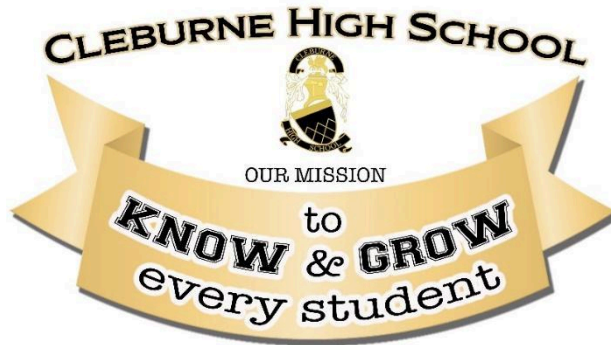


CLEBURNE HIGH SCHOOL



ACADEMIC PLANNING GUIDE

2025 – 2026



Dear CHS Students and Parents:

At Cleburne High School, our mission is to **KNOW** every student by name, need, and strength. The Cleburne High School Course Description Guide has been carefully crafted around this mission. We recognize that planning the courses to take for your four years is a serious undertaking. Your future is incredibly bright and exciting, and we consider it a privilege to play a role in helping you with your plan. The choices and decisions you make over the next four years will shape you and guide you in ways you never anticipated. Each decision you make during high school will no doubt be very important. At CHS, we accept the challenge to provide you with the courses and opportunities that will best prepare you for your future.

The purpose of the Cleburne High School Course Description Guide is to assist you in achieving your goals for your future. First and foremost, we want to provide you with opportunities to expand your interests. We want to know your abilities, aspirations, and future plans. Then, we will work together with you and your parents to develop a plan that challenges and prepares you to be college or career ready. The course guide provides important information regarding course offerings, graduation plans, and post-graduation opportunities. Although many of the courses are determined by the graduation requirements, the courses you select should be guided largely by your interests and future plans. Outlined in the following pages are not only the graduation requirements for each program but also samples of graduation plans to help you determine which classes to take for the career plan of your choosing. It is Cleburne High School's goal for students to successfully gain admission to the colleges of their choice, or to enter the job market with the required skills and/or certifications for a successful career. By planning wisely and committing to your goals, you have an opportunity to experience a very bright future.

If you have any questions about the material in this guide, please contact the CHS counseling office. School personnel will answer your questions to ensure that you have a plan of study suitable to your individual needs and preferences. We care very much about you, and we pride ourselves on establishing a program that equips all CHS students for success. Please let us know how we can further assist you. You are important to us!

Sincerely,

Dr. Karen J. Holweg

Principal



Cleburne Independent School District does not discriminate on the basis of race, color, national origin, sex or disability in providing education or providing access to benefits of education services, activities, and programs, including career and technical programs in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended; and Title II of the American Disabilities Act.

CLEBURNE HIGH SCHOOL

TABLE OF CONTENTS

<u>ACADEMIC INFORMATION</u>	7
<u>GRADUATION REQUIREMENTS</u>	10
<u>PERFORMANCE ACKNOWLEDGEMENTS</u>	12
<u>GRADUATION PLANS</u>	13
<u>COLLEGE PREPARATION</u>	14
<u>DUAL CREDIT INFORMATION</u>	16
<u>-HILL COLLEGE</u>	
<u>-ONRAMPS</u>	
<u>-MCMURRY UNIVERSITY</u>	
<u>ASSOCIATE DEGREE PROGRAM</u>	20
<u>CAREER AND TECHNICAL EDUCATION</u>	21
<u>-AGRICULTURE, FOOD, AND NATURAL RESOURCES</u>	
<u>-ARCHITECTURE AND CONSTRUCTION</u>	
<u>-ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS</u>	
<u>-BUSINESS, MARKETING, AND FINANCE</u>	
<u>-EDUCATION AND TRAINING</u>	
<u>-ENGINEERING</u>	
<u>-HEALTH SCIENCE</u>	
<u>-HOSPITALITY AND TOURISM</u>	
<u>-HUMAN SERVICES</u>	
<u>-INFORMATION TECHNOLOGY</u>	
<u>-LAW AND PUBLIC SERVICE</u>	
<u>-MANUFACTURING</u>	
<u>-TRANSPORTATION, DISTRIBUTION, AND LOGISTICS</u>	
<u>-CAREER PREPARATION (WORK CO-OP)</u>	55
<u>ENGLISH / LANGUAGE ARTS</u>	59
<u>FINE ARTS</u>	62
<u>HEALTH / PHYSICAL EDUCATION / ATHLETICS</u>	69
<u>LANGUAGES OTHER THAN ENGLISH</u>	72
<u>MATHEMATICS</u>	77
<u>SCIENCE</u>	81
<u>SOCIAL STUDIES</u>	85
<u>NON-CONTENT ELECTIVES</u>	89

CLEBURNE

Independent School District



Board of Trustees

PRESIDENT

Elizabeth Childress

VICE PRESIDENT

Dr. Jason Tennison

SECRETARY

DeAnna King

MEMBERS

Eric Bishop
Wendell Dempsey
Mary Ellen Mahaffey
Joe Trevino Jr.

Administration

SUPERINTENDENT

Coby Kirkpatrick, Ed.D.

DEPUTY SUPERINTENDENT

Kristi Rhone, Ed.D.

CLEBURNE HIGH SCHOOL PRINCIPAL

Karen Holweg, Ed.D.

Clebourn High School

850 N. Nolan River Rd.

Clebourn, TX 76033

817-202-1200

Counseling Center: 817-202-1240

<https://www.c-isd.com/>

CLEBURNE HIGH SCHOOL



MISSION & PHILOSOPHY

The mission of Cleburne ISD in partnership with parents and community is to provide all students with rigorous and relevant learning.

We believe that every student can succeed.
We believe that high expectations foster a high level of performance.
We will make all decisions in the best interest of our students.
We will prepare our students to be successful, productive citizens.

CLEBURNE HIGH SCHOOL

ACADEMIC INFORMATION

There are many factors to consider in selecting courses that will meet individual needs for next year. Remember to select courses to fit overall planning which projects beyond the high school years. Interest and ability should determine choices. Experience shows that those who plan an entire high school program early and frequently review the plan will be able to graduate without difficulty. It is important to know that this course description guide includes all courses that are offered at Cleburne High School. Please note that due to low enrollment and teacher availability, some classes may not be offered. Because of scheduling conflicts and classes closing, a student may not be able to register for every course he/she plans to take during a semester. For this reason, the student should have in mind alternate courses in case the first choice is not available. In cases of limited class enrollment, priority will be given to 12th graders first, 11th graders next, etc.

ADVANCED COURSES

CHS courses eligible for advanced courses with weighted credit (extra points averaged into the student's overall grade average) are limited to those courses listed in this guide as Advanced Placement (AP) courses, Advanced, and any high school course taken before 9th grade. To receive weighted credit, students must be enrolled in the course and receive a grade of 70 or higher in the course. The goal of advanced credit courses is to challenge and stimulate students to the highest level of their abilities. Students and parents should be aware of the demanding nature of advanced credit courses. CTE courses titled "Advanced" do not receive weighted credit.

GRADE POINT AVERAGE CALCULATION AND CLASS RANK

CISD calculates both a non-weighted grade point average (GPA) and a weighted GPA. The college admissions process generally allows for students to indicate if the GPA and class ranking are weighted. Class rank shall be determined by averaging the grades for all courses taken for high school credit through the fifth six-weeks grading period of the senior year. Class rank for senior students shall be calculated by taking the accumulated grade points and dividing by the number of courses earned in grades 9-12 and any high school course taken prior to ninth grade for which a student earned state graduation credit. The grade point average shall earn grade points per the District weighted grade point scale. Final class rank shall be calculated by averaging 4th and 5th six weeks, then that is calculated into the cumulative grade point average of the first semester of the senior year.

2-LEVEL WEIGHTED GRADE SYSTEM

Level 1		Level 2 Advanced, AP, and any high school catalog course taken before 9th grade	
Grade	GPA	Grade	GPA
100	4.0	100	5.0
99	3.9	99	4.9
98	3.8	98	4.8
97	3.7	97	4.7
96	3.6	96	4.6
95	3.5	95	4.5
94	3.4	94	4.4
93	3.3	93	4.3
92	3.2	92	4.2
91	3.1	91	4.1
90	3.0	90	4.0
89	2.9	89	3.9
88	2.8	88	3.8
87	2.7	87	3.7
86	2.6	86	3.6
85	2.5	85	3.5
84	2.4	84	3.4
83	2.3	83	3.3
82	2.2	82	3.2
81	2.1	81	3.1
80	2.0	80	3.0
79	1.9	79	2.9
78	1.8	78	2.8
77	1.7	77	2.7
76	1.6	76	2.6
75	1.5	75	2.5
74	1.4	74	2.4
73	1.3	73	2.3
72	1.2	72	2.2
71	1.1	71	2.1
70	1.0	70	2.0
0-69	0	0-69	0

TRANSFER STUDENTS

Students entering from another state, country, or state accredited private school, where grades are awarded in letter form rather than numerical form, shall have them interpreted for ranking and other purposes as shown on the chart below:

Letter Grade	Numerical Grade
A	95
B	85
C	75
D	70
F	65

TRANSFER CREDIT

The District shall evaluate high school courses of transfer students from non-accredited, public, private, or parochial schools, including a homeschool, and shall be placed initially at the discretion of the evaluation committee and/or credit by exams.

GRADE LEVEL CLASSIFICATION

The classification of high school students is determined based on state credits earned. By state law TEC 28.025B, all students entering high school are to be enrolled in courses necessary to complete the curriculum requirements identified by the State Board of Education for the Foundation High School Graduation Plan which requires 26 state credits.. Entering freshman and out-of-district transfer students will be assigned a grade level based on the following credit classification.

Grade Level Classification	Earned Course Credits Required
<i>9th Grade – Freshman</i>	<i>0 – 6.5</i>
<i>10th Grade – Sophomore</i>	<i>7.0 – 13.5</i>
<i>11th Grade – Junior</i>	<i>14.0 – 18.5</i>
<i>12th Grade – Senior</i>	<i>19.0 +</i>

Students may retrieve credits through participation in a district-approved, credit-recovery for a class which they have already received instruction, but have failed. Credit is awarded upon successful completion of a course.

FOR ALTERNATIVE METHODS OF EARNING CREDIT PLEASE REFER TO [BOARD POLICY](#)

GRADUATION REQUIREMENTS

CISD requires 26 credits for graduation. Students who elect to graduate under the Foundation High School Program with an endorsement will earn a total of 26 credits. A student may earn Distinguished Level of Achievement by completing 26 credits consisting of the Foundation High School Program requirements plus Algebra II, credits in at least one endorsement, and a fourth advanced science credit. Students may use credits required for the Distinguished Level of Achievement to satisfy elective credit requirements. Students must complete the Distinguished Level of Achievement to qualify for the Top 10% of the graduation class earning automatic admission to Texas state universities and colleges.

Discipline	Freshman (1 credit)	Sophomore (1 credit)	Junior (1 credit)	Senior (1 credit)
English Language Arts: (4 credits) Students must receive four ELA credits.	- English I - Adv English I - ESOL I	- English 2 - Adv English 2 - ESOL 2	- English III - AP English III - Dual English III	- English IV - AP English IV - Dual English IV
Mathematics: (4 credits) Students must receive credit for Algebra 1 & Geometry + two additional math courses. Students must successfully complete Algebra II for DLA.	- Algebra 1 - Adv Algebra 1 - Geometry - Adv Geometry	- Geometry (required) - Adv Geometry - Algebra II - Adv Algebra II - Algebraic Reasoning	- Algebra 2 - Adv Algebra 2 - Math Model. with App. - OR Coll. Algebra - OR Pre-Calculus - Pre-Calculus - AP Pre-Calculus - Hill College Algebra - Hill College Stats - AP Calculus AB - AP Statistics	- Algebra 2 - Adv Algebra 2 - Math Model. with App. - OR Coll. Algebra - OR Pre-Calculus - Pre-Calculus - AP Pre-Calculus - Hill College Algebra - Hill College Stats - AP Calculus AB - AP Statistics
Science: (4 credits) Students must receive credit for Biology & either Chemistry or Physics and two additional science courses.	- Biology - Adv Biology - IPC	- Biology - Adv Biology - Chemistry - Adv Chemistry	- Chemistry - Adv Chemistry - Physics - Adv Physics - A&P - Dual A&P - Adv. Animal Science - Earth Systems Science - Environmental Systems - AP Biology - AP Chemistry - OR Chemistry - OR Chem II - AP Physics I - OR Physics - Food Science - Forensic Science	- Physics - Adv Physics - A&P - Dual A&P - Adv. Animal Science - Earth Systems Science - Environmental Systems - AP Biology - AP Chemistry - OR Chemistry - OR Chem II - AP Physics I - OR Physics - Food Science - Forensic Science

Social Studies: (3 credits) Students must receive credit for W. Geog, or W. Hist, US Hist., Govt., & Eco.	● World Geography ● AP Human Geography	● World History ● AP W. Hist. ● AP European History	● World History ● AP W. Hist. ● U.S. History ● AP US Hist. ● Dual US Hist. ● U.S. Government ● AP Govt. (0.5 credit) ● Economics ● AP Eco. (0.5 credit)	● World History ● AP W. Hist. ● U.S. History ● AP US Hist. ● Dual US Hist. ● U.S. Government ● AP Govt. (0.5 credit) ● Economics ● AP Eco. (0.5 credit)
Physical Education	One credit from PE or PE substitution		One credit from PE or PE substitution	
Language Other Than English	Two credits in the same language		Two credits in the same language	
Fine Arts	One credit		One credit	
Elective / Endorsement	7.0 credits		7.0 credits	
TOTAL CREDITS	26 CREDITS	26 CREDITS		

PERFORMANCE ACKNOWLEDGEMENTS

Performance acknowledgments require high performance beyond that expected of students in high school. Performance acknowledgments will be noted on the transcript. Students are responsible for notifying the counselor to add performance acknowledgement to the transcript. A performance acknowledgment can be earned by completing one of the following:

Outstanding Performance in Dual Credit

1. Completion of a minimum of 12 hours of college academic courses, including dual credit and advanced technical credit courses with a grade equivalent of 3.0 or higher on a 4.0 scale
2. Earning an Associate's degree while in high school

Outstanding Performance in Bilingualism and Biliteracy

1. By demonstrating proficiency in two or more languages by completing all language arts requirements and maintaining a minimum GPA of the equivalent of 80% and by satisfying one of the following:
 - a. Completion of 3 credits in the same language other than English with a minimum GPA of the equivalent of 80%; or
 - b. Proficiency in the Texas Essential Knowledge and Skills for Level IV or higher in a language other than English with a minimum GPA of the equivalent of 80%; or
 - c. Completion of at least three credits in foundation subject area courses in a language other than English with a minimum GPA of 80 on a scale of 100; or
 - d. Demonstrated proficiency in one or more languages other than English through one of the following methods:
 - i. A score of 3 or higher on a College Board advanced placement examination for a language other than English; or
 - ii. A score of 4 or higher on an International Baccalaureate (transfer students only) examination for a higher-level language other than English course; or
 - iii. Performance on a national assessment of language proficiency in a language other than English of at least Intermediate High or its equivalent.
2. To earn a performance acknowledgment in bilingualism and biliteracy, an English Language Learner (ELL) must also have:
 - a. Participated in and met the exit criteria for a bilingual or English as a second language (ESL) program; and
 - b. Scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).

Outstanding Performance on a College Board advanced placement test or International Baccalaureate examination with:

1. A score of 3, 4 or 5 on a College Board advanced placement examination; or
2. A score of 5 or above on an International Baccalaureate examination (Transfer Students only) for a higher-level course.

Outstanding Performance on the PSAT, the ACT-PLAN, the SAT or the ACT by:

1. Earning a score on PSAT/NMSQT as a commended scholar or higher
2. Achieving the college readiness benchmark score on at least two of the four subject tests on ACT-PLAN exam (transfer students only)
3. Earning a combined critical reading and mathematics score of at least 1250 on the SAT; or
4. Earning a composite score on the ACT exam of 28 (excluding the writing sub-score)

Nationally/Internationally Recognized Business or Industry Certification or License with:

1. Performance on an examination or series of examinations sufficient to obtain a nationally or internationally recognized business or industry certification; or
2. Performance on an examination sufficient to obtain a government-required credential to practice a profession. Nationally/Internationally Recognized Business or Industry Certification or License.

GRADUATION PLANS

FOUNDATION PLAN WITH AN ENDORSEMENT

English Language Arts	4 credit(s)
Mathematics	4 credit(s)
Science	4 credit(s)
Social Studies and Economics	3 credit(s)
Physical Education (or equivalent)	1 credit(s)
Fine Arts	1 credit(s)
Foreign Language	2 credit(s)
Endorsement**	4 credit(s)
Electives	3 credit(s)
Total	26 credits

**An Endorsement consists of a related series of courses within a program of study that is grouped together by interest & skill set. They provide students with in-depth knowledge of a subject area.

DISTINGUISHED LEVEL OF ACHIEVEMENT

- Students complete the Foundation Plan with an Endorsement (**26 credits**).
- Algebra II must be one of the math courses.
- To be eligible for the state's top 10% Automatic Admission into colleges and universities, students must complete the Distinguished Level of Achievement.

FOUNDATION GRADUATION PROGRAM

English Language Arts	4 credit(s)
Mathematics	3 credit(s)
Science	3 credit(s)
Social Studies and Economics	3 credit(s)
Physical Education (or equivalent)	1 credit(s)
Fine Arts	1 credit(s)
Foreign Language	2 credit(s)
Electives	9 credit(s)
Total	26 credits

Colleges and universities may have different entrance requirements than what Texas Education Agency's graduation mandates. Students and families are strongly encouraged to research the entrance requirements of each potential college and university of interest.

COLLEGE PREPARATION

CLEBURNE ISD ASSOCIATE OF LIBERAL ARTS DEGREE PROGRAM

The CISD Associate Degree Program is a partnership between CISD and Hill College. Rigorous high school and college courses are taught by high school teachers and Hill College Instructors. Students are eligible to apply in their eighth grade year to begin the program during their ninth grade year. Twenty five students will be accepted yearly for the program. Click [here](#) to access the ADP course crosswalk.

ADVANCED PLACEMENT COURSES

- **Advanced Placement (AP) Courses**

The Advanced Placement Program® (AP®) is a collaborative effort among motivated students, dedicated teachers, and committed high schools, colleges, and universities. This program allows CISD students to take college-level courses and exams and to earn college credit or placement while still in high school.

Each AP course has a corresponding exam that participating schools worldwide administer in May. As a result, the CISD fosters the expectation that students who enroll in an AP course will go on to take the corresponding AP Exam.

AP courses require students to perform at the level of a college freshman. A successful score (3 or higher) on the examination may give the student college credit or placement for the courses taken in high school, subject to the approval of the student's selected college. Students will pay \$40.00 per AP exam taken; \$10.00 if the student is a free/reduced lunch recipient. All other AP exam costs are assumed by the district. It is the responsibility of the student to inquire if the college of choice accepts advanced placement exam credit and to request that credit be given.

