-12
Advanced Floral Design	4	1	2	11-12
Advanced Animal Science	4	1	2	11-12
Veterinary Medical Applications	4	1	2	11-12

Practicum in Agriculture, Food, and Natural Resources	4	2	2	11-12
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Arts, A/V Technology and Communications

Principles of Arts, Audio/Video Technology, and Communications

1 Credit

Grades: 9

Career in the Arts, Audio/Video, Technology, and Communications career cluster require, in addition to creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Animation **10-12**

1 Credit

Grades:

Prerequisite: Art I

Animation spans all aspects of motion graphics. 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 history and techniques of the animation industry.

Commercial Photography I **10-12**

1 Credit

Grades:

Prerequisite: Principles of Arts, Audio/Video Technology, and Communications

Careers in commercial photography require skills that span all aspects of the industry from setting up a shot to delivering products in a competitive market. Within this context, in addition to developing 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 commercial photography industry with a focus on creating quality photographs.

Commercial Photography II

1 Credit

Grades: 11-12

Prerequisite: Commercial Photography I

Careers in commercial photography require skills that span all aspects of the industry from setting up a shot to delivering products in a competitive market. Within this context, 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 advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.

HOSPITALITY AND TOURISM

Introduction to Culinary Arts

1 Credit

Grades: 9-10

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.

Culinary Arts **10-12**

2 Credits

Grades:

Prerequisite: Intro to Culinary Arts

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.

Advanced Culinary Arts

2 Credits

Grades: 11-12

Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards to prepare students for success in higher education, certifications, and/or immediate employment.

Food Science

1 Credit

Grades: 11-12

Prerequisites: Three units of science, including Chemistry and Biology.

In Food Science students conduct laboratory and field investigations, use scientific method during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration in food products, the principles underlying food processing, and the improvement of foods for the consuming public. *Note: This course satisfies a science credit requirement for students on the Foundation High School Program.*

FAMILY & COMMUNITY SERVICES

Principle of Human Services

1 Credit

Grades: 9

This laboratory course will enable students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

Child Development

1 Credit

Grades:

10-12

Child Development is a technical laboratory course that addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

Family and Community Services

1 Credit

Grades:

10-12

Family and Community Services is a laboratory-based course designed to involve students in realistic and meaningful community-based activities through direct service or service-learning experiences. Students are provided opportunities to interact with and provide services to individuals, families, and the community through community or volunteer services. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics.

Practicum of Human Services

2-3 Credits

Grades: 11/12

Practicum in Human Services provides background knowledge and occupation-specific training that focuses on the development of consumer services, early childhood development and services, counseling and mental health services, and family and community-services careers. Content for Practicum in Human Services is designed to meet the occupational preparation needs and interests of students and should be based upon the knowledge and skills selected from two or more courses in a coherent sequence in the human services cluster. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

AGRICULTURE, FOOD, AND NATURAL RESOURCES

Principles of Agriculture, Food, and Natural Resources 1 Credit **Grades: 9**

To be prepared for careers in agriculture, food, natural resources, students must attain academic skill and knowledge in agriculture. This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce experience, apply, and transfer their knowledge and skills in a variety of settings.

Agriculture Mechanics and Metal Technologies 1 Credit **Grades:** **10-12**

To be prepared for careers in agricultural power, structural, and technical systems, students need to attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings. This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skill in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques.

Agricultural Structures Design and Fabrication 1 Credit **Grades:** **10-12**

Prerequisite: Algebra I

In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication. (Welding)

Equine .5 Credits **Grades:** **10-12**

To be prepared for careers in the field of animal science, students need to enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. Suggested animals which may be included in the course of study include, but are not limited to, horses, donkeys, and mules.

Small Animal Management .5 Credit **Grades:** **10-12**

To be prepared for careers in the field of animal science, students need to enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings. Suggested

small animals which may be included in the course of study include, but are not limited to, small mammals, amphibians, reptiles, avian, dogs, and cats.