- **Advanced Courses**

Courses that prepare students for future AP and/or Dual Credit courses are referred to as Advanced courses. Advanced courses can be taken in grades 9-12. Emphasis is given to the skills and strategies students need to succeed in advanced academics courses and in post-secondary education.

Courses listed with a  indicates receiving weighted credit

DUAL CREDIT COURSES

The Dual Credit Program allows high school students an additional opportunity to enroll in college-level courses and to earn high school as well as college credit for the successfully completed coursework. CISD currently assumes the expense for one course per student, per semester for both academic and technical dual credit courses. The cost for additional courses must be paid by the student. Currently, some Hill College Dual Credit Technical Courses are paid for in full. **Qualifying for dual credit courses is based upon past performance and prerequisite courses. Any student seeking enrollment in a dual credit course must complete the application process to register for the course. See counseling department for application process.**

ONRAMPS COURSES

OnRamps courses are dual enrollment courses offered through the University of Texas. OnRamps courses use a hybrid model to deliver college-credit bearing courses taught by both an on-campus instructor & a University of Texas professor. All OnRamps courses can be applied to the Texas Core Curriculum and are guaranteed to transfer to any public institution in Texas. CISD currently assumes the expense for one course per student, per semester. The cost for any additional course must be paid by the student. Students will complete enrollment paperwork as a part of the course; no prior paperwork will be required for enrollment in an OnRamps course.

DUAL CREDIT INFORMATION



HILL COLLEGE

GENERAL INFORMATION

Cleburne High School, in conjunction with Hill College, offers several courses for dual credit to CHS students 9th through 12th grades. Students will receive high school and college credit for college courses taken and passed through CHS. Additionally, students must earn a 70 or higher in the dual credit course to continue in high school dual credit opportunities. Since the student is being given early enrollment for these courses, the student must be enrolled in Cleburne High School throughout the course, or he/she will be dropped from the college course.

DUAL CREDIT ENROLLMENT

Dual credit courses are offered with Hill College. Students will attend Hill College classes at the home campus when available; however, some courses require students to attend the Hill College campus. CISD currently assumes the expense for one course per student, per semester for both academic and technical dual credit courses. The cost for additional courses must be paid by the student. Currently some Hill College Dual Credit Technical Courses are paid for in full. Qualifying for dual credit courses is based upon past performance and prerequisite courses. Any student seeking enrollment in a dual credit course must complete the following steps in order to register for the course. Failure to complete these steps may result in students being unable to register for dual credit classes.

1. Apply for admission to Hill College – www.ApplyTexas.org
2. Apply for dual credit admission:
Hill College - http://www.hillcollege.edu/Admissions_and_Aid/Admissions/DualCredit.html
3. Take and pass all necessary part of the TSI. CHS offers the TSI on the home campus free of charge. For Hill College students who do not pass the TSI, please call Hill College at (817) 760-5814 to schedule a TSI retest for a \$39 fee.

TSI INFORMATION

All students taking college-level courses must satisfy the Texas Success Initiative (TSI) requirements. Students must complete the following steps to register for the course. Failure to complete these steps may result in students being unable to register for dual credit classes:

1. Apply for admission to Hill College – www.ApplyTexas.org
2. Apply for dual credit- http://www.hillcollege.edu/Admissions_and_Aid/Admissions/DualCredit.html
3. Complete prerequisite courses.
4. Obtain a qualifying score on the Texas Success Initiative (TSI); TSI is not required for certificate-only programs.

GRADING AND ATTENDANCE INFORMATION

Although students register for college courses with the assistance of their high schools, the students must follow each college's procedures for requesting transcripts of college credit. Students must remember that dual courses will become part of their permanent college record. Students will be allowed to drop a college course within the guidelines specified by the college; however, courses without a high school equivalent may result in a shortage of credits towards a diploma. Additionally, students who elect to drop a course may continue to take dual credit

courses for which they qualify but will no longer be eligible for the scholarship from CISD. All course fees will be at the student's expense. Textbooks will be provided by CHS. Cleburne High School reserves the right to remove students from dual credit courses if they have not met their financial obligations regarding college tuition and/or fees.

Students are treated as college students by college faculty. The college professors do not call home if the student is absent or not turning in work. College grades may be accessed by the student through the college online grading portal. It is the student's responsibility to contact his/her college professor(s) in the event of any absence. This contact needs to be made prior to the absence unless the absence is due to a sudden illness. Students who take dual credit courses must be responsible and dependable. Senior students who fail a spring dual credit course may not be able to graduate and must repeat the course through another avenue such as summer school.

Upon acceptance to the college offering the dual credit course(s), the student will be conditionally admitted. Once the student completes high school requirements for graduation, a completed high school transcript with the date of graduation must be sent to the college. An official college transcript will not be issued until an official high school transcript is received. Students must maintain a GPA of 2.0 to remain in good standing. The calculation of GPA and class rank shall exclude grades earned in any dual credit course. For example, if a student takes eight courses, one of which is a dual credit class, his/her GPA will be calculated by the other seven courses. If a student takes two dual credit classes, his/her GPA will be calculated by the other six courses.

Students will follow the CISD calendar. Therefore, in order to make up for CISD holidays which are not college holidays, students may be required on occasion to attend college courses on certain CISD holidays (bad weather make-up days, etc.). In the spring semester, the CISD and college spring breaks may fall on two different weeks, so as stated previously, there may be Fridays or certain CISD holidays on which college classes have been scheduled for this purpose. Students should be given prior notice by their college professor(s) regarding any changes or additional class times.

HB505

House Bill 505 was passed concerning expanding dual credit opportunities for high school students. HB 505 states the following:

A rule may not limit:

- (1) the number of dual credit courses or hours in which a student may enroll while in high school
- (2) the number of dual credit courses or hours in which a student may enroll each semester or academic year
- (3) the grade levels at which a high school student may be eligible to enroll in a dual credit course.

Based on this recent legislation, students now have access to college courses as early as 9th grade and may take multiple college courses if desired if they meet eligibility requirements. The sponsorship/scholarship of these students, however, is limited to the parameters of the CISD dual credit programs and/or academies. Any courses taken outside of these parameters must be outside of the school day and at the student's expense. Only courses within our agreement established with the district's specified higher education partners and meeting the district's curriculum prerequisites found in the Course Description Guide can be coded for dual credit. All other courses will be concurrent or college credit only.

TEXTBOOKS

CISD provides textbooks for all dual credit courses. Books are checked out to students for the duration of the course. Students return books to CISD upon completion of the course. Books are issued on the home campus. No alternative text is required of the students.

DROP POLICY

Students can drop a course within the designated timeline established by Hill College. Please note that this may result in a shortage of credit(s) for the semester. Students must also be aware that they need to consult with the Hill College academic calendar in regard to drop dates. Dropping after a certain date will result in owing a portion of tuition. If the course was paid by CISD, dropping the course after the date may mean owing CISD the portion of tuition owed for the course.

REFUNDS

CISD and CHS do not refund student tuition. Students will not receive refunds for courses dropped and will lose their sponsorship by CISD for future dual credit courses. However, CISD will continue to provide textbooks for enrolled students who elect to continue in dual credit at their own expense.



ONRAMPS

GENERAL INFORMATION

OnRamps courses are a dual enrollment model course in which students enroll in a course taught by both a Cleburne High School teacher and a University of Texas professor. All OnRamps courses can be applied to the Texas Core Curriculum and are guaranteed to transfer to any public institution in Texas. OnRamps incorporates an organized data and action analytics approach to support students, teachers, and districts in their pursuit of educational excellence. Any student seeking enrollment in an OnRamps course must enroll in the course with their high school counselor during course registration. Enrollment in the University of Texas course will occur during the school year in the OnRamps course itself. Neither an application nor a TSI is required for enrollment in an OnRamps course.

Cleburne High School, in conjunction with OnRamps, offers courses for college credit to CHS students. Students will receive separate grades for the high school and college courses. Students will decide at the end of the course whether they want to accept their college grade to be placed on a University of Texas transcript. If a student chooses not to accept the college grade or if a student fails the college course it will not appear on the student's college transcript.

GRADING AND ATTENDANCE INFORMATION

Although students register for college courses with the assistance of their high schools, the students must follow each college's procedures for requesting transcripts of college credit. Students must remember that OnRamps courses may become part of their permanent college record. Students will be allowed to drop a college course within the guidelines specified by the college; however, courses without a high school equivalent may result in a shortage of credits towards a diploma. Additionally, students who elect to drop a course may continue to take OnRamps courses for which they qualify but will no longer be eligible for the scholarship from CISD. All course fees will be at the student's expense. Cleburne High School reserves the right to remove students from OnRamps courses if they have not met their financial obligations regarding college tuition and/or fees.

Students are treated as college students by college faculty. The college professors do not call home if the student is absent or not turning in work. College grades may be accessed by the student through the University of Texas Canvas system. It is the student's responsibility to contact his/her college professor(s) in the event of any absence. This contact needs to be made prior to the absence unless the absence is due to a sudden illness. Students who take OnRamps courses must be responsible and dependable.

TEXTBOOKS

OnRamps courses do not require textbooks or any additional course materials.

DROP POLICY

Students can drop a course within the designated timeline established by OnRamps. Please note that this may result in a shortage of credit(s) for the semester.

REFUNDS

CISD and CHS do not refund student tuition. Students will not receive refunds for courses dropped and will lose their sponsorship by CISD for future OnRamps courses.



MCMURRY UNIVERSITY

GENERAL INFORMATION

Cleburne High School, in conjunction with McMurry University, currently offers an Economics course for dual credit to CHS students. Students will receive high school and college credit for college courses taken and passed through CHS. Additionally, students must earn a 70 or higher in the dual credit course to continue in high school dual credit opportunities. Since the student is being given early enrollment for these courses, the student must be enrolled in Cleburne High School throughout the course, or he/she will be dropped from the college course.

Cost Structure

Cleburne ISD will incur the cost of one dual credit course per student per semester. Any additional courses will be taken at the expense of the student/parent. McMurry's tuition is currently listed at a rate of \$200 per course and is subject to change without notice..

Admission Procedures

Students must apply for admission to McMurry University as a dual credit student.

Student Expectations

Students enrolled in dual credit courses are college students & are expected to turn in work that is of collegiate quality. Dual credit instructors, whether they are embedded on the Cleburne High School campus or adjunct from McMurry, expect dual credit students to work at a college level & turn in college level products. Dual credit students need to consider the amount of time they will need to spend on their coursework when making course registration decisions. Students enrolled in dual credit courses are expected to earn college credit for the courses in which they are enrolled.

REFUNDS

CISD and CHS do not refund student tuition. Students will not receive refunds for courses dropped and will lose their sponsorship by CISD for future dual credit courses. However, CISD will continue to provide textbooks for enrolled students who elect to continue in dual credit at their own expense.

ASSOCIATE DEGREE PROGRAM

CISD partnered with Hill College in 2022 to begin our Associate Degree Program, which is available each year to current 8th grade students to make applications and are selected for the program.

- Applicants must be current 8th grade CISD students.
- Applications must be submitted by the due date (mid-January each year)
- Students chosen for the program will receive a scholarship that will provide tuition and fees for courses taken at Cleburne High School.
- All applications are thoroughly reviewed by the selection committee and students are ranked based on eligibility criteria

Example crosswalk for ADP:

Entity	High School Course Name OR Credit Type	High School Credits	College Course Name	College Course Code	College Hour(s)	Date Completed	Entity	High School Course Name OR Credit Type	High School Credits	College Course Name	College Course Code	College Hour(s)	Date Completed	Total Credits/Hours by Year
NINTH GRADE (FALL)							NINTH GRADE (SPRING)							
CMS/HC	College Readiness & Study Skills	0.5	Learning Framework	PSYC 1100	1		CMS/HC	Public Speaking	0.5	Professional Communications	SI/CH 1315	3		High School
CMS	English I	0.5					CMS	English I	0.5					
CMS	Algebra I/Geometry	0.5					CMS	Algebra I/Geometry	0.5					
CMS	Integrated Physics & Chemistry OR Biology	0.5					CMS	Chemistry OR Biology	0.5					0.5
CMS	World Geography	0.5					CMS	World Geography	0.5					College
CMS	Foreign Language I	0.5					CMS	Foreign Language I	0.5					
CMS	Health/Arts	0.5					CMS	Health/Arts	0.5					
CMS	Elective	0.5					CMS	Elective	0.5					4
TENTH GRADE (FALL)							TENTH GRADE (SPRING)							
CMS/HC	Technology	1	Business Computer Applications	BCIS 1305	3		CMS/HC	Elective	0.5	Texas Government	GOVI 2305	3		High School
CMS/HC	Elective	0.5	Psychology	PSYC 2301	3		CMS/HC	Elective	0.5	Sociology	SOCI 1301	3		
CMS	English II	0.5					CMS	English II	0.5					0.5
CMS	Algebra II	0.5					CMS	Algebra II	0.5					
CMS	Biology OR Chemistry OR Physics	0.5					CMS	Biology OR Chemistry OR Physics	0.5					College
CMS	World History	0.5					CMS	World History	0.5					
CMS	Foreign Language II	0.5					CMS	Foreign Language II	0.5					
CMS	Elective	0.5					CMS	Elective	0.5					12
ELEVENTH GRADE (FALL)							ELEVENTH GRADE (SPRING)							
CMS/HC	Pole Arts	1	Music Appreciation	MUSI 1305	3		CMS/HC	Elective	1	Lifespan Growth & Development	PSYC 2314	3		High School
CMS/HC	English III	0.5	Composition I	ENGL 1301	3		CMS/HC	English III	0.5	Composition II	ENGL 1302	3		
CMS	Geometry/Pre-Cal	0.5					CMS	Geometry/Pre-Cal	0.5					
CMS	Chemistry OR Physics	0.5					CMS	Chemistry OR Physics	0.5					0.5
CMS/HC	United States History	0.5	United States History	HIST 1301	3		CMS/HC	United States History	0.5	United States History	HIST 1302	3		College
CMS	Elective	0.5					CMS	Elective	0.5					
CMS	Elective	0.5					CMS	Elective	0.5					
CMS	Elective	0.5					CMS	Elective	0.5					18
TWELFTH GRADE (FALL)							TWELFTH GRADE (SPRING)							
CMS/HC	English IV	0.5	British Literature I	ENGL 2322	3		CMS/HC	English IV	0.5	British Literature II	ENGL 2323	3		High School
CMS/HC	Pre-Calculus	0.5	Federal Algebra	MAAT 1314	3		CMS/HC	Pre-Calculus	0.5	Statistics	STAT 1342	3		
CMS/HC	Government	0.5	Federal Government	GOVI 2305	3		CMS/HC	Economics	0.5	Macroeconomics	SI/CH 2301	3		
CMS/HC	Anatomy & Physiology	0.5	Human Anatomy & Physiology	BIOL 2401	4		CMS/HC	Anatomy & Physiology	0.5	Human Anatomy & Physiology	BIOL 2402	4		0.5
CMS	Elective	0.5					CMS	Elective	0.5					College
CMS	Elective	0.5					CMS	Elective	0.5					
CMS	Elective	0.5					CMS	Elective	0.5					
CMS	Elective	0.5					CMS	Elective	0.5					25
												Total High School Credits		25 Minimum
												Total College Hours		60



CLEBURNE INDEPENDENT SCHOOL DISTRICT Career & Technical Education

CAREER AND TECHNICAL EDUCATION

Career and Technical Education (CTE) courses are organized into programs of study and each program is assigned to a career cluster, which represents a broad industry sector. CTE programs of study offer a sequence of courses that provides students with rigorous academic connections and advanced technical knowledge & skill needed to prepare for postsecondary education and careers in current and emerging professions. Each program is developed with input from postsecondary and industry partners and most provide opportunities for college credit, industry-based certification, and work-based learning which may include paid internship. To learn more about each of the CTE programs of study available in Cleburne ISD, review the [CTE Program of Study Guide](#) or visit www.c-isd.com/cte.

Programs of Study offered at Cleburne High School, by Endorsement:

BUSINESS & INDUSTRY	PUBLIC SERVICES	STEM*
● Accounting & Financial Services ● Agriculture Technology & Mechanical Systems ● Animal Science ● Architectural Drafting & Design ● Automotive & Collision Repair ● Business Management ● Carpentry ● Culinary Arts ● Cybersecurity ● Diesel & Heavy Equipment Maintenance & Commercial Drivers ● Digital Communications ● Engineering Foundations ● Entrepreneurship ● Graphic Design & Interactive Media ● HVAC & Sheet Metal ● Information Technology Support & Services ● Manufacturing Technologies ● Marketing & Sales ● Networking Systems ● Plant Science ● Programming & Software Development	● Cosmetology ● Diagnostic & Therapeutics Services ● Family & Community Services ● Health & Wellness ● Law Enforcement ● Teaching & Training	● Agriculture Technology & Mechanical Systems ● Animal Science ● Architectural Drafting & Design ● Cybersecurity ● Engineering Foundations ● Information Technology Support & Services ● Manufacturing Technologies ● Networking Systems ● Plant Science ● Programming & Software Development

*Successful completion of the programs of study listed under STEM will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised – August 2022, TEA

AGRICULTURE, FOOD, AND NATURAL RESOURCES

Agriculture Technology & Mechanical Systems				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	AG1002	Principles of Agriculture, Food, & Natural Resources	9-10	1.0
2	AGE202	Ag Mechanics and Metal Technologies	10-12	1.0
3	AGE302	Ag Structures Design and Fabrication	11-12	1.0
4	AGE402	Ag Equipment Design and Fabrication / Lab	11-12	2.0
IBC: AWS D1.1 STRUCTURAL STEEL, AWS D9.1 SHEET METAL WELDING				
Agriculture Technology & Mechanical Systems-Dual				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	AG1002	Principles of Agriculture, Food, & Natural Resources	9-10	1.0
2	AGE202	Ag Mechanics and Metal Technologies	10-12	1.0
4	AGW314	*Practicum in Agriculture, Food, & Natural Resources - Welding I^ Fall	11-12	1.5
4	AGW324	*Practicum in Agriculture, Food, & Natural Resources - Welding I^ Spring	11-12	1.5
4	AGW414	*Practicum in Agriculture, Food, & Natural Resources - Welding II^ Fall	12	1.5
4	AGW424	*Practicum in Agriculture, Food, & Natural Resources - Welding II^ Spring	12	1.5
HILL COLLEGE CERTIFICATE				
Animal Science				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	AG1002	Principles of Agriculture, Food, & Natural Resources	9-10	1.0
3	AGA202	Livestock Production	10-12	1.0
4	AGA302	Veterinary Medical Applications	11-12	1.0
4	SC4602	Advanced Animal Science^	11-12	1.0
IBC: ELANCO FUNDAMENTALS OF ANIMAL SCIENCE, ELANCO VETERINARY MEDICAL APPLICATIONS				
Plant Science				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	AG1002	Principles of Agriculture, Food, & Natural Resources	9-10	1.0
2	AGP202	Greenhouse Operation & Production	10-12	1.0
3	AGP302	Horticultural Science	10-12	1.0
3	FF1402	Floral Design	10-12	1.0
3	AGP402	Floral Design with Lab (New 25-26)	11-12	2.0
4	AGP502	Advanced Floral Design (New 25-26)	11-12	1.0
IBC: TX STATE FLORIST'S ASSOCIATION KNOWLEDGE BASED FLORAL CERTIFICATION, LEVEL I, LEVEL II				

AG1002

PRINCIPLES OF AGRICULTURE, FOOD, AND NATURAL RESOURCES (AFNR)

Prerequisite(s): none

Placement: 9-10

Credits: 1.0

Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations.

AGA202

LIVESTOCK PRODUCTION

Placement: 10-12

Prerequisite(s): Principles of AFNR

Credits: 1.0

In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry.

AGA302

VETERINARY MEDICAL APPLICATIONS

Placement: 11-12

Prerequisite(s): Livestock Production

Credits: 1.0

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

AGE202

AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES

Placement: 10-12

Prerequisite(s): Principles of AFNR

Credits: 1.0

Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical systems, students must 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.

AGE302

AGRICULTURAL STRUCTURES DESIGN AND FABRICATION

Placement: 11-12

Prerequisite(s): Ag Mechanics and Metal Technologies

Credits: 1.0

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.

AGE402

AGRICULTURAL EQUIPMENT DESIGN AND FABRICATION / LAB

Placement: 11-12

Prerequisite(s): Ag Structures Design and Fabrication

Credits: 2.0

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

AGP202

HORTICULTURAL SCIENCE

Placement: 10-12

Prerequisite(s): Principles of Agriculture, Food, and Natural Resources (AFNR)

Credits: 1.0

Horticultural Science is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production.

AGP302

GREENHOUSE OPERATION AND PRODUCTION

Placement: 10-12

Prerequisite(s): Principles of Agriculture, Food, and Natural Resources (AFNR)

Credits: 1.0

Greenhouse Operation and Production is designed to develop an understanding of greenhouse production techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and

knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

FF1402

FLORAL DESIGN I

Placement: 10-12

Prerequisite(s): Principles of Agriculture, Food, and Natural Resources (AFNR)

Credits: 1.0

Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations. *Note: This course satisfies a fine arts credit requirement for students on the Foundation High School Program.*

AGP402

FLORAL DESIGN WITH LAB

Placement: 11-12

Prerequisite(s): Principles of Agriculture, Food, and Natural Resources (AFNR)

Credits: 2.0

Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations.

AGP502

ADVANCED FLORAL DESIGN

Placement: 11-12

Prerequisite(s): Floral Design

Credits: 1.0

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

SC4602

ADVANCED ANIMAL SCIENCE^

Placement: 11-12

Prerequisite(s): Biology or IPC; Chemistry; Algebra I; Geometry; & Livestock Production

Credits: 1.0

Recommended Prerequisite(s): Veterinary Medical Applications

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. *Note: This course satisfies a science credit requirement for students on the Foundation High School Program.*

***CLEBURNE CTE DUAL CREDIT COURSES**

Cleburne High School Agriculture Technology and Mechanical Systems - Dual Welding program is taught in conjunction with Hill College. Students must be a junior to enroll in the level 3 and level 4 Applied Agricultural Engineering - Welding courses and will attend Hill College classes on the Johnson County Hill College Technical Center. Fees for college courses are determined by a cost sharing agreement between the student, Cleburne ISD, and Hill College.

AGW314 (Fall)

AGW324 (Spring)

PRACTICUM IN AFNR - WELDING I^**Placement: 11-12****Prerequisite(s): Ag Mechanics and Metal Technology****Credits: 3.0**

Welding I will introduce welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. Welding I will provide students with the knowledge, skills, and technologies required for employment in welding industries.

AGW414 (Fall)**AGW424 (Spring)****PRACTICUM IN AFNR - WELDING II^****Placement: 12****Prerequisite(s): Ag Mechanics and Metal Technology****Credits: 3.0**

Welding II builds on the knowledge and skills developed in Welding I and introduces students to Flux Cored Arc Welding, Gas Tungsten Arc Welding, Pipe Welding, and welding using multiple processes. Students will develop advanced welding concepts and skills as related to personal and career development. Students will integrate academic and technical knowledge and skills.

ARCHITECTURE AND CONSTRUCTION

Architectural Drafting & Design				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	AR1002	Principles of Architecture (Recommended)	9-10	1.0
1	CN1002	Principles of Construction	9-10	1.0
2	AR2002	Architectural Design I	10-12	1.0
3	AR3002	Architectural Design II	11-12	2.0
4	AR4002	Practicum in Architectural Design	12	2.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: AUTODESK CERTIFIED USER (AUTOCAD)				
Carpentry				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	CN1002	Principles of Construction (Recommended)	9-10	1.0
1	AR1002	Principles of Architecture	9-10	1.0
2	CN2002	Construction Technology I	10-12	2.0
3	CN3002	Construction Technology II	11-12	2.0
4	CN4002	Practicum in Construction Technology	12	2.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: NCCER CORE				
*HVAC & Sheet Metal - Dual				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	CN1002	Principles of Construction (Recommended)	9-10	1.0
1	AR1002	Principles of Architecture	9-10	1.0
2	CN2002	Construction Technology I (recommended, not in program of study)	10-12	2.0
3	HV3012	*HVAC and Refrigeration Technology I^ Fall (take concurrently with AR4002)	11-12	0.5
3	HV3022	*HVAC and Refrigeration Technology I^ Spring (take concurrently with AR4002)	11-12	0.5
4	HV4012	*HVAC and Refrigeration Technology II^ Fall	12	1.0
4	HV4022	*HVAC and Refrigeration Technology II^ Spring	12	1.0
4	AR4002	*Practicum in Construction Technology^ (take concurrently with HV3012 & HV3022)	11-12	2.0
IBC: REFRIGERANT HANDLING (EPA 608)				

AR1002

PRINCIPLES OF ARCHITECTURE

Placement: 9-10

Prerequisite(s): none

Credits: 1.0

Principles of Architecture provides an overview to the various fields of architecture, interior design, and construction management. Achieving proficiency in decision making and problem solving is an essential skill for career planning and lifelong learning. Students use self-knowledge, education, and career information to set and achieve realistic career and educational goals. Job- specific training can be provided through training modules that identify career goals in trade and industry areas. Classroom studies include topics such as safety, work ethics,

communication, information technology applications, systems, health, environment, leadership, teamwork, ethical and legal responsibility, employability, and career development and include skills such as problem solving, critical thinking, and reading technical drawings.

AR2002

ARCHITECTURAL DESIGN I

Placement: 10-12

Prerequisite(s): Algebra I; English I; Principles of Architecture

Credits: 1.0

Recommended Prerequisite: Geometry

In Architectural Design I, students will gain knowledge and skills needed to enter a career in architecture or construction or prepare a foundation toward a post-secondary degree in architecture, construction science, drafting, interior design, or landscape architecture. Architectural Design I includes the knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for nonresidential or residential architectural purposes.

AR3002

ARCHITECTURAL DESIGN II

Placement: 11-12

Prerequisite(s): Geometry; Architecture Design I

Credits: 2.0

In Architectural Design II, students will gain advanced knowledge and skills needed to enter a career in architecture or construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, or landscape architecture. Architectural Design II includes the advanced knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for nonresidential or residential architectural purposes.

AR4002

PRACTICUM IN ARCHITECTURAL DESIGN II

Placement: 12

Prerequisite(s): Architectural Design II

Credits: 2.0

Practicum in Architectural Design is an occupationally specific course designed to provide technical instruction in architectural design. Safety and career opportunities are included in addition to work ethics and architectural design study.

CN1002

PRINCIPLES OF CONSTRUCTION

Placement: 9-10

Prerequisite(s): none

Credits: 1.0

Principles of Construction is intended to provide an introduction and lay a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. For safety and liability considerations, limiting course enrollment to 15 students is recommended. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.

CN2002

CONSTRUCTION TECHNOLOGY I

Placement: 10-12

Prerequisite(s): Principles of Construction or Principles of Architecture

Credits: 2.0

In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. For safety and liability considerations, limiting course enrollment to 15 students is recommended.

CN3002

CONSTRUCTION TECHNOLOGY II

Placement: 11-12

Prerequisite(s): Construction Technology I

Credits: 2.0

Recommended Prerequisite: Principles of Architecture or Principles of Construction

In Construction Technology II, students will gain advanced knowledge and skills needed to enter the workforce as carpenters, building maintenance technicians, or supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will build on the knowledge base from Construction Technology I and are introduced to exterior and interior finish out skills. For safety and liability considerations, limiting course enrollment to 15 students is recommended.

CN4002**PRACTICUM IN CONSTRUCTION TECHNOLOGY****Placement: 12****Prerequisite: Construction Technology II****Credits: 2.0**

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

***CLEBURNE CTE DUAL CREDIT COURSES**

Cleburne High School HVAC and Refrigeration Technology program is taught in conjunction with Hill College. Students must be a junior to enroll in the level 3 and level 4 HVAC and Refrigeration Technology courses and will attend Hill College classes on the Johnson County Hill College Technical Center campus. Fees for college courses are determined by a cost sharing agreement between the student, Cleburne ISD, and Hill College.

CN4002**PRACTICUM IN CONSTRUCTION TECHNOLOGY^****Placement: 11-12****Prerequisite: Construction Technology I****Credits: 2.0****Corequisite: Must be taken concurrently with HVAC & Refrigeration Technology I**

In Practicum in Construction Technology, students will be challenged with the application of knowledge and skills gained in previous construction-related coursework. In many cases students will be allowed to work at a job (paid or unpaid) outside of school, be involved in local projects the school has approved for this class, or attend HVAC & Refrigeration Technology dual courses through Hill College.

HV3012 (Fall)**HV3022 (Spring)****HEATING, VENTILATION, & AIR CONDITIONING AND REFRIGERATION TECHNOLOGY I****Placement: 11-12****Prerequisite: Construction Technology I****Credits: 1.0****Co-requisite: Must be taken concurrently with Practicum in Construction Technology**

In Heating, Ventilation, and Air Conditioning and Refrigeration Technology I, students will gain knowledge and skills needed to enter the industry as technicians in the HVAC and refrigeration industry or building maintenance industry, prepare for a postsecondary degree in a specified field of construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, principles of HVAC theory, use of tools, codes, and installation of HVAC and refrigeration equipment.

HV4012 (Fall)**HV4022 (Spring)****HEATING, VENTILATION, & AIR CONDITIONING AND REFRIGERATION TECHNOLOGY II****Placement: 12****Prerequisite(s): HVAC and Refrigeration Technology I****Credits: 2.0**

In Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II, students will gain advanced knowledge and skills needed to enter the industry as HVAC and refrigeration technicians or building maintenance technicians or supervisors, prepare for a postsecondary degree in a specified field of construction or construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, use of tools, codes, installation of commercial HVAC equipment, heat pumps, troubleshooting techniques, various duct systems, and maintenance practices.

ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATION

Digital Communications				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	AV1002	Principles of Arts, AV Technology, & Communications	9-10	1.0
2	AVP202	Audio/Video Production I	10-12	1.0
3	AVP302	Audio/Video Production II	11-12	1.0
4	AVP402	Practicum of Audio/Video Production	11-12	2.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: ADOBE CERTIFIED PROFESSIONAL IN DIGITAL VIDEO USING PREMIERE PRO and/or ADOBE CERTIFIED PROFESSIONAL IN VISUAL DESIGN USING ADOBE PHOTOSHOP				
Graphic Design and Multimedia Arts				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	AV1002	Principles of Arts, AV Technology, & Communications	9-10	1.0
2	AVG202	Graphic Design and Illustration I	10-12	1.0
2	AVG302	Animation I	10-12	1.0
3	AVG402	Animation II	11-12	1.0
4	ABG602	Practicum in Animation (New 25-26)	11-12	2.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: ADOBE CERTIFIED PROFESSIONAL IN VISUAL DESIGN USING ADOBE PHOTOSHOP and/or ADOBE CERTIFIED PROFESSIONAL IN DIGITAL VIDEO USING PREMIERE PRO				

AV1002

PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS (AAVTC)

Placement: 9-10

Prerequisite(s): none

Credits: 1.0

The goal of this course is that the student understands arts, audio/video technology, and communications systems. 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.

AVG202

GRAPHIC DESIGN AND ILLUSTRATION I

Placement: 10-12

Prerequisite(s): Principles of AAVTC

Credits: 1.0

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 industry with a focus on fundamental elements and principles of visual art and design.

AVG302

ANIMATION I

Placement: 10-12

Prerequisite(s): Principles of AAVTC

Credits: 1.0

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.

AVG402

ANIMATION II

Placement: 11-12

Prerequisite(s): Animation I**Credits: 1.0**

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.

AVP202**AUDIO/VIDEO PRODUCTION I****Placement: 10-12****Prerequisite(s): Principles of AAVTC****Credits: 1.0**

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 industry with a focus on pre-production, production, and post-production audio and video products.

AVP302**AUDIO/VIDEO PRODUCTION II****Placement: 10-12****Prerequisite(s): Audio/Video Production I****Credits: 1.0**

Building upon the concepts taught in Audio/Video Production, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. This course may be implemented in an audio format or a format with both audio and video.

AVP402**PRACTICUM AUDIO/VIDEO PRODUCTION****Placement: 11-12****Prerequisite(s): Audio/Video Production II****Credits: 2.0**

Building upon the concepts taught in Audio/Video Production II, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster®, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video products in a professional environment. This course may be implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

AVG602**PRACTICUM IN ANIMATION****Placement: 11-12****Prerequisite(s): Animation II****Credits: 2.0**

Building upon the concepts taught in Animation II and its corequisite Animation II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster®, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production animation products in a professional environment. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

BUSINESS, MARKETING, AND FINANCE

Accounting & Financial Services				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	BU1002	Principles of Business, Marketing, & Finance	9-10	1.0
1	BU1102	Business Information Management I	10-12	1.0
2	BUA303	Accounting I	10-12	1.0
3	BUA403	Accounting II	11-12	1.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: INTUIT QUICKBOOKS CERTIFIED USER				
Business Management				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	BU1002	Principles of Business, Marketing, & Finance	9-10	1.0
1	BU1102	Business Information Management I	10-12	1.0
2	BUB202	Business Information Management II	10-12	1.0
3	BUB302	Business Management	10-12	1.0
4	MA6002	Statistics & Business Decision Making	11-12	1.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: MICROSOFT OFFICE EXPERT - WORD / EXCEL				
Entrepreneurship				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	BU1002	Principles of Business, Marketing, & Finance	9-10	1.0
1	BU1102	Business Information Management I	10-12	1.0
2	BUE202	Entrepreneurship I	10-12	1.0
3	BUE302	Entrepreneurship II (New 25-26)	11-12	1.0
4	MA6002	Statistics & Business Decision Making	11-12	1.0
4	BUE402	Practicum in Entrepreneurship (Offered 26-27)	11-12	2.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: ENTREPRENEURSHIP & SMALL BUSINESS				
Marketing & Sales				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	BU1002	Principles of Business, Marketing, & Finance	9-10	1.0
2	BUM212	Sports & Entertainment Marketing	10-11	0.5
2	BUE202	Entrepreneurship I	10-12	1.0
3	BUM312	Social Media Marketing	10-12	0.5
3	BUM302	Retail Management	10-12	1.0
4	MA6002	Statistics & Business Decision Making	11-12	1.0
4	BUE402	Practicum in Entrepreneurship (Offered 26-27)	11-12	2.0
	CP3102	Career Preparation I	11-12	3.0

BU1002**PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE (BMF)****Placement: 9-10****Prerequisite(s): none****Credits: 1.0**

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance.

BU1102**BUSINESS INFORMATION MANAGEMENT I****Placement: 10-12****Prerequisite(s): Principles of BMF****Credits: 1.0**

In Business Information Management I, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

BUA303**ACCOUNTING I****Placement: 10-12****Prerequisite(s): Principles of BMF****Credits: 1.0**

In Accounting I, students will investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students will formulate and interpret financial information for use in management decision making. Accounting includes such activities as bookkeeping, systems design, analysis, and interpretation of accounting information.

BUA403**ACCOUNTING II****Placement: 11-12****Prerequisite(s): Accounting I****Credits: 1.0**

In Accounting II, students will continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in various managerial, financial, and operational accounting activities. Students will formulate, interpret, and communicate financial information for use in management decision making. Students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources. *Note: This course satisfies a math credit requirement for students on the Foundation High School Program.*

BUB202**BUSINESS INFORMATION MANAGEMENT II****Placement: 11-12****Prerequisite(s): Business Information Management I****Credits: 1.0**

In Business Information Management II, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software.

BUB302**BUSINESS MANAGEMENT****Placement: 10-12****Prerequisite(s): Principles of BMF****Credits: 1.0**

Business Management is designed to familiarize students with the concepts related to business management as well as the functions of management, including planning, organizing, staffing, leading, and controlling. Students will also demonstrate interpersonal and project-management skills.

BUE202**ENTREPRENEURSHIP I****Placement: 10-12****Prerequisite(s): Principles of BMF****Credits: 1.0**

In Entrepreneurship I, students will gain the knowledge and skills needed to become an entrepreneur. Students will learn the key concepts necessary to begin and operate a business. The primary focus of the course is to help students identify the types of business structures, understand the components of a business plan, determine feasibility of an idea using research, and develop and present a business concept. In addition, students will understand the basics of management, accounting, finance, marketing, risk, and product development.

BUE302**ENTREPRENEURSHIP II****Placement: 11-12****Prerequisite(s): Entrepreneurship I****Credits: 1.0**

In Entrepreneurship II, students gain the knowledge and skills needed to become successful entrepreneurs within an innovative marketplace. The goal and outcome of the course are for students to have a business launched by the end of the course or have the tools necessary to launch and operate a business. In this course, students learn and initiate the process of taking a business plan from idea to implementation. Students are encouraged to work in close cooperation with local industry leaders and community members to develop ideas and objectives, complete a business planning tool, pitch for funding, and register with governmental agencies.

BUE402**PRACTICUM IN ENTREPRENEURSHIP****Placement: 11-12****Prerequisite(s): Entrepreneurship II****Credits: 2.0**

Practicum in Entrepreneurship provides students the opportunity to apply classroom learning and experiences to real-world business problems and opportunities while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students will prepare for an entrepreneurial career in their area of interest in their career cluster and build on and apply the knowledge and skills gained from courses taken in an array of career areas. Practicum experiences occur in a paid or an unpaid arrangement and a variety of locations appropriate to the nature and level of the student's need for work-based learning experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. It is recommended that students are paired with local business owners or employers in their specific industry program of study.

BUM212**SPORTS & ENTERTAINMENT MARKETING****Placement: 10-11****Prerequisite(s): Principles of BMF****Credits: 0.5**

Sports and Entertainment Marketing will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and entertainment. The areas this course will cover include basic marketing concepts, publicity, sponsorship, endorsements, licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies.

BUM312**SOCIAL MEDIA MARKETING****Placement: 10-12****Prerequisite(s): Principles of BMF****Credits: 0.5**

Social Media Marketing is designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understand techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts.