Livestock Production
10-12

1 Credit

Grades:

To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. Animal species to be addressed in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry.

Floral Design
10-12

1 Credit

Grades:

Examines the basic principles of artistic floral design, the history of floral design, color coordination, design construction techniques, and floral design nomenclature; covers the construction of basic geometric designs, corsage construction, accessory usage, container selection, the proper use and maintenance of tools of the trade, and the skills necessary to select and use quality materials in design construction.

Advanced Animal Science

1 Credit

Grades: 11–12

Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences.

Veterinary Medical Applications

1 Credit

Grades: 11-12

Veterinary Medical Applications covers topics relating to veterinary practices, including practices for large and small animal species.

Agricultural Equipment Design and Fabrication

2 Credits

Grades: 11-12

Prerequisites: Algebra I or Geometry

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

Practicum in Agricultural, Food, and Natural Resources

2 Credits

Grades: 11-12

Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. 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 Career Cluster®.

CAREER PREPARATION (COOP)

Level Courses	GPs	Credit s	Semeste r	Grade
Career Preparation I	4	2-3	4	11-12
Career Preparation II	4	2-3	4	12

Career and technical education programs offer a sequence of courses that provides students with coherent and rigorous content. CTE content is aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in current or emerging professions.

Career Preparation I

2.0 or 3.0 Credits*

Grades: 11-12

Prerequisite: Transportation, approved job site, and graduation requirements must be met as described below

Career Preparation provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing workplace. This instructional arrangement is an advanced component of a student's individual program of study. Students are taught employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Career preparation is relevant, rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. Students will choose to complete either a 10-hour minimum work week for 2 credits (1/semester) or 15-hour minimum work week for 3 credits (1.5/semester) at the beginning of the year. To be considered for enrollment in this program, a student must be meeting the Texas Education Agency's requirements for graduation credit and have earned 20 credits at the beginning of their senior year or 15 credits at the beginning of their junior year. Career Preparation students must furnish their own transportation. Juniors wishing to enter into the Career Preparation class need to make declaration to their counselor before June 1st of their sophomore year, otherwise enrollment will not be considered. No student will be allowed to enroll at semester.

***This course requires two-three class periods per day.**

Career Preparation II

2.0 or 3.0 Credits*

Grades: 12

Prerequisite: Transportation, approved job site, and graduation requirements must be met as described below

Career Preparation provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing workplace. This instructional arrangement is an advanced component of a student's individual program of study. Students are taught employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and

budget activities, human relations, and portfolio development. Career preparation is relevant, rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. Students will choose to complete either a 10-hour minimum work week for 2 credits (1/semester) or 15-hour minimum work week for 3 credits (1.5/semester) at the beginning of the year. To be considered for enrollment in this program, a student must be meeting the Texas Education Agency's requirements for graduation credit and have earned 20 credits at the beginning of their senior year or 15 credits at the beginning of their junior year. Career Preparation students must furnish their own transportation. Juniors wishing to enter into the Career Preparation class need to make declaration to their counselor before June 1st of their sophomore year, otherwise enrollment will not be considered. No student will be allowed to enroll at semester.

***This course requires two-three class periods per day**

Students must meet the following requirements:

Classified as a junior or senior

Must have completed and passed all required STAAR Testing

Complete all of the required paperwork during the course and be passing Career Preparation at the end of each grading cycle. A non-passing grade could cause the student to be removed from the course and entered into a full day schedule.

OTHER ELECTIVES

Level Courses	GPs	Credit s	Semeste r	Grade
Applied Music	4	1	2	10-12

Applied Music
10-12

1 Credit

Grades:

Prerequisite: Completed 1 year of High School Band

This course contains a variety of elements to further the student's musical education beyond the normal band class. Students will gain a deeper knowledge of music theory and history, prepare for and participate in contests such as Region Honor Band auditions and Solo-Ensemble contests, and choose a self-study topic in the fields of music performance, composition, recording and audio engineering, or other approved topics.