BUM302**RETAIL MANAGEMENT****Placement: 10-12****Prerequisite(s): Principles of BMF****Credits: 1.0**

Retail management focuses on the distribution and selling of products to consumers using various vending points such as chain stores, department stores, stand-alone stores, and various online markets. The course highlights the everyday mechanisms necessary to operate a successful retail establishment. The student is taught to evaluate methods for promoting merchandise, supervising employees, handling customer needs, and maintaining inventories.

MA6002**STATISTICS AND BUSINESS DECISION MAKING****Placement: 11-12****Prerequisite(s): Algebra II or Advanced Algebra II; Geometry****Credits: 1.0**

Statistics and Business Decision Making is an introduction to statistics and the application of statistics to business decision making. Students will use statistics to make business decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid. *Note: This course satisfies a math credit requirement for students on the Foundation High School Program.*

EDUCATION AND TRAINING

Teaching & Training				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	ED1002	Principles of Education & Training	9-10	1.0
2	ED2002	Communication & Technology in Education (Recommended)	10-12	1.0
2	HU2002	Human Growth & Development	10-12	1.0
3	ED3002	Instructional Practices^	11-12	2.0
4	ED4002	Practicum in Education & Training^	12	2.0
4	ED5002	Practicum in Education & Training^	12	3.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: EDUCATIONAL AIDE I				

ED1002

PRINCIPLES OF EDUCATION & TRAINING (EDU)

Placement: 9-10

Prerequisite(s): none

Credits: 1.0

Principles of Education and Training is designed to introduce learners to the various careers available within the Education and Training Career Cluster. Students use self- knowledge as well as educational and career information to analyze various careers within the Education and Training Career Cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

ED2002

COMMUNICATION & TECHNOLOGY IN EDUCATION

Placement: 10-12

Prerequisite(s): Principles of EDU

Credits: 1.0

Communication and Technology in Education is an extended course of study designed to provide students with the fundamentals of planning, managing and training services needed to provide learning support services in K-12 classrooms. Students will develop knowledge and skills regarding the professional, ethical, and legal responsibilities in teaching related to educational technology; as well as, understand laws and pedagogical justifications regarding classroom technology use. This course provides an opportunity for students to participate in training related to Google for Education, Microsoft Office Fundamentals, Common Sense Media and Digital Citizenship as they relate to standards set by the International Society for Technology in Education (ISTE).

HU2502

HUMAN GROWTH & DEVELOPMENT

Placement: 10-12

Prerequisite(s): Principles of EDU or Principles of Human Services

Credits: 1.0

Human Growth and Development is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

ED3002

INSTRUCTIONAL PRACTICES^

Placement: 11-12

Prerequisite(s): Principles of EDU

Credits: 2.0

Instructional Practices is a field-based (practicum) internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators or trainers in direct instructional roles with elementary-,

middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel.

ED4002

PRACTICUM IN EDUCATION & TRAINING^

Placement: 12

Prerequisite(s): Instructional Practices

Credits: 2.0

Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel.

CLEBURNE CTE DUAL CREDIT COURSES

ED3024 (Spring)

INSTRUCTIONAL PRACTICES^

Placement: 11-12

Prerequisite(s): Principles of EDU

Credits: 1.0

Hill College Course: EDUC 1301 - Intro to Teaching (3 sem. hrs) - Spring Semester

Instructional Practices is a field-based (practicum) internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel.

ED4024 (Spring)

PRACTICUM IN EDUCATION & TRAINING^

Placement: 12

Prerequisite(s): Instructional Practices

Credits: 1.0

Hill College Course: EDUC 2301 - Intro to Special Populations (3 sem. hrs) - Spring Semester

Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel.

ENGINEERING

Engineering Foundations				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	EN1002	Principles of Applied Engineering	9-10	1.0
3	EN2002	Engineering Design & Presentation I	10-12	1.0
4	EN3002	Engineering Design & Presentation II	11-12	2.0
4	SC4903	Engineering Design & Problem Solving	11-12	1.0
IBC: ENGINEERING TECHNOLOGY FOUNDATIONS				

EN1002

PRINCIPLES OF APPLIED ENGINEERING

Placement: 9-10

Prerequisite(s): none

Credits: 1.0

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will understand the various fields of engineering and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

EN2002

ENGINEERING DESIGN AND PRESENTATION I

Placement: 10-12

Prerequisite(s): Algebra I; Principles of Applied Engineering

Credits: 1.0

Engineering Design and Presentation I is a continuation of knowledge and skills learned in Principles of Applied Engineering. Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Additionally, students explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in these areas.

EN3002

ENGINEERING DESIGN AND PRESENTATION II

Placement: 11-12

Prerequisite(s): Engineering Design and Presentation I, Algebra I, and Geometry

Credits: 2.0

Engineering Design and Presentation II is a continuation of knowledge and skills learned in Engineering Design and Presentation I. Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Emphasis will be placed on using skills from ideation through prototyping.

SC4903

ENGINEERING DESIGN AND PROBLEM SOLVING

Placement: 11-12

Prerequisite(s): Engineering Design and Presentation II, Algebra I, and Geometry

Credits: 1.0

The Engineering Design and Problem Solving course is the creative process of solving problems by identifying needs and then devising solutions. The solution may be a product, technique, structure, or process depending on the problem. Science aims to understand the natural world, while engineering seeks to shape this world to meet human needs and wants. Engineering design takes into consideration limiting factors or "design under constraint." Various engineering disciplines address a broad spectrum of design problems using specific concepts from the sciences and mathematics to derive a solution. The design process and problem solving are inherent to all engineering disciplines. *Note: This course satisfies a science credit requirement for students on the Foundation High School Program.*

HEALTH SCIENCE

Diagnostic & Therapeutic Services				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	HE1002	Principles of Health Science	9-10	1.0
2	HE2002	Medical Terminology	10-11	1.0
3	SC4003	Anatomy & Physiology [^]	10-12	1.0
3	HE2102	Health Science Theory	10-12	1.0
3	HE3002	Health Science Theory/Health Science Clinical (EKG Technician)	10-12	2.0
4	HEP302	Pharmacology	11-12	1.0
4	HEC402	Practicum in Health Science - Certified Nurse Aide	12	2.0
4	HED402	Practicum in Health Science - Registered Dental Assistant	12	2.0
4	HEP402	Practicum in Health Science - Pharmacy Technician	12	2.0
IBC: CERTIFIED NURSE AIDE, PHARMACY TECHNICIAN, REGISTERED DENTAL ASSISTANT, EKG TECHNICIAN				

HE1002

PRINCIPLES OF HEALTH SCIENCE (HS)

Placement: 9-10

Prerequisite(s): none

Credits: 1.0

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.

HE2002

MEDICAL TERMINOLOGY

Placement: 10-12

Prerequisite(s): Principles of HS

Credits: 1.0

The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

HE2102

HEALTH SCIENCE THEORY

Placement: 10-12

Prerequisite(s): Principles of HS, Biology, and Informational Sheet Required

Credits: 1.0

The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.

HE3002

HEALTH SCIENCE THEORY / HEALTH SCIENCE CLINICAL (Hospital Rotations)

Placement: 10-12

Prerequisite(s): Principles of HS, Biology, and Informational Sheet Required

Credits: 2.0

The Health Science Clinical course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.

HEC402

PRACTICUM IN HEALTH SCIENCE: CNA PROGRAM

Placement: 12

Prerequisite(s): Health Science Theory; Biology; Informational Sheet Required

Credits: 2.0

The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level

of experience. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

HED402

PRACTICUM IN HEALTH SCIENCE: DENTAL ASSISTANT

Placement: 12

Prerequisite(s): Health Science Theory; Biology; Informational Sheet Required

Credits: 2.0

The dental assistant practicum course will provide students the opportunity to learn all aspects of dentistry, preparing them to take the "Registered Dental Assistants" certification. Students will learn dental terminology, dental diseases, dental anatomy, and instrumentation. The course will also focus on infection control, sterilization techniques, and laboratory procedures. Students will learn the fundamentals of running a successful dental office, four handed dentistry, and tub and tray delivery systems. The dental careers program will focus primarily on dental assisting, but will also explore different career options related to the dental field including dentists, dental hygienists, and laboratory technicians.

HEP302

PHARMACOLOGY

Placement: 11-12

Prerequisite(s): Biology; Chemistry; Principles in HS

Credits: 1.0

The Pharmacology course is designed to study how natural and synthetic chemical agents such as drugs affect biological systems. Knowledge of the properties of therapeutic agents is vital in providing quality health care. It is an ever-changing, growing body of information that continually demands greater amounts of time and education from health care workers.

HEP402

PRACTICUM IN HEALTH SCIENCE: PHARMACY TECHNICIAN

Placement: 12

Prerequisite(s): Health Science Theory; Biology; Pharmacology; Informational Sheet Required

Credits: 2.0

The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

SC4003

ANATOMY AND PHYSIOLOGY

Placement: 11-12

Prerequisite(s): Biology, Additional science credit

Credits: 1.0

The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. *Note: This course satisfies a science credit requirement for students on the Foundation High School Program.*

CLEBURNE CTE DUAL CREDIT COURSES

SC4014 (Fall)

SC4024 (Spring)

ANATOMY AND PHYSIOLOGY^

Placement: 11-12

Prerequisite(s): TSI Assessment

Credits: 1.0

Hill College Course: BIOL 2401 - Anatomy & Physiology I (4 sem. hrs) - Fall course w/ lab

BIOL 2402 - Anatomy & Physiology II (4 sem. hrs) - Spring course w/ lab

The fall course is a study of the structure and function of the human body including cells, tissues and organs of the following systems: integumentary, skeletal, muscular, nervous and special senses. Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. The lab provides a hands-on learning experience for exploration of human system components and basic physiology. Systems to be

studied include integumentary, skeletal, muscular, nervous, and special senses. The spring course is a study of the structure and function of the human body including the following systems: endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. The lab provides a hands-on learning experience for exploration of human system components and basic physiology. Systems to be studied include endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). This is a regular college-level biology course in which dual credit will be awarded for college biology and high school Anatomy & Physiology. The student will receive 4 hours college credit and 1/2 high school credit for successfully completing each term. Students will attend Hill College classes on CHS campus.

HOSPITALITY AND TOURISM

Culinary Arts				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	HO1002	Introduction to Culinary	9-10	1.0
2	HO2002	Culinary Arts I	10-12	2.0
2	BUE202	Entrepreneurship I	10-12	1.0
3	HO3002	Advanced Culinary Arts	10-12	2.0
4	SC4802	Food Science	11-12	1.0
4	HO4002	Practicum/Extended Practicum in Culinary Arts I	11-12	3.0
4	HO5002	Practicum/Extended Practicum in Culinary Arts II	11-12	3.0
4	BUE402	Practicum in Entrepreneurship (Offered 26-27)	11-12	2.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: CULINARY MEAT SELECTION & COOKERY CERTIFICATION, FOOD SAFETY & SCIENCE CERTIFICATION, AND/OR SERVSAFE MANAGER				

HO1002

INTRODUCTION TO CULINARY ARTS

Placement: 9-10

Prerequisite(s): none

Credits: 1.0

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

HO2002

CULINARY ARTS

Placement: 10-12

Prerequisite(s): Introduction to Culinary Arts

Credits: 2.0

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.

HO3002

ADVANCED CULINARY ARTS

Placement: 10-12

Prerequisite(s): Culinary Arts

Credit: 2.0

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

HO4002

PRACTICUM IN CULINARY ARTS (first time taken)

Placement: 11-12

Prerequisite(s): Culinary Arts

Credits: 3.0

Practicum in Culinary Arts I is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Extended Practicum in Culinary Arts integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions, with the goal of further enhancing the knowledge, skills, and industry based experiences that students receive through workplace application. This course can be taken two times.

HO5002**PRACTICUM IN CULINARY ARTS (second time taken)****Placement: 12****Prerequisite(s): Culinary Arts****Credits: 3.0**

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

SC4802**FOOD SCIENCE****Placement: 11-12****Prerequisite(s): 3 Science credits including biology and chemistry; Culinary Arts****Credits: 1.0**

In Food Science students conduct laboratory and field investigations, use scientific methods 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, the principles underlying food processing, and the improvement of foods for the consuming public. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

BUE202**ENTREPRENEURSHIP I****Placement: 10-12****Prerequisite(s): Principles of BMF****Credits: 1.0**

In Entrepreneurship I, students will gain the knowledge and skills needed to become an entrepreneur. Students will learn the key concepts necessary to begin and operate a business. The primary focus of the course is to help students identify the types of business structures, understand the components of a business plan, determine feasibility of an idea using research, and develop and present a business concept. In addition, students will understand the basics of management, accounting, finance, marketing, risk, and product development.

BUE402**PRACTICUM IN ENTREPRENEURSHIP****Placement: 11-12****Prerequisite(s): Entrepreneurship II****Credits: 2.0**

Practicum in Entrepreneurship provides students the opportunity to apply classroom learning and experiences to real-world business problems and opportunities while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students will prepare for an entrepreneurial career in their area of interest in their career cluster and build on and apply the knowledge and skills gained from courses taken in an array of career areas. Practicum experiences occur in a paid or an unpaid arrangement and a variety of locations appropriate to the nature and level of the student's need for work-based learning experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. It is recommended that students are paired with local business owners or employers in their specific industry program of study.

HUMAN SERVICES

*Cosmetology				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	BU1002	Principles of Business, Finance, & Marketing (recommended, not in program of study)	9-10	1.0
2	BUE202	Entrepreneurship I (recommended, not in program of study)	10-12	1.0
3	CO3014	*Intro to Cosmetology^ Fall (take concurrently with CO3114)	11-12	0.5
3	CO3024	*Intro to Cosmetology^ Spring (take concurrently with CO3124)	11-12	0.5
3	CO3114	*Cosmetology I / Lab^ Fall (take concurrently with CO3014)	11-12	1.0
3	CO3124	*Cosmetology I / Lab^ Spring (take concurrently with CO3024)	11-12	1.0
4	CO4014	*Cosmetology II / Lab^ Fall	12	1.5
4	CO4024	*Cosmetology II / Lab^ Spring	12	1.5
IBC: COSMETOLOGY OPERATOR'S LICENSE				
Family & Community Services				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	HU1102	Principles of Community Services	9-10	1.0
2	HU2002	Human Growth & Development	10-12	1.0
2	BUE202	Entrepreneurship I	10	1.0
3	HU3002	Family & Community Services	12	1.0
3	HU3102	Counseling and Mental Health	11-12	1.0
4	HU4002	Practicum in Human Services I	11-12	2.0
4	HU5002	Practicum in Human Services II	11-12	2.0
4	BUE402	Practicum in Entrepreneurship	11-12	2.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: COMMUNITY HEALTH WORKERS				
Health & Wellness				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	HU1102	Principles of Community Services	9-10	1.0
2	HU2002	Human Growth & Development	10-12	1.0
3	HU3002	Family & Community Services	12	1.0
3	HU3102	Counseling and Mental Health	11-12	1.0
4	HU4002	Practicum in Human Services I	11-12	2.0
4	HU5002	Practicum in Human Services II	11-12	2.0
4	SC4802	Food Science	11-12	1.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: COMMUNITY HEALTH WORKERS				

HU1102

PRINCIPLES OF COMMUNITY SERVICES

Placement: 9-10

Prerequisite(s): none

Credits: 1.0

The purpose of this course is to introduce high school students to the field of non- profits/community service, as well as explore career options that assist individuals and families in need. The students will work to understand

policies, design community service plans, and develop a portfolio of different community and state resources. Students will also be encouraged to job shadow, volunteer for community service-based experiences, and participate in service-learning opportunities.

HU2002

HUMAN GROWTH AND DEVELOPMENT

Placement: 10-12

Prerequisite(s): Principles of Community Service

Credits: 1.0

Human Growth and Development is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

HU3002

FAMILY AND COMMUNITY SERVICES

Placement: 10-12

Prerequisite(s): Principles of Community Service

Credits: 1.0

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.

HU3102

COUNSELING AND MENTAL HEALTH

Placement: 11-12

Prerequisite(s): Principles of Community Service

Credits: 1.0

In Counseling and Mental Health, students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations on their actions and responsibilities, and the implications of their actions. Students understand how professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.

HU4002

PRACTICUM IN HUMAN SERVICES (first time taken)

Placement: 11-12

Prerequisite(s): Principles of Community Service

Credits: 2.0

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.

HU5002

PRACTICUM IN HUMAN SERVICES (second time taken)

Placement: 12

Prerequisite(s): Principles of Community Service

Credits: 2.0

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.

BU1002**PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE (BMF)****Placement: 9-10****Prerequisite(s): none****Credits: 1.0**

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, the marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance.

BUE202**ENTREPRENEURSHIP I****Placement: 10-12****Prerequisite(s): Principles of BMF****Credits: 1.0**

In Entrepreneurship I, students will gain the knowledge and skills needed to become an entrepreneur. Students will learn the key concepts necessary to begin and operate a business. The primary focus of the course is to help students identify the types of business structures, understand the components of a business plan, determine feasibility of an idea using research, and develop and present a business concept. In addition, students will understand the basics of management, accounting, finance, marketing, risk, and product development.

BUE402**PRACTICUM IN ENTREPRENEURSHIP****Placement: 11-12****Prerequisite(s): Entrepreneurship I****Credits: 2.0**

Practicum in Entrepreneurship provides students the opportunity to apply classroom learning and experiences to real-world business problems and opportunities while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students will prepare for an entrepreneurial career in their area of interest in their career cluster and build on and apply the knowledge and skills gained from courses taken in an array of career areas. Practicum experiences occur in a paid or an unpaid arrangement and a variety of locations appropriate to the nature and level of the student's need for work-based learning experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. It is recommended that students are paired with local business owners or employers in their specific industry program of study.

SC4802**FOOD SCIENCE****Placement: 11-12****Prerequisite(s): 3 Science credits including biology and chemistry; Culinary Arts****Credits: 1.0**

In Food Science students conduct laboratory and field investigations, use scientific methods 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, the principles underlying food processing, and the improvement of foods for the consuming public. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

***CLEBURNE CTE DUAL CREDIT COURSES**

Cleburne High School Cosmetology program is taught in conjunction with Hill College. Students must be a junior to enroll in the level 3 and level 4 Cosmetology courses and will attend Hill College classes on the Johnson County Hill College campus. Fees for college courses are determined by a cost sharing agreement between the student, Cleburne ISD, and Hill College.

CO3014 (Fall)

CO3024 (Spring)

INTRODUCTION TO COSMETOLOGY I

Placement: 11-12

Prerequisite(s): Principles of Community Service

Credits: 1.0

Co-requisite: Must be taken concurrently with Cosmetology I / Lab (CO3114 & CO3124)

In Introduction to Cosmetology, students explore careers in the cosmetology industry. To prepare for success, students must have academic and technical knowledge and skills relative to the industry. Students may begin to earn hours toward state licensing requirements. This is a regular college-level course in which dual credit will be awarded for college and high school. The student will receive 4 hours college credit and 1 high school credit for successfully completing the course. Students will attend Hill College classes on Hill College campus. This course meets the high school graduation requirement.

CO3114 (Fall)

CO3124 (Spring)

COSMETOLOGY I / LAB

Placement: 11-12

Prerequisite(s): Principles of Community Service

Credits: 2.0

Co-requisite: Must be taken concurrently with Introduction to Cosmetology (CO3014 & CO3024)

In this course, students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation (TDLR) requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included. This is a regular college-level course in which dual credit will be awarded for college and high school. The student will receive 8 hours college credit and 2 high school credits for successfully completing the course. Students will attend Hill College classes on Hill College campus. This course meets the high school graduation requirement.

CO4014 (Fall)

CO4024 (Spring)

COSMETOLOGY II / LAB

Placement: 12

Prerequisite: Introduction to Cosmetology; Cosmetology I /Lab

Credits: 3.0

This course is designed to provide the occupational skills required for licensure. Instruction includes advanced training in professional standards/employability skills; Texas Department of Licensing and Regulation (TDLR) rules and regulations; use of tools, equipment, technologies and materials; and practical skills. This is a regular college-level course in which dual credit will be awarded for college and high school. The student will receive 9 hours college credit and 3 high school credits for successfully completing the course. Students will attend Hill College classes on Hill College campus. This course meets the high school graduation requirement.

INFORMATION TECHNOLOGY

Cybersecurity				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	IN1002	Principles of Information Technology	9-10	1.0
2	IN2002	Computer Maintenance/Lab	10-12	2.0
3	IN3402	Networking/Lab^	10-12	2.0
4	IN4002	Cybersecurity Capstone	11	1.0
IBC: COMPTIA SECURITY+, COMPTIA A+ AND/OR COMPTIA NETWORK+				
Information Technology Support & Services				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	IN1002	Principles of Information Technology	9-10	1.0
2	IN2002	Computer Maintenance/Lab	10-12	2.0
3	IN3002	Computer Technician Practicum^	10-12	2.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: COMPTIA A+ AND/OR COMPTIA IT FUNDAMENTALS+				
Networking Systems				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	IN1002	Principles of Information Technology	9-10	1.0
2	IN2002	Computer Maintenance/Lab	10-12	2.0
2	CS2003	AP Computer Science Principles	10-12	1.0
3	IN3402	Networking/Lab^	10-12	2.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: COMPTIA A+ AND/OR COMPTIA NETWORK+				
Programming & Software Development				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	IN1002	Principles of Information Technology	9-10	1.0
2	CS2003	AP Computer Science Principles	9-12	1.0
3	CS1003	AP Computer Science A-Math	11-12	1.0
3	CS1003	AP Computer Science B-LOTE	11-12	1.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: CERTIFIED ENTRY LEVEL PYTHON PROGRAMMER				

CS1003

AP COMPUTER SCIENCE A

Prerequisite: AP Computer Science Principles, Algebra II

AP Computer Science A introduces students to computer science through programming. Fundamental topics include the design of solutions to problems & the use of data structures to organize information. Students will foster

Placement: 11-12

Credits: 2.0

their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts. *Students may count this course as a foreign language credit upon successful completion of AP Computer Science Principles & AP Computer Science A.*

CS2003

AP COMPUTER SCIENCE PRINCIPLES

Placement: 9-12

Prerequisite(s): Algebra I

Credits: 1.0

Fundamentals of Computer Science is intended as a first course for those students just beginning the study of computer science. Students will learn about the computing tools that are used every day. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts. *Students may count this course as a foreign language credit if they take & pass the course & also take & pass AP Computer Science A.*

IN1002

PRINCIPLES OF INFORMATION TECHNOLOGY (IT)

Placement: 9-10

Prerequisite(s): none

Credits: 1.0

In Principles of Information Technology, students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

CS2003

AP COMPUTER SCIENCE PRINCIPLES

Placement: 10-12

Prerequisite: Algebra I

Credits: 1.0

Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts. Students may count this course as a foreign language credit if they take & pass the course & also take & pass AP Computer Science A.

IN2002

COMPUTER MAINTENANCE / LAB

Placement: 10-12

Prerequisite(s): Principles of IT

Credits: 2.0

In Computer Maintenance, students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging technologies.

IN3002

COMPUTER TECHNICIAN PRACTICUM^

Placement: 10-12

Prerequisite(s): Principles of IT; Computer Maintenance Lab

Credits: 2.0

In the Computer Technician Practicum, students will gain knowledge and skills in computer technologies, including advanced knowledge of electrical and electronic theory, computer principles, and components related to the installation, diagnosis, service, and repair of computer-based technology systems. Students will reinforce, apply, and transfer their knowledge and skills to a variety of settings and problems. Proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an instructor, with an industry mentor, or both.

IN3402

NETWORKING / LAB^

Placement: 10-12

Prerequisite(s): Principles of IT; Computer Maintenance Lab

Credits: 2.0

In Networking Lab, students will develop knowledge of the concepts and skills related to telecommunications and data networking technologies and practices to apply them to personal or career development. To prepare for success, students must have the opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

IN4002

CYBERSECURITY CAPSTONE

Placement: 11

Prerequisite(s): Computer Maintenance Lab or Computer Technician Practicum

Credits: 1.0

In the Cybersecurity Capstone course, students will develop the knowledge and skills needed to explore advanced concepts related to the ethics, laws, and operations of cybersecurity. Students will examine trends and operations of cyberattacks, threats, and vulnerabilities. Students will develop security policies to mitigate risks. The skills obtained in this course prepare students for additional study toward industry certification. A variety of courses are available to students interested in the cybersecurity field. Cybersecurity Capstone may serve as a culminating course in this field of study.

CLEBURNE CTE DUAL CREDIT COURSES

IN3024

COMPUTER TECHNICIAN PRACTICUM^

Placement: 10-12

Prerequisite(s): Principles of IT; Computer Maintenance Lab

Credits: 2.0

Hill College Corresponding Course: ITSC 1325 – Personal Computer Hardware

This is a regular college-level course in which dual credit will be awarded for college and high school. The student will receive 4 hours college credit and 1 high school credit for successfully completing the course. Students will attend classes on CHS campus. This course meets the high school graduation requirement.

IN3402

NETWORKING / LAB^

Placement: 10-12

Prerequisite(s): Principles of IT; Computer Maintenance Lab

Credits: 2.0

Hill College corresponding college credit: ITNW 1358 – Networking +

This is a regular college-level course in which dual credit will be awarded for college and high school. The student will receive 3 hours college credit and 1 high school credit for successfully completing the course. Students will attend classes on CHS campus. This course meets the high school graduation requirement.

LAW AND PUBLIC SERVICE

Law Enforcement				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	LW1002	Principles of Law, Public Safety, Corrections, and Security	9-10	1.0
2	LW2102	Criminal Investigations	10-12	1.0
3	LW3102	Correctional Service^	10-12	1.0
3	LW3002	Law Enforcement II^	10-12	1.0
3	HU3102	Counseling & Mental Health	11-12	1.0
4	SC4503	Forensic Science	11-12	1.0
4	LW4002	Practicum in Law, Public Safety, Corrections, and Security	11-12	2.0
IBC: NON-COMMISSIONED SECURITY OFFICER LEVEL II LICENSE AND/OR IAED EMERGENCY TELECOMMUNICATOR				

LW1002

PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY (LAW)

Placement: 9-10

Prerequisite(s): none

Credits: 1.0

Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, protective services, corrections, firefighting, and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, protective services, and corrections.

LW2102

CRIMINAL INVESTIGATIONS

Placement: 10-12

Prerequisite(s): Principles of LAW

Credits: 1.0

Criminal Investigation is a course that introduces students to the profession of criminal investigations. Students will understand basic functions of criminal investigations and procedures and will learn how to investigate or follow up during investigations. Students will learn terminology and investigative procedures related to criminal investigation, crime scene processing, evidence collection, fingerprinting, and courtroom presentation. Through case studies and simulated crime scenes, students will collect and analyze evidence such as fingerprint analysis, bodily fluids, hairs, fibers, shoe and tire impressions, bite marks, drugs, tool marks, firearms and ammunition, blood spatter, digital evidence, and other types of evidence.

LW3002

LAW ENFORCEMENT II^

Placement: 10-12

Prerequisite(s): Law Enforcement I

Credits: 1.0

Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. Students will understand the ethical and legal responsibilities, patrol procedures, first responder roles, telecommunications, emergency equipment operations, and courtroom testimony.

LW4002

PRACTICUM IN LAW AND PUBLIC SAFETY

Placement: 11-12

Prerequisite(s): Law Enforcement II

Credits: 3.0

The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

HU3102**COUNSELING AND MENTAL HEALTH****Placement: 11-12****Prerequisite(s): Principles of Community Service or Law Enforcement I****Credits: 1.0**

In Counseling and Mental Health, students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations on their actions and responsibilities, and the implications of their actions. Students understand how professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.

SC4503**FORENSIC SCIENCE****Placement: 11-12****Prerequisite(s): Biology; Chemistry****Credits: 1.0****Recommended Prerequisite: Principles of LAW**

Forensic Science is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using scientific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, and cartridge cases. Students will also learn the history and the legal aspects as they relate to each discipline of forensic science and understand that scientific methods of investigation can be experimental, descriptive, or comparative. *Note: This course satisfies a science credit requirement for students on the Foundation High School Program.*

MANUFACTURING

Manufacturing Technology				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	MN1002	Principles of Manufacturing (Recommended)	9-10	1.0
1	EN1002	Principles of Applied Engineering	9-10	1.0
2	MN2002	Diversified Manufacturing I	10-12	1.0
3	MN3002	Diversified Manufacturing II	11-12	1.0
4	MN4002	Practicum in Manufacturing	12	2.0
IBC: C-101 CERTIFIED INDUSTRY 4.0 ASSOCIATE - BASIC OPERATIONS				

MN1002

PRINCIPLES OF MANUFACTURING

Placement: 9-10

Prerequisite(s): none

Credits: 1.0

Students are introduced to knowledge and skills used in the proper application of principles of manufacturing. The study of manufacturing technology allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities. Students will gain an understanding of what employers require to gain and maintain employment in manufacturing careers.

MN2002

DIVERSIFIED MANUFACTURING I

Placement: 10-12

Prerequisite(s): Principles of Manufacturing or Principles of Applied Engineering

Credits: 1.0

Recommended Prerequisite: Algebra I

Students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. The study of manufacturing systems allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting. Diversified Manufacturing I allows students the opportunity to understand the process of mass production by using a wide variety of materials and manufacturing techniques.

MN3002

DIVERSIFIED MANUFACTURING II

Placement: 11-12

Prerequisite(s): Diversified Manufacturing I

Credits: 1.0

Students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. The study of manufacturing systems allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting. Diversified Manufacturing II allows students the opportunity to understand the process of mass production by using a wide variety of materials and manufacturing techniques.

MN4002

PRACTICUM IN MANUFACTURING

Placement: 12

Prerequisite(s): Diversified Manufacturing II

Credits: 2.0

The course is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

*Automotive & Collision Repair				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	TR1002	Principles of Transportation Systems	9-10	1.0
2	TR2002	Diesel Equipment Technology I (recommended, not in program of study)	10-12	2.0
2	TRA314	*Automotive Basics^ Fall (take concurrently with TRA414)	11-12	0.5
2	TRA324	*Automotive Basics^ Spring (take concurrently with TRA424)	11-12	0.5
3	TRA414	*Automotive Technology I^ Fall (take concurrently with TRA314)	11-12	1.0
3	TRA424	*Automotive Technology I^ Spring (take concurrently with TRA324)	11-12	1.0
4	TRA514	*Automotive Technology II/Lab^ Fall	12	1.5
4	TRA524	*Automotive Technology II/Lab^ Spring	12	1.5
4	BUE402	Practicum in Entrepreneurship (Offered in 26-27)	11-12	2.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: ASE ENTRY-LEVEL AUTOMOBILE CERTIFICATIONS (VARIOUS)				
Diesel & Heavy Equipment				
LEVEL	COURSE #	COURSE TITLE	GRADE	CREDIT
1	TR1002	Principles of Transportation Systems	9-10	1.0
2	TR2002	Diesel Equipment Technology I	10-12	2.0
3	TRD302	Diesel Equipment Technology II/Lab	11-12	2.0
4	TRD402	Practicum in Transportation Systems (1st year internship)	11-12	3.0
4	TRD502	Practicum in Transportation Systems (2nd year internship)	11-12	3.0
4	BUE402	Practicum in Entrepreneurship (Offered in 26-27)	11-12	2.0
4	CP3102	Career Preparation I	11-12	3.0
IBC: ASE REFRIGERANT RECOVERY AND RECYCLING				

TR1002

PRINCIPLES OF TRANSPORTATION SYSTEMS (TRANS)

Placement: 9-10

Prerequisite: none

Credits: 1.0

In Principles of Transportation Systems, students will gain knowledge and skills in the safe application, design, production, and assessment of products, services, and systems. This knowledge includes the history, laws and regulations, and common practices used in the transportation industry. Students should apply knowledge and skills in the application, design, and production of technology as it relates to the transportation industries. This course allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.

TR2002

DIESEL EQUIPMENT TECHNOLOGY I

Placement: 10-12

Prerequisite: Principles of TRANS

Credits: 2.0

Diesel Equipment Technology I includes knowledge of the function and maintenance of diesel systems. Rapid advances in diesel technology have created new career opportunities and demands in the transportation industry. This course provides the knowledge, skills, and technologies required for employment in transportation systems.

TRD302

DIESEL EQUIPMENT TECHNOLOGY II

Placement: 11-12

Prerequisite: Diesel Equipment Technology I**Credits: 2.0**

Diesel Equipment Technology II includes knowledge of the function, diagnosis, and service of diesel equipment systems. Rapid advances in diesel technology have created new career opportunities and demands in the transportation industry. This course provides the advanced knowledge, skills, and technologies required for employment in transportation systems

TRD402**PRACTICUM IN TRANSPORTATION SYSTEMS I****Placement: 11-12****Prerequisite: Diesel Equipment Technology I****Credits: 3.0**

Practicum in Transportation Systems 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 experience such as internships, mentorships, independent study, or laboratories. The Practicum can be either school lab based or worked based.

TRD502**PRACTICUM/EXTENDED PRACTICUM IN TRANSPORTATION SYSTEMS****Placement: 11-12****Prerequisite: Diesel Equipment Technology I****Credits: 3.0**

Extended Practicum in Transportation Systems 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 experience such as internships, mentorships, independent study, or laboratories. Extended Practicum in Transportation Systems can be either school lab based or worked based.

BUE402**PRACTICUM IN ENTREPRENEURSHIP****Placement: 11-12****Prerequisite(s): Entrepreneurship II****Credits: 2.0**

Practicum in Entrepreneurship provides students the opportunity to apply classroom learning and experiences to real-world business problems and opportunities while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students will prepare for an entrepreneurial career in their area of interest in their career cluster and build on and apply the knowledge and skills gained from courses taken in an array of career areas. Practicum experiences occur in a paid or an unpaid arrangement and a variety of locations appropriate to the nature and level of the student's need for work-based learning experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. It is recommended that students are paired with local business owners or employers in their specific industry program of study.

***CLEBURNE CTE DUAL CREDIT COURSES**

Cleburne High School Automotive program is taught in conjunction with Hill College. Students must be a junior to enroll in the level 3 and level 4 Automotive courses and will attend Hill College classes on the Johnson County Hill College Technical Center campus. Fees for college courses are determined by a cost sharing agreement between the student, Cleburne ISD, and Hill College.

TRA314 (Fall)**TRA324 (Spring)****AUTOMOTIVE BASICS****Placement: 11-12****Co-requisite: Must be taken concurrently with Automotive Technology I****Credits: 1.0**

Automotive Basics I includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Automotive Basics I includes applicable safety and environmental rules and regulations. In Automotive Basics I, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of

interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

TRA414 (Fall)

TRA424 (Spring)

AUTOMOTIVE TECHNOLOGY I: MAINT / LIGHT REPAIR

Placement: 11-12

Co-requisite: Must be taken concurrently with Automotive Basics

Credits: 2.0

This course includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course includes applicable safety and environmental rules and regulations. In Automotive Technology I: Maintenance and Light Repair, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability. This is a regular college-level course in which dual credit will be awarded for college and high school.

TRA514 (Fall)

TRA524 (Spring)

AUTOMOTIVE TECHNOLOGY II: AUTO SERVICE

Placement: 12

Prerequisite: Automotive Technology I

Credits: 2.0

Co-requisite: Must be taken concurrently with Advanced Transportation Systems Lab

This course includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Automotive Technology II: Automotive Service includes applicable safety and environmental rules and regulations. In this course, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability. This is a regular college-level course in which dual credit will be awarded for college and high school.

ADVANCED TRANSPORTATION SYSTEMS LAB

Placement: 12

Prerequisite: Automotive Technology I

Credits: 1.0

Co-requisite: Must be taken concurrently with Automotive Technology II

This course includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. Automotive Technology II: Automotive Service includes applicable safety and environmental rules and regulations. In this course, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability. This is a regular college-level course in which dual credit will be awarded for college and high school.



CLEBURNE INDEPENDENT SCHOOL DISTRICT **Career & Technical Education**

CAREER PREPARATION (WORK CO-OP)

12701300

CAREER PREPARATION I

Placement: 11-12

Prerequisite(s): Successful completion of a CTE Level 2 course or higher

Credits: 2.0

Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

CP3102

CAREER PREPARATION I / Extended Career Preparation

Placement: 12

Prerequisite(s): Successful completion of a CTE Level 2 course or higher

Credits: 3.0

Prerequisite: Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a Career Cluster related to the field in which the student will be employed.

Co-requisites: Career Preparation I.

Extended Career Preparation provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

12701400

CAREER PREPARATION II

Placement: 12

Prerequisite(s): Successful completion of a CTE Level 2 course or higher

Credits: 2.0

Prerequisite: Career Preparation I.

Career Preparation II develops essential knowledge and skills through advanced classroom instruction with business and industry employment experiences. Career Preparation II maintains relevance and rigor, supports student attainment of academic standards, and effectively prepares students for college and career success.

CP1405

CAREER PREPARATION II / Extended Career Preparation

Placement: 12

Prerequisite(s): Successful completion of a CTE Level 2 course or higher

Credits: 3.0

Prerequisite: Successful completion of one or more advanced career and technical education courses that are part of a coherent sequence of courses in a Career Cluster related to the field in which the student will be employed.

Co-requisites: Career Preparation II.

Extended Career Preparation provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

ENGLISH / LANGUAGE ARTS

ENGLISH I

Placement: 9

Prerequisite: None

Credits: 1

This course covers grammar, literature, composition, vocabulary development, and spelling. Development of reading skills, writing, and language concepts are stressed. Students focus on literary and informational pieces including plays, novels, and poetry and develop writing skills through multiple compositions.

ADVANCED ENGLISH I

Placement: 9

Prerequisite: None

Credits: 1

This course is for students who have demonstrated superior skills in the previous year and who are sufficiently motivated to accomplish challenging assignments. The course focuses on those skills necessary for successful college preparation such as literary vocabulary acquisition, text analysis, critical thinking skills, literary analysis, and advanced compositions. Students should have strong reading and writing skills. It is an in-depth study of literary and informational pieces such as poetry, plays, short stories and novels. This course will require several novels to be read during the year. Summer reading will be expected of all students.

ENGLISH II

Placement: 10

Prerequisite: English I

Credits: 1

This course introduces a variety of literary forms and continues skill development in language, reading, and composition. Curriculum includes a study of the short story and a grammar review focusing on parts of a sentence, punctuation, usage, sentence structure, and composition. Reading assignments emphasize literary and informational pieces including poetry, novels, and essays. Literary analysis, research skills, and vocabulary development will be stressed.

ADVANCED ENGLISH II

Placement: 10

Prerequisite: English I or Advanced English I

Credits: 1

This course is for students who have demonstrated superior skills in the previous year and who are sufficiently motivated to accomplish challenging assignments. The course focuses on those skills necessary for successful college preparation such as literary vocabulary acquisition, text analysis, critical thinking skills, literary analysis, and advanced compositions. Students should have strong reading and writing skills. It is an in-depth study of the classics through exploration of various forms of world literature. This course will require several novels to be read during the year. Summer reading will be expected of all students. Summer reading will be expected of all students.

ENGLISH III

Placement: 11

Prerequisite: English II

Credits: 1

This course is a chronological survey of American literature from the beginning of history in the United States through contemporary times. It coordinates literature, composition, grammar, and vocabulary through representative readings from historical documents, essays, dramas, short stories, and novels of significant American writers.

ADVANCED PLACEMENT ENGLISH III

Placement: 11

Prerequisite: English II or Advanced English II

Credits: 1

This course challenges students to do college level reading and writing through in-depth study of American literature, analysis of non-fiction prose, and extensive essay writing. The course focuses on preparing students for the Language Academic Placement test in May. Students will receive intensive training in literary vocabulary acquisition, text analysis, critical thinking skills, literary analysis, and advanced compositions. Students should have strong reading and writing skills. Students taking this course should be highly motivated to improve analytical thinking and writing skills. Summer reading is expected.

HILL COLLEGE DUAL CREDIT ENGLISH III**Placement: 11-12****Prerequisite: TSI Assessment****Credits: 1****Hill College corresponding college credit: ENGL 1301 – Composition I (3 semester hours) - Fall course****ENGL 1302 – Composition II (3 semester hours) - Spring course**

The fall course is a review of the principles of grammar, punctuation, and sentence structure; spelling drill and vocabulary; selected readings; theme writing with emphasis on organization of the whole composition, paragraph development, and effective sentences for expository and argumentative-persuasive writing; library use, individual conferences. The spring course includes studies in analyzing literature and the writing of critical papers; selected readings; a review of research and documentation procedures leading to the production of a research paper; mechanics of composition as necessary for each class. This is a regular college-level English course in which dual credit will be awarded for college English and high school English III or IV. The student will receive 3 hours college credit and ½ high school credit for successfully completing each term. This course meets the high school graduation requirement. **Students must pass the TSI Assessment before they will be allowed to enroll in Hill College classes.**

ONRAMPS RHETORIC**Placement: 11****Prerequisite: Completion or concurrent enrollment in English II****Credits: 1**

Rhetoric is a course in argumentation that situates rhetoric as an art of civic discourse. It is designed to enhance your ability to analyze the various positions held in any public debate and to advocate your own position effectively. You will also explore the ethics of argumentation, explaining what it means to fairly represent someone with whom you disagree, or how to responsibly address a community with particular values and interests. Your work in this course will help you advance the critical writing and reading skills you will need to succeed in college and in your professional careers.

ENGLISH IV**Placement: 12****Prerequisite: English III****Credits: 1**

This course focuses on language, composition, and British/world literature. It includes an intensive study of vocabulary, sentence structure, and multi-paragraph compositions. This course provides the critical reading and writing skills necessary for college and the workforce.

ADVANCED PLACEMENT ENGLISH IV **Placement: 12****Prerequisite: English III or AP English III****Credits: 1**

This course challenges students to do college level reading and writing through in-depth study of British literature, analysis of prose, poetry, and drama, and extensive essay writing. The course focuses on preparing students for the Literature Academic Placement test in May. It reinforces skills learned in AP English III such as intensive training in literary vocabulary acquisition, text analysis, critical thinking skills, literary analysis, and advanced compositions. Students should have strong reading and writing skills. Students taking this course should be highly motivated to improve analytical thinking and writing skills. Summer reading is expected.

HILL COLLEGE DUAL CREDIT ENGLISH IV**Placement: 12****Prerequisite: ENGL III DC; TSI Assessment****Credits: 1****Hill College corresponding college credit: ENGL 2322 – British Literature I (3 semester hours) - Fall course****ENGL 2323 – British Literature II (3 semester hours) - Spring course**

The fall course is a general survey of English literature from its origin through the 18th century; some consideration of historical background and development; emphasis on emerging ideas and surviving influences. The spring course is further study of English literature from the Romantic period to the present; selected readings from major authors; emphasis on emerging ideas and surviving influences. This is a regular college-level English course in which dual credit will be awarded for college freshman English and high school English IV. The students will receive 3 hours college credit and ½ high school credit for successfully completing each term. Required prerequisite: ENGL 1302. This course meets the high school graduation requirement. **Students must pass the TSI Assessment before they will be allowed to enroll in Hill College classes.**

ENGLISH / LANGUAGE ARTS ELECTIVES

HILL COLLEGE TECHNICAL WRITING

Prerequisite: English 1301 & 1302

ENGL 2311 trains students to write clear, concise, technical reports on scientific, engineering, and business projects: the process of collecting, organizing, interpretation, and logical presentation of facts and ideas: and the use of graphic aids.

Placement: 12

Credits: 1

CREATIVE WRITING

Prerequisite: English I and English II

In this course, students will develop many writing strategies useful across the curriculum. Students will keep a personal journal, form peer writers' support groups in the class, and write several genres, such as short story, poetry, personal essay, and drama. Students will study writers' markets and will be encouraged to submit pieces for publication. All students are expected to demonstrate understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English.

Placement: 11-12

Credits: ½-1

DEBATE I, II, III/COMPETITIVE DEBATE

Prerequisite: None

Students will be introduced to the logical argumentation that takes place in policy-making and value assessment. The students will analyze a specific topic question, research to find evidence and develop affirmative and negative case positions. After Debate I, Advanced debate theory and practice will be the focus of the course, refining the student's skills in analysis, research, organization, synthesis, evaluation and speaking. Activities include the Lincoln-Douglas and Cross Examination debates. Students will be expected to enroll in the debate classes for both the fall and the spring terms and to participate in debate tournaments throughout the year.

Placement: 10-12

Credits: 1

JOURNALISM

Prerequisite: None

This is a beginning journalism course for students who have an interest in writing news, feature and opinion articles. Advertising, desktop publishing and design are also covered. Students will gain practical experience in the elements and processes used in producing the school's newspaper. Students will handle all reporting, editing, photography, layout, advertising, and sales for the newspaper. Students must be willing to attend evening events and to spend additional time to ensure that assignments are completed in time to meet deadlines. Students must maintain a C average or above to be eligible to work on the newspaper staff.

Placement: 9-12

Credits: ½-1

ADVANCED JOURNALISM I, II, III

Prerequisite: Intro to Journalism

Students will explore the elements and processes necessary for producing the *Santa Fe* yearbook. Proficiency in typing, copywriting, and photography is helpful. Students will handle all writing, editing, photography, layout, advertising, and sales for the yearbook. Opportunities will be provided for students to refine and expand their knowledge and skills through special projects within the field of communications. Students must be willing to attend evening events and to spend additional time to ensure that assignments are completed in time to meet deadlines. Students must maintain a C average or above to be eligible to work on the yearbook staff. The staff is limited and students must apply for admittance to the class. Qualified applicants must interview with the yearbook committee. Final selection of staff is based on grades, citizenship, and recommendations. The teacher will choose editors.

Placement: 10-12

Credits: 1



FINE ARTS: PERFORMING AND VISUAL ARTS

Each student is required to have a minimum of **one** (1) fine arts credit for graduation. Fine arts as one of the seven core requirements for graduation can be found on page 10 of the August 2024 update of Chapter 74, Subchapter B of the Texas Education Code.

The Cleburne High School Fine Arts Department offers courses in the following areas:

Dance – Music – Choir – Band – Theatre – Visual Art

The course offerings are varied and there are opportunities for every student regardless of prior knowledge or experience. Additionally, the fall semester of marching band, colorguard, and drill team may substitute for physical education.



DANCE

DANCE I

Placement: 9-12

Prerequisite: None

Credits: ½ - 1

This course is designed to meet the fine arts requirement for high school graduation. There is not an audition. Students will learn basic ballet, jazz, modern, and hip-hop techniques and combinations. Classes include stretching, aerobic activities, learning about the anatomy of the human body, the history of dance, choreography, and dance production. This activity-based course requires proper apparel and footwear, and may require minimal after school attendance (one fall and one spring dress rehearsal/performance). A minimum of one performance per semester is required (costumes are provided by the school). No experience is required.

DANCE II-IV

Placement: 9-12

Prerequisite: Dance I or approval by Instructor

Credits: ½ - 3

Continuation of all Dance I skills and activities done at a higher level, and is faster paced. This activity-based course requires proper apparel and footwear, and may require some outside/after school practice time. One performance per semester is required (costumes are provided by the school). These are progressive courses requiring the previous level or instructor permission to enroll.

DRILL TEAM (SHOWSTOPPERS)

Placement: 9-12

Prerequisite: Audition

Credits: ½ - 3

Members of the Showstoppers Dance Team must audition in the Spring to be admitted. Students entering the 9th through 12th grades are welcome to audition for Showstoppers. Showstoppers will learn dance routines to support the athletic teams at CHS. They will perform at pep rallies, home football games, and basketball games, to name a few. They will also compete at dance team competitions in the spring. Members must abide by all the rules set forth in the Showstoppers Constitution.

DANCE COMPOSITION IMPROVISATION I

Placement: 10-12

Prerequisite: Current Officer Position

Credits: ½ - 1

Dance Composition/Improvisation is designed to prepare students who have been selected as officers in the Dance Team or are interested in pursuing leadership opportunities in Dance. Students are provided the opportunity to study, practice and develop group leadership and organizational skills, as well as their creativity in choreography and dance techniques.



PIANO

Placement: 9-12

Prerequisite: None

Credits: 1

This course is open to students who want to learn how to read music and play piano with proper technique. The piano class is a small lab setting where students are engaged in the study of piano techniques and music theory at beginner, intermediate, and advanced levels. Students will receive instruction as a group and individually. Class size is limited. There are no performance requirements, but students who are able to play Class III, II, or I literature are invited to participate in the UIL Solo & Ensemble Contest. No experience is required.

ADVANCED PLACEMENT MUSIC THEORY

Placement: 9-12

Prerequisite: None

Credits: 1

This course is a study of advanced music literacy, focusing on written and aural musical skills typically taught at a college freshman level. The written portion of the course covers fluency with fundamentals, harmony, and harmonic counterpoint. The aural skills portion covers sight-singing, performing rhythms, identifying melodic patterns, harmonic progressions, intervals, and chords; and practicing dictation. This course provides students with a college-level written theory and aural skills experience designed to prepare them for the AP® Music Theory Examination. Students who have an interest in exploring any career in the field of music are encouraged to enroll.



INTRO TO CHOIR

Placement: 9-12

Prerequisite: None

Credits: 1

This course is designed to meet the fine arts requirement for high school graduation. There is not an audition. Students will learn the basics of singing and reading music. Students will sing at the UIL choir competition in the spring semester. A minimum of one performance per semester is required (concert apparel provided by the school). No experience is required.

CONCERT WOMEN I, II, III, IV

Placement: 9-12

Prerequisite: Audition

Credits: 1

This course is a vocal music class in which sight singing, theory, vocal/choral techniques, and music history and literature will be studied, performed and evaluated. Additional rehearsals, evening and weekend performances are required. The Concert Women's Choir sings in competitions throughout the year, including UIL competition. This is a Soprano, Soprano 2, and Alto ensemble.

CONCERT MEN I, II, III, IV

Placement: 9-12

Prerequisite: Audition

Credits: 1

This course is a vocal music class in which sight singing, theory, vocal/choral techniques, and music history and literature will be studied, performed and evaluated. Additional rehearsals, evening and weekend performances are required. The Concert Men's Choir sings in competitions throughout the year, including UIL competition. This is a Tenor, Baritone, and Bass ensemble.

CHORALE MUSIC I, II, III, IV

Placement: 10-12

Prerequisite: Audition with previous choral experience

Credits: 1

This course is an advanced vocal music class in which sight singing, theory, vocal/choral techniques, and music history and literature will be studied, performed and evaluated. A variety of vocal and choral musical styles will be studied. Evening performances, weekend performances, competitions and rehearsals other than actual class time will be required. The chorale sings in various competitions throughout the year, including UIL competitions. This is a Soprano, Alto, Tenor, and Bass ensemble. Participation in All-District choir and subsequent auditions is expected. Participation in UIL solo-ensemble competition is required.



MARCHING BAND

Placement: 9-12

Prerequisite: Audition; Successful completion of 1 year of HS/MS band

Credits: ½-1

The Marching Band performs at all varsity football games and related activities. The Marching Band also participates in various marching competitions and civic performances in the area. All members will be expected to attend all rehearsals and performances. The Marching Band rehearses daily after school hours. The Marching Band is a part of the total band program. Enrollment in the total program is required. Marching Band will count towards ½ credit of PE each fall.

WIND SYMPHONY

Placement: 9-12

Prerequisite: Audition; Successful completion of 1 year of HS/MS band

Credits: ½-1

The Wind Symphony is the top competing ensemble. Students are expected to perform and rehearse at the highest level of their ability. It is a full year course. Audition results, overall performance history, and scholastic standing determine membership. Participation in the CHS Golden Pride Marching Band is required of all band members. Sectionals and after-school rehearsals will be required at the conclusion of the marching band season. The Wind Symphony performs at least two concerts, community events, music festivals, and competes in the UIL Concert and Sight-reading contests. Students in the Wind Symphony are required to participate in the TMEA All-Region audition process, perform a class 1 solo and participate in a small ensemble at the UIL Solo and Ensemble Contest. The Wind Symphony will set the standard in musical performance, integrity, and professionalism. It is expected that members of the Wind Symphony enroll in the CISD Music Enrichment Program as well as Instrumental Ensemble. (½ credit PE in the Fall; ½ credit Fine Arts in the Spring)

SYMPHONIC WINDS I

Placement: 9-12

Prerequisite: Audition; Successful completion of 1 year of HS/MS band

Credits: ½-1

Symphonic Winds I is the second performing ensemble in the band program. Audition results, overall performance history, and scholastic standing determine membership. Participation in the CHS Golden Pride Marching Band is required of all band members. Sectionals and after-school rehearsals will be required at the conclusion of the marching band season. Performances include a minimum of two concerts and the UIL Concert and Sight-reading Contest. Students in Symphonic Winds I are required to participate in the TMEA All-Region audition process, perform a class 1 or 2 solo and participate in a small ensemble at the UIL Solo and Ensemble Contest. In addition, Symphonic Winds may perform at one or more band festivals. It is recommended that members of Wind Symphony I enroll in the CISD Music Enrichment Program as well as Instrumental Ensemble. (½ credit PE in the Fall; ½ credit Fine Arts in the Spring)

SYMPHONIC WINDS II**Placement: 9-12****Prerequisite: Audition & Band Membership in the previous school term****Credits: 1**

Symphonic Winds II is the third performing ensemble in the band program. Audition results, overall performance history, and scholastic standing determine membership. Participation in the CHS Golden Pride Marching Band is required of all band members. Sectionals and after-school rehearsals will be required at the conclusion of the marching band season. Performances are dependent on the instrumentation of the band and may include a minimum of two concerts and the UIL Concert and Sight-reading Contest. Students in Symphonic Winds II are highly encouraged to participate in the TMEA All-Region audition process, perform a solo and ensemble in the UIL Solo & Ensemble Contest. In addition, Symphonic Winds may perform at one or more band festivals. It is recommended that members of Symphonic Winds II enroll in the CISD Music Enrichment Program as well as Instrumental Ensemble. (½ credit PE in the Fall; ½ credit Fine Arts in the Spring)

CONCERT BAND**Placement: 9-12****Prerequisite: Audition****Credits: 1**

Concert Band is the fourth ensemble in the band program and it is typically a non-performing ensemble. This ensemble is geared towards improving fundamentals of musicianship and performance in order to qualify for a performing ensemble. While this ensemble is typically not a UIL performing ensemble, students are encouraged to participate. Students in the Concert Band are highly encouraged to perform a solo in the UIL Solo & Ensemble Contest. It is recommended that members of the Concert Band enroll in the CISD Music Enrichment Program.

JAZZ BAND**Placement: 9-12****Prerequisite: Audition****Credits: ½-1**

Membership in the Jazz Band is by audition only. Instrumentation will be limited to saxophone, trumpet, trombone, piano, vibes, guitar, base (electric or upright), drum set, and auxiliary percussion. Students must be concurrently enrolled either in the Wind Ensemble, Symphonic Band, or Concert Band except for students with previous performance on piano, guitar, or bass. The Jazz Band performs for many school and community functions as well as contests and music festivals.

VARSITY COLORGUARD/WINTERGUARD**Placement: 9-12****Prerequisite: Audition****Credits: ½-1**

The Varsity Colorguard is the top competing guard. Students are expected to perform and rehearse at the highest level of their ability and are held to the highest standards. Membership is open to any Cleburne High School student upon selection based on spring semester auditions, overall performance history, scholastic standing, and commitment level. Students are required to enroll in guard class for the entire year and consist of two competitive seasons. Additional rehearsals will be scheduled outside of the school day during both the fall and spring semester. The colorguard will perform at all Golden Pride Marching Band events including football games, parades, and contests during the fall semester and compete in the North Texas Colorguard Association circuit during the spring semester. Varsity colorguard members are expected to perform a solo in the NTCA Solo & Ensemble Contest during the spring semester as well. (½ credit PE in the Fall; ½ credit Fine Arts in the Spring)

JUNIOR VARSITY COLORGUARD/WINTERGUARD**Placement: 9-12****Prerequisite: Audition****Credits: ½-1**

The Junior Varsity Colorguard is the second competing guard. Membership is open to any Cleburne High School student upon selection based on spring semester auditions, overall performance history, and scholastic standing. Students are required to enroll in guard class for the entire year and consists of two competitive seasons. Additional rehearsals will be scheduled outside of the school day during both the fall and spring semester. The colorguard will perform at all Golden Pride Marching Band events including football games, parades, and contests during the fall semester and compete in the North Texas Colorguard Association circuit during the spring semester. (½ credit PE in the Fall; ½ credit Fine Arts in the Spring)

INSTRUMENTAL ENSEMBLE

Placement: 9-12

Prerequisite: Audition

Credits: ½-1

Instrumental Ensemble is open to members of the Golden Pride Band who exhibit a high level of musical talent and skill and are highly motivated and self-directed in their musical studies. Membership in the class is open to students in the Wind Symphony and Symphonic Winds I. Students in Symphonic Winds II may be permitted to enroll based on director approval. Students are required to prepare and perform the Texas Music Educators Association All-State Etudes selected for their instrument in addition to a UIL Class 1 Solo and Class 1 Ensemble, instrumentation permitting. Performances may include special CISD and community events.

PERCUSSION - BATTERY

Placement: 9-12

Prerequisite: Audition

Credits: ½-1

The Battery Percussion is the marching percussion in the Golden Pride Marching Band. Spring semester audition results, overall performance history, and scholastic standing determine membership. Participation in the CHS Golden Pride Marching Band is required of all band members. Sectionals and after-school rehearsals will be required at the conclusion of the marching band season in preparation for concert ensemble performances. Students will be placed in concert performing ensembles for the remainder of the fall semester and will audition in November for placements in the concert ensembles for the spring semester. Performances include a minimum of two concerts and the UIL Concert and Sight-reading Contest. Members are expected to participate in the TMEA All-Region audition process, perform a class 1 solo and participate in a small ensemble at the UIL Solo and Ensemble Contest. (½ credit PE in the Fall; ½ credit Fine Arts in the Spring)

PERCUSSION – FRONT ENSEMBLE

Placement: 9-12

Prerequisite: Audition

Credits: ½-1

The Front Ensemble Percussion is a stationary percussion ensemble in the Golden Pride Marching Band. Spring semester audition results, overall performance history, and scholastic standing determine membership. Participation in the CHS Golden Pride Marching Band is required of all band members. Sectionals and after-school rehearsals will be required at the conclusion of the marching band season in preparation for concert ensemble performances. Students will be placed in concert performing ensembles for the remainder of the fall semester and will audition in November for placements in the concert ensembles for the spring semester. Performances include a minimum of two concerts and the UIL Concert and Sight-reading Contest. Members are expected to participate in the TMEA All-Region audition process, perform a class 1 solo and participate in a small ensemble at the UIL Solo and Ensemble Contest. (½ credit PE in the Fall; ½ credit Fine Arts in the Spring)



THEATRE ARTS

THEATRE ARTS I

Placement: 9-12

Prerequisite: None

Credits: 1

This course is designed to meet the fine arts requirement for high school graduation. This course is an introductory survey course with emphasis on the major historical periods of theatrical development. Students will participate in readings and rehearsals of plays from each period as they develop their skills as actors, playwrights, and designers. Theatre Arts I is a prerequisite for all other theatre classes. No experience is required.

THEATRE PRODUCTION I

Placement: 10-12

Prerequisite: Theatre Arts I; Teacher approval

Credits: 1

This course introduces students to theatre production for students geared to performances. Students will build upon their knowledge from Theatre Arts I and prepare them for performance. Performance and rehearsals beyond class time are required.

THEATRE PRODUCTION II**Placement: 11-12****Prerequisite: Theater Production I; Teacher approval****Credits: 1**

This course is an advanced level acting course that enhances performance skills and techniques used by the actor on stage. Students will explore methods of characterization, research, and role preparation. Emphasis placed on the development of essential acting techniques includes characterization, objectives, action and script analysis. The study of vocal exercises is also used primarily to improve vocal ability and training the use of dialects. Performance and rehearsals beyond class time are required.

THEATRE PRODUCTION III**Placement: 11-12****Prerequisite: Theater Production II; Teacher approval****Credits: 1**

This course is an advanced level acting course that enhances performance skills and techniques used by the actor on stage. Students will explore methods of characterization, research, and role preparation. Emphasis placed on the development of essential acting techniques includes characterization, objectives, action and script analysis. The study of vocal exercises is also used primarily to improve vocal ability and training in the use of dialects. Performance and rehearsals beyond class time are required.

THEATRE PRODUCTION IV**Placement: 11-12****Prerequisite: Theater Production III; Teacher approval****Credits: 1**

This course is an advanced level acting course that further builds on Theatre Production III. Emphasis placed on the development of essential acting techniques includes characterization, objectives, action and script analysis. The study of vocal exercises is also used primarily to improve vocal ability and training in the use of dialects. Performance and rehearsals beyond class time are required.

TECHNICAL THEATRE I, II, III, IV**Placement: 9-12****Prerequisite: Interview process; Teacher approval****Credits: 1-4**

Design and production concepts and techniques will be studied in scenery, properties, lighting, sound, costumes and make-up. Hands-on experience and theatre management will be involved in class practicum and during production of shows during the school year. Additional time/lab hours after school are required.

TECHNICAL THEATRE- COSTUME DESIGN II, III, IV**Placement:****10-12****Prerequisite: Technical theatre I****Credits: 1**

Students will work on challenging costuming projects and take on leadership roles in producing costumes for the season shows as well as working on costuming crews. They will learn to follow patterns, drape, and sew simple to complex costumes.

**VISUAL ART****ART I****Placement: 9-12****Prerequisite: None****Credits: 1**

This course has learning to draw as its focus, incorporating the elements and principles of design. Those students with drawing skills automatically advance their development. A large variety of materials will be used: pencil, charcoal, pastels, colored pencils, tempera, watercolor, and acrylics. Also, art history is emphasized. Art 1A is drawing and design; Art 1B is painting and sculpture with special focus on color theory. No experience is required.

ART II DRAWING/SCULPTURE**Placement: 10-12****Prerequisite: Art I****Credits: 1**

Students explore a variety of art media: pencil, charcoal, pastels, colored pencils, watercolor, oil and acrylics. Printmaking techniques and sculpture will be explored as well. Art history is integrated throughout the course.

ART III DRAWING/ SCULPTURE**Placement: 10-12****Prerequisite: Art II****Credits: 1**

This course is an expansion of Art II. Students will study, in-depth, many media available in the art department. Each semester will have a different focus TBA by the teacher. The curriculum may vary from year to year so as to give the student more choices in the areas of his expertise. Areas of focus may include: Life drawing, painting, watercolor, printmaking, sculpture, & design.

ART IV**Placement: 11-12****Prerequisite: Art III****Credits: 1**

This course is a continuing studio program TBA by the teacher for students whose interests are very art focused. They will be required to produce portfolio quality work, enter area shows and keep an ongoing sketchbook.

ADVANCED PLACEMENT STUDIO ART: DRAWING **Placement: 11-12****Prerequisite: None****Credits: 1**

This course is a rigorous curriculum based on requirements set by the National College Board and is designed to prepare the student to submit a portfolio for Advanced Placement review. The body of work containing 25 – 30 pieces of art will be graded, submitted and scored at the National College Board session. Students taking this course are strongly encouraged to participate in the AP exam in May.

ADVANCED PLACEMENT STUDIO ART: ART/ 2-D DESIGN **Placement: 11-12****Prerequisite: None****Credits: 1**

This course is a rigorous curriculum based on requirements set by the National College Board and is designed to prepare the student to submit a portfolio for Advanced Placement review. The body of work containing 25 – 30 pieces of art will be graded, submitted and scored at the National College Board session. Students taking this course are strongly encouraged to participate in the AP exam in May.

ADVANCED PLACEMENT STUDIO ART: ART/3-D DESIGN **Placement: 11-12****Prerequisite: None****Credits: 1**

This course is a rigorous curriculum based on requirements set by the National College Board and is designed to prepare the student to submit a portfolio for Advanced Placement review. The body of work containing 25 – 30 pieces of art will be graded, submitted and scored at the National College Board session. Students taking this course are expected to participate in the AP exam in May.

ONRAMPS ART & ENTERTAINMENT TECHNOLOGY**Placement: 10-12****Prerequisite: None****Credits: 1**

Course presents a broad overview of digital media technology, software & applications along with the fundamental concepts of digital representations of images & symbols. Students study an assortment of entertainment concepts & experiences, discover the underlying technology involved, & learn how this technology is delivered to the participant. In pursuit of answers to such questions, students also consider the cultural, philosophical, ethical & practical aspects of entertainment technology.

HEALTH / PHYSICAL EDUCATION / ATHLETICS

Requirements for Physical Education: Students are required to earn a minimum of 1 credit in physical education, but they may earn no more than 4 credits toward state graduation requirements. All PE/athletic credits after 4 are considered local credit. Each semester of UIL competition sports will substitute for physical education. Additionally, the fall semester of marching band, cheerleading, and drill team will substitute for physical education. If interested in earning physical education credit through off-campus participation in physical activity programs, the students should contact their counselor.

Courses which may waive the physical education graduation requirement:

Athletic Trainer
Cheerleading
JROTC

Marching Band (Fall Semester)
Color Guard

UIL Competition Sports
Drill Team and JV Drill Team

HEALTH EDUCATION

Placement: 9-12

Prerequisite: None

Credits: ½

Health Education includes the study of the body and its functions related to wellness. The study encompasses emotional, physical, mental health, appropriate behavior, and the characteristics of a natural personality. Emphasis is placed on teenage decisions concerning the use of tobacco, alcohol and other drugs. Other subject areas are accident prevention, emergency care, CPR, communicable and non-communicable diseases, environmental health, nutrition, and community health resources. Students also investigate current health issues.

PE – OUTDOOR ADVENTURES EDUCATION

Placement: 10-12

Prerequisite: None

Credits: ½-1

The Texas Parks and Wildlife Department developed the Outdoor Education course to enhance and educate students in outdoor activities and wildlife conservation. The curriculum includes: The Texas Parks and Wildlife Department's Hunter Education courses, American Heart Association, First Aid/CPR training, wilderness survival, trip planning, wildlife conservation, camping, backpacking, orienteering, archery and tackle crafts. Emphasis is placed on ethics, safety, conservation, laws, responsibilities, physical fitness and selecting activities that can be enjoyed for a lifetime. **This course may also be taken for elective credit once the physical education requirement is met.**

PE – INDIVIDUAL/TEAM SPORTS

Placement: 9-12

Prerequisite: None

Credits: ½-1

Students in Individual/Team Sports are expected to participate in a wide range of individual/team sports that can be pursued for a lifetime. The continued development of health-related fitness and the selection of individual/team sport activities that are enjoyable is a major objective of this course. The student will demonstrate competency in movement skills in two or more sports such as basketball, soccer, volleyball, badminton, tennis, golf or other individual/team sports.

ATHLETIC TRAINER

Placement: 9-12

Prerequisite: Student Application

Recommended Co-Requisite: Sports Medicine I

Credits: 1

This course is designed to give students the opportunity to provide preventative, evaluative, and rehabilitative care of athletic injuries at his/her high school campus. Students are required to work all year with a minimum of 2 sports determined by the head athletic trainer. Students are required to attend all practices and games of the assigned sports. This course counts as PE credit.

SPORTS MEDICINE I**Placement: 9-12****Prerequisite: Student Application****Recommended Co-Requisite: Athletic Trainer****Credits: 1**

This course provides an opportunity for the study and application of the components of sports medicine including but not limited to: sports medicine related careers, organizational and administrative considerations, prevention of athletic injuries, recognition, evaluation, and immediate care of athletic injuries, rehabilitation and management skills, taping and wrapping techniques, First Aid/CPR emergency procedures, nutrition, sports psychology, human anatomy and physiology, therapeutic modalities, and therapeutic exercise.

SPORTS MEDICINE II**Placement: 10-12****Prerequisite: Student Application; Sports Medicine I****Credits: 1**

This course provides a more in-depth study and application of the components of sports medicine including: CPR and AED certification, rehabilitative techniques; therapeutic modalities; prevention, recognition, and care of injuries to the head and face, spine, upper extremity, lower extremity; taping and bandaging; injuries to the young athlete; substance abuse in sports; and general health concerns in sports medicine. Individualized and independent assignments will be included in this course. This course will involve outside-of-class time homework and time required working with athletes and athletic teams. Students must receive the approval of the Licensed Athletic Trainer supervising the athletic training students' staff. There may be other required prerequisites for this course such as a Sports Medicine I course and/or Licensed Athletic Trainer approval.

PARTNERS IN PE**Placement: 10-12****Prerequisite: Student Application****Credits: ½ - 1**

This is a physical education course in which students with special needs are partnered with other students. Students with special needs will develop health-related fitness and an appreciation for team work and fair play. Other students gain insight into students with special needs while the special needs students learn a basic understanding of PE.

NJROTC- NAVAL SCIENCE I**Placement: 9-12****Prerequisite: None****Credits: 1**

The purpose of this course is to introduce students to the meaning of citizenship, the elements of leadership, and the value of scholarship in attaining life goals; promote an awareness of the importance of a healthy lifestyle, including physical fitness, a proper diet, and controlling stress; drug awareness; provide the principles of health and first aid, geography and survival skills and an overview of Naval ships and aircraft. These elements are pursued at the fundamental level.

NJROTC- NAVAL SCIENCE II**Placement: 10-12****Prerequisite: Naval Science I****Credits: 1**

This course builds on the general introduction provided in Naval Science 1. The course is designed to further develop the traits of citizenship and leadership, and to introduce cadets to the technical areas of naval science and the role of the U. S. Navy in maritime history and the vital importance of the world's oceans to the continued well-being of the United States. Students will receive ongoing instruction into Leadership; introduction to Maritime History, including the American Revolution, Civil War, the rise of the U. S. to world power status, World Wars 1 and 2, the Cold War Era and the 1990s and beyond; introduction to Nautical Sciences to include Maritime Geography, Oceanography, Meteorology, Astronomy, and Physical Sciences.

NJROTC- NAVAL SCIENCE III**Placement: 11-12****Prerequisite: Naval Science II****Credits: 1**

Students continue to broaden their understanding of the operative principles of military leadership, the concept and significance of teamwork, the intrinsic value of good order and discipline in the accomplishment of objectives, and the importance of sea power and national security. Students gain a more in-depth knowledge of naval ships

and aircraft and an introduction to marine navigation and seamanship. Course content includes naval operations and support functions, military law, and international law and the sea. Students are provided an introduction to ship construction and damage control, shipboard organization and watch standing, basic seamanship, marine navigation, and naval weapons and aircraft. Ongoing instruction is given in leadership, citizenship and discipline.

NJROTC- NAVAL SCIENCE IV

Placement: 12

Prerequisite: Naval Science III

Credits: 1

This course focuses primarily on practical leadership techniques and implementation. The intent is to assist seniors in understanding leadership and improving their leadership skills by putting them in positions of leadership, under supervision, then helping them analyze successes and failures. Activities include seminars, reading assignments, classroom presentations, and practical work with younger cadets. Seniors are mentored in their preparation for life after high school.

CHEERLEADING I-IV

Placement: 9-12

Prerequisites: Audition

Credits: ½-1

Cheerleaders are expected to perform at athletic events and functions throughout the school year. Tryouts are held during the spring term of the preceding year. Cheerleader selection is by professional, qualified, and impartial judges. Practices will be held during the school day in class with gymnastics requirements outside of the school day. Cheerleaders must attend and participate in athletic events. Cheerleaders will be expected to comply with all aspects of the Cheerleader constitution. Uniforms are required and summer cheerleading camp is mandatory.

ATHLETICS

Placement: 9-12

Prerequisite: Approval of Head Coach/Try-outs

Credits: ½ - 4 (State)

The Cleburne Independent School District Athletic Department offers a full range of UIL sponsored competitive athletic activities for young men and women. These courses will include such things as rules of the game, proper sportsmanship, training in skill and techniques, physical conditioning and competitive sports versus other UIL high schools.

Girls Athletics	Boys Athletics
Basketball	Baseball
Cross Country	Basketball
Golf	Cross Country
Soccer	Football
Softball	Golf
Swimming	Soccer
Tennis	Swimming
Track	Tennis
Volleyball	Track

LANGUAGES OTHER THAN ENGLISH

FRENCH

FRENCH I

Placement: 9-12

Prerequisite: None

Credits: 1

French I provides basic instruction in speaking, reading, listening, and writing the French language with primary emphasis on speaking and listening skills. In this course, students begin conversational French as they learn to interact with peers and adults in French, exchange information in French, express opinions and feelings, and persuade peers and adults in French. Students also study cultural history, contemporary attitudes of the Francophone world, and the geography of Paris and France.

ADVANCED FRENCH II

Placement: 10-12

Prerequisite: French I

Credits: 1

This course exceeds the traditional French II level course by including more in-depth and faster pace study of the language, francophone history, geography, culture, and literature. This course expands students' development in speaking, listening, writing, and reading, especially in everyday situations. Literary selections are included for study of language and culture. The class uses contemporary French films as tools to study authentic language and as examples of the cultures of the Francophone world.

FRENCH II

Placement: 10-12

Prerequisite: French I

Credits: 1

This course continues the study of the language and culture with an emphasis on communicating in French. Students also study cultural history, contemporary attitudes of the Francophone world, and the geography of France.

ADVANCED FRENCH II

Placement: 10-12

Prerequisite: French I

Credits: 1

This course exceeds the traditional French II level course by including more in-depth and faster pace study of the language, francophone history, geography, culture, and literature. This course expands students' development in speaking, listening, writing, and reading, especially in everyday situations. Literary selections are included for study of language and culture. The class uses contemporary French films as tools to study authentic language and as examples of the cultures of the Francophone world.

ADVANCED FRENCH III

Placement: 10-12

Prerequisite: French II or Advanced French II

Credits: 1

This course exceeds the traditional French II level course and presents a wider variety and significantly more complex skills to help the student maintain the students' development in speaking, listening, writing, and reading, especially in everyday situations. Literary selections are included for study of language and culture. The class uses contemporary French films as tools to study authentic language and as examples of the cultures of the Francophone world.

ADVANCED PLACEMENT FRENCH IV

Placement: 11-12

Prerequisite: Advanced French III

Credits: 1

This course is a fast-paced and rigorous course that prepares students for the AP French Exam. The class is conducted exclusively in French and students will explore history, culture, literature, and current events to communicate both formally and informally with accuracy and fluency. The student studies the development of personal expression in everyday situations with a focus on reading, writing, and language. Students will be prepared to take the AP French Language exam.

HILL COLLEGE DUAL CREDIT FRENCH III**Placement: 11****Prerequisite: TSI Assessment; French II or Advanced French II****Credits: 1****Hill College corresponding college credit: FREN 1411 – Elementary French I (4 semester hrs) – Fall course w/ lab
FREN 1412 – Elementary French II (4 semester hrs) – Spring course w/ lab**

This course covers French grammar and verb tenses with conversation, readings, vocabulary study, and some original compositions. The spring course is a continuation of FREN 1411. This is a regular college-level French course in which dual credit will be awarded for college French and high school French III. The student will receive 4 hours college credit and ½ high school credit for successfully completing each term. This course meets the high school graduation requirement. **The TSI Assessment must be taken before students will be allowed to enroll in Hill College classes.**

HILL COLLEGE DUAL CREDIT FRENCH IV**Placement: 12****Prerequisite: TSI Assessment; French III, Advanced French III, or Dual Credit French III****Credits: 1****Hill College corresponding college credit: FREN 2311 – Intermediate French I (4 semester hrs) – Fall course w/ lab
FREN 2412 – Intermediate French II (4 semester hrs) – Spring course w/ lab**

The fall course covers French grammar and verb tenses with conversation, readings, vocabulary study, and some original compositions. The spring course is a continuation of FREN 2411. This is a regular college-level French course in which dual credit will be awarded for college French and high school French IV. The student will receive 4 hours college credit and ½ high school credit for successfully completing each term. Students will attend Hill College classes on CHS campus. This course meets the high school graduation requirement. **The TSI Assessment must be taken before students will be allowed to enroll in Hill College classes.**

SPANISH**SPANISH I****Placement: 9-12****Prerequisite: None****Credits: 1**

This course is designed to introduce students to the Spanish language and culture. The students will develop skills in listening, speaking, reading, and writing Spanish. Spanish proficiency will be accomplished through the acquisition of knowledge in the areas vocabulary and grammar. Students will explore various aspects of Hispanic culture, heritage, and peoples. Major emphasis is on conversational usage of Spanish in real-life situations.

ADVANCED SPANISH I **Placement: 9-11****Prerequisite: None****Credits: 1**

Advanced Spanish 1 begins the preparation for college level coursework in Spanish Language and Literature. The goal of this course is to help students begin to communicate with Spanish speakers through written and oral expression. The course integrates language with history, culture, daily life, community, health and our environment. Through the study of history and culture, emphasis is placed on interconnectedness, global awareness and the broad movements and patterns of the history of Spanish speakers. Vocabulary and grammatical structures will be taught in context. The course is designed to stimulate interest in and foster respect for other peoples and cultures. Students will be taught in an environment that fosters risk-taking and reflective thinking.

SPANISH II**Placement: 9-12****Prerequisite: Spanish I****Credits: 1**

This course further develops the skills introduced in Spanish I. The students will be involved in an in-depth study of the spoken language, listening, reading, writing, and literature. The main objective of this course is to expand skills learned in the first-year course through a continuing knowledge accumulation of grammar and vocabulary. In this course, students will begin to be able to use the target language with greater facility. Students will do projects, read, write, and speak Spanish as appropriate for the second-year level.

ADVANCED SPANISH II **Placement: 9-12****Prerequisite: Spanish I or Advanced Spanish I****Credits: 1**

This course exceeds the traditional Spanish II level course by including more in-depth and faster pace study of the language, history, geography, culture, and literature. This course expands students' development in speaking, listening, writing, and reading, especially in everyday situations. Literary selections are included for study of language and culture. The class uses contemporary Spanish films as tools to study authentic language and as examples of the cultures of the Hispanic world. This course provides for an in-depth development of the skills introduced in Spanish I. Oral comprehension and reading skills are emphasized. Grammar, vocabulary, literature, and cultural studies are also included.

ADVANCED SPANISH III **Placement: 10-12****Prerequisite: Spanish II, Advanced Spanish II or Spanish for Native Speakers I****Credits: 1**

This course is a continuation of the study of the Spanish language with special emphasis on reading comprehension, listening, speaking and advanced grammar and composition in preparation for college level coursework. Students continue in developing fluency in the areas of speaking, listening, writing, and reading in the Spanish language. Students will create projects, do oral presentations, and read novels in Spanish.

HILL COLLEGE DUAL CREDIT SPANISH III**Placement: 11-12****Prerequisite: TSI Assessment****Credits: 1**

Hill College corresponding college credit: SPAN 1411 – Elementary Spanish I (4 semester hrs) – Fall course w/ lab
SPAN 1412 – Elementary Spanish II (4 semester hrs) – Spring course w/ lab

The fall course covers the essentials of Spanish (pronunciation, basic vocabulary, functional grammar, sentence structure, inflections, and common idioms) with stress on reading, understanding, writing, and speaking. The spring course is a continuation of SPAN 1411. This is a regular college-level Spanish course in which dual credit will be awarded for college Spanish and high school Spanish III. The student will receive 4 hours college credit and ½ high school credit for successfully completing each term. This course meets the high school graduation requirement. **Students must pass the TSI Assessment before they will be allowed to enroll in Hill College classes.**

ADVANCED PLACEMENT SPANISH IV **Placement: 11-12****Prerequisite: Advanced Spanish III or Spanish for Native Speakers II****Credits: 1**

This course is an intensive study of Spanish language in preparation for the AP Spanish Language exam. Emphasis is on advanced grammar, literature, and composition as well as listening comprehension and speaking. Students will be prepared for college level coursework.

ADVANCED PLACEMENT SPANISH V **Placement: 11-12****Prerequisite: AP Spanish IV****Credits: 1**

This course is an intensive study of Spanish literature in preparation for the AP Spanish Literature exam. Emphasis is on advanced grammar, literature, and composition. The goal of this course is to prepare students to take the AP exam.

SPANISH FOR NATIVE SPANISH SPEAKERS I**Placement: 9-12****Prerequisite: Departmental Approval****Credits: 1**

This course is designed for students who have oral production & comprehension skills as Native speakers of Spanish. The course emphasis includes reading & writing skills as well as Hispanic cultural awareness. This course is accelerated- one semester course- students receive credit for Spanish 1.

SPANISH FOR NATIVE SPANISH SPEAKERS II**Placement: 10-12****Prerequisite: Spanish for Native Spanish Speakers I****Credits: 1**

This course is designed for students who have oral production & comprehension skills as Native speakers of Spanish. The course emphasis includes reading & writing skills as well as Hispanic cultural awareness. This course is accelerated- one semester course- students receive credit for Spanish 2.

ADVANCED LANGUAGE FOR CAREER APPLICATIONS**Placement: 9-12****Prerequisite: LOTE III Course****Credits: 1**

This course provides students with instruction in terminology that prepares them to communicate in a language other than English in a professional business, or industry setting. Students will continue to develop interpersonal, interpretive and presentational communication skills through interaction and practicum-based learning.

SEMINAR IN SPANISH**Placement: 9-12****Prerequisite: AP Spanish IV****Credits: 1**

This course is for students who are passionate about Spain and Latin American literature and culture. It offers students the opportunity to gain and develop a deeper understanding of the spoken Spanish Language and the diversity of the Spanish speaking countries and their culture. Students develop all domains of language: listening, speaking, reading and writing. Students who intend to take Spanish AP V Literature and Culture are encouraged to enroll in this course prior to AP Spanish V.

COMPUTER SCIENCE**AP COMPUTER SCIENCE PRINCIPLES ****Placement: 10-12****Recommended Prerequisite: Algebra II****Credits: 1**

Fundamentals of Computer Science is intended as a first course for those students just beginning the study of computer science. Students will learn about the computing tools that are used every day. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts. Students may count this course as a foreign language credit if they take & pass the course & also take & pass AP Computer Science A.

AP COMPUTER SCIENCE A **Placement: 11-12****Prerequisite: AP Computer Science Principles, Algebra II****Credits: 1**

AP Computer Science A introduces students to computer science through programming. Fundamental topics include the design of solutions to problems & the use of data structures to organize information. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts. Students may count this course as a foreign language credit upon successful completion of AP Computer Science Principles & AP Computer Science A.

MATHEMATICS

In the area of mathematics, college entrance requirements vary. Students should check with the college of their choice prior to planning their high school mathematics courses.

ALGEBRA I

Placement: 9

Prerequisite: 8th grade Math

Credits: 1

This course will study algebraic equations and inequalities, quadratic equations, linear functions, quadratic functions, exponential functions, polynomials, graphs, and radicals. Students will connect functions and their associated solutions in problem situations. Topics also covered will be polynomials of degree one and two, radical expressions, sequences, and laws of exponents. The course will include linear systems.

ADVANCED ALGEBRA I

Placement: 9

Prerequisite: 8th grade Math

Credits: 1

In addition to material usually covered in Algebra I, topics will be expanded and taught at a more rigorous, in-depth level. Emphasis will be placed on the application of concepts and skills introduced in Algebra I. The level of instruction/curriculum will focus on preparing the student for advanced placement mathematics courses.

GEOMETRY

Placement: 9-10

Prerequisite: Algebra I or Advanced Algebra I

Credits: 1

Relations, properties, and measurement of surfaces, lines, and angles in one, two, and three-dimensional figures are investigated and used in this course. Students will use deductive reasoning to justify, prove formally and apply theorems about geometric figures. Probability concepts are included in this course.

ADVANCED GEOMETRY

Placement: 9-10

Prerequisite: Algebra I or Advanced Algebra I

Credits: 1

In addition to material usually covered in Geometry, topics will be expanded and taught at a more rigorous, in-depth level. Emphasis will be placed on the application of concepts and skills introduced in Geometry. The level of instruction/curriculum will focus on preparing the student for advanced placement mathematics courses.

MATHEMATICAL MODELING WITH APPLICATIONS

Placement: 11-12

Prerequisite: Algebra I and Geometry

Credits: 1

The course is a study in mathematical methods for solving realistic applied problems. Students will work with applications of mathematics that involve money, data analysis, chance, patterns, music, design, nature, and science. Students will use a variety of problem-solving strategies. The concept of a function will be stressed.

ALGEBRA II

Placement: 10-12

Prerequisite: Algebra I or Advanced Algebra I AND Geometry or Advanced Geometry

Credits: 1

This course is a continuation of the topics studied in Algebra I. Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will extend their knowledge of data analysis and numeric and algebraic methods. **Students must successfully complete Algebra II prior to taking a higher math class. This course is required for a Distinguished Level of Achievement or STEM Endorsement.**

ADVANCED ALGEBRA II

Placement: 10-11

Prerequisite: Geometry or Advanced Geometry

Credits: 1

In addition to the material usually covered in Algebra, topics will be expanded and taught at a more rigorous, in-depth level. Emphasis will be placed on the application of concepts and skills introduced in Algebra II. The level of instruction/curriculum will focus on preparing the student for further advanced placement courses. Students must successfully complete prior to taking a higher math class.

MATH ELECTIVES

ONRAMPS COLLEGE ALGEBRA

Placement: 11

Prerequisite: Algebra 1 & Geometry

Credits: 1

In this course, students deepen their critical thinking skills and develop their ability to persist through challenges as they explore function families: Linear, Absolute Value, Quadratic, Polynomial, Radical, Rational, Exponential, & Logarithmic. Students analyze data algebraically and with technology while developing their knowledge of properties of functions, matrices and systems of equations, and complex numbers. The pedagogy of the course, Inquiry-Based Learning, encourages students to take an active role in the construction of their learning. This learning will be accomplished by abstraction, generalization, problem-solving & modeling.

ONRAMPS PRECALCULUS

Placement: 11-12

Prerequisite: Geometry & Algebra II

Credits: 1

This course approaches topics from a functional point of view, where appropriate, and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. The study of Precalculus deepens students' mathematical understanding and fluency with algebra and trigonometry and extends their ability to make connections and apply concepts and procedures at higher levels.

PRE-CALCULUS

Placement: 11-12

Prerequisite: Algebra II or Advanced Algebra II; Geometry

Credits: 1

This course approaches topics from a function point of view. Students systematically work with functions and their multiple representations. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations, and provide support in solving problems. Topics covered are trig functions, their properties and applications; polynomial, exponential and circular functions; vectors; complex numbers; sequence and series; and conic sections.

AP PRE-CALCULUS

Placement: 11-12

Prerequisite: Algebra II or Advanced Algebra II

Credits: 1

In addition to the topics studied in Pre-Calculus, topics will be expanded and taught at a more rigorous, in-depth level. Emphasis will be placed on the application of concepts and skills. The level of instruction/curriculum will focus on preparing the student for advanced placement courses.

HILL DUAL COLLEGE ALGEBRA

Placement: 11-12

Prerequisite: Algebra II or Advanced Algebra II; TSI Assessment

Credits: 1

Hill College corresponding college credit: MATH 1314 – College Algebra (3 semester hours) - Fall course

The fall course is an in-depth study and application 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. **The TSI Assessment must be taken before students will be allowed to enroll in Hill College classes.**

HILL DUAL COLLEGE STATISTICS

Placement: 11-12

Prerequisite: Algebra II or Advanced Algebra II; TSI Assessment

Credits: 1

Hill College corresponding college credit: MATH 1342 – Elementary Statistical Methods (3 semester hours) – Spring course

This spring course covers collection, analysis, presentation, and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. **The TSI Assessment must be taken before students will be allowed to enroll in Hill College classes.**

ADVANCED PLACEMENT CALCULUS AB **Placement: 11-12****Prerequisite: Pre-Calculus or Advanced Pre-Calculus****Credits: 1**

This course is designed for the student who has displayed both exceptional talent and diligence in the study of all other selected high school courses. Topics of study will include limits and continuity, derivatives, the fundamental theorem of calculus, special functions, techniques of integration, partial derivatives, and multiple integration. Analytic geometry will be included as needed. A TI-83 Plus or TI-84 will be used in the classroom, and graphing calculators of this type will be required for homework. A graphing calculator with numerical differentiation and integration capabilities is required for the Advanced Placement Calculus Test. **This course is the equivalent of a Calculus I course at the college level.** After this course, students may take the Advanced Placement AB Calculus Test providing the opportunity to earn college credit in calculus.

STATISTICS AND BUSINESS DECISION-MAKING**Placement: 11-12****Prerequisite: Algebra II or Advanced Algebra II; Geometry****Credits: 1**

Statistics and Business Decision Making is an introduction to statistics and the application of statistics to business decision making. This course covers the general areas of describing data, probability, confidence intervals, hypothesis testing, regression, money flow, financial resources, data forecasting and management, fiscal stability, risk management strategies, and production. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid. This course satisfies a high school mathematics graduation requirement.

ADVANCED PLACEMENT STATISTICS **Placement: 11-12****Prerequisite: Algebra II or Advanced Algebra II****Credits: 1**

The purpose of this Advanced Placement course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to the four broad conceptual themes which follow: 1) Exploring data – observing patterns and departures from patterns; 2) Planning a study – deciding what and how to measure; 3) Anticipate patterns – producing models using probability and simulation; and 4) Statistical inference – confirming models. After this course, students may take the Advanced Placement Statistics Test which provides the opportunity to earn college credit in statistics

ALGEBRAIC REASONING**Placement: 10-12****Prerequisite: Algebra I****Credits: 1**

Students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra 1, continue with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent mathematics courses. Students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic method, and modeling from data using tools that build to workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets.

AP COMPUTER SCIENCE A **Placement: 11-12****Prerequisite: AP Computer Science Principles, Algebra II****Credits: 1**

AP Computer Science A introduces students to computer science through programming. Fundamental topics include the design of solutions to problems & the use of data structures to organize information. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of

individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts. Students may count this course as a foreign language credit upon successful completion of AP Computer Science Principles & AP Computer Science A.

SCIENCE

INTEGRATED PHYSICS AND CHEMISTRY (IPC)

Placement: 9-12

Prerequisite: None

Credits: 1

Integrated Physics and Chemistry (IPC) is a study of the physical aspects of the world. This course integrates the disciplines of physics and chemistry in the following topics: force, motion, energy, and matter. Topics will include properties of matter, atomic structure, the periodic table, motion, energy, forces, work, machines and electricity. A large portion of this course will consist of laboratory and demonstrations.

BIOLOGY

Placement: 9-12

Prerequisite: None

Credits: 1

This course provides a general knowledge of the natural order of living organisms and their relationship with the environment. Areas of study will focus on patterns, processes, and relationships of living organisms through four main concepts: biological structures, functions, and processes; mechanisms of genetics; biological evolution; and interdependence within environmental systems. Students will examine a variety of topics that include scientific methods and safety, biochemistry, cell structures and processes, DNA and genetics, natural selection, ecology, classification of organisms, survey of the kingdoms, and body systems.

ADVANCED BIOLOGY

Placement: 9-12

Prerequisite: None

Credits: 1

This course is designed for students who show an advanced aptitude toward science. Areas of study will include the essential elements and objectives of those in regular Biology I with greater depth and at a more accelerated rate. A greater emphasis will be placed on lab and the ability to evaluate, outline, organize, and report scientific information. Laboratory procedures, observation, measurement, classification, prediction, and reporting skills will be stressed. Therefore, strong math skills are important. The student should be proficient in reading and projects are required.

CHEMISTRY

Placement: 10-12

Prerequisite: One Credit of High School Science; Algebra I

Credits: 1

Recommended Prerequisite: Completion or Concurrent Enrollment in a Second Year of Math.

This course covers the fundamental concepts of physical chemistry. This is a college preparatory class for students planning to attend a 4-year college/university. Students will be required to use higher level thinking skills and math applications to solve problems related to the characteristics of matter, use of the Periodic Table, development of atomic theory, chemical bonding, chemical stoichiometry, gas laws, solution chemistry, acid-base chemistry, thermochemistry, and nuclear chemistry. Students investigate how chemistry is an integral part of our daily lives.

ADVANCED CHEMISTRY

Placement: 10-12

Prerequisite: Biology or Advanced Biology; Algebra I

Credits: 1

Recommended Prerequisite: Completion or Concurrent Enrollment in a Second Year of High School Math

Advanced Chemistry is a rigorous science course that integrates advanced mathematical models to solve in depth science problems at an accelerated pace. Chemistry topics include: properties of elements, interpretation of the periodic table, acid-base concepts, naming chemical compounds, writing chemical formulas and equations, stoichiometry, thermochemistry, electrochemistry, and solution chemistry. Emphasis will be placed on the ability to evaluate, outline, organize, and report scientific information. Projects and extensive lab reports are required.

PHYSICS

Placement: 10-12

Prerequisite: Biology or Advanced Biology and Algebra I

Credits: 1

This course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include laws of motion; changes within physical systems and conservation of energy and momentum; forces; characteristics and behavior of waves; and electricity and magnetism.

SCIENCE ELECTIVES

ADVANCED PLACEMENT BIOLOGY

Placement: 11-12

Recommended Prerequisite: Biology or Advanced Biology; Chemistry or Advanced Chemistry

Credits: 1

This course provides students with an in-depth study of evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions at an accelerated pace. This course is primarily for students who are interested in a career in medicine, biology or other related fields. Students taking this course should be highly motivated and strong in critical thinking and independent study skills. Successful completion of AP Biology should prepare students for the Advanced Placement Examination and/or the second level college biology course.

ADVANCED PLACEMENT CHEMISTRY

Placement: 10-12

Recommended Prerequisite: Chemistry or Advanced Chemistry

Credits: 1

Completion or Concurrent Enrollment in Algebra II

AP Chemistry is designed to be the equivalent of a first-year college general chemistry course. It is a rigorous and challenging course with special emphasis on applying mathematics to problem solving and as a means of expressing and modeling scientific inquiry. The course will provide an in-depth treatment of atomic structure, gas laws, thermodynamics, stoichiometry, kinetics, equilibria, oxidation-reduction and electrochemistry.

ONRAMPS CHEMISTRY

Placement: 10-12

Prerequisite: High school Chemistry

Credits: 1

Recommended: Algebra II and Pre-calculus

Principles of Chemistry I addresses the nature of matter, energy, chemical reactions, and chemical thermodynamics. The course begins with a review of descriptive chemistry of matter in the natural world as well as compositional and reaction stoichiometry of chemical compounds. Throughout the course, students learn to think like scientists by exploring the underlying theoretical foundations of chemistry, making intuitive arguments for how the world works, and supporting those arguments with quantitative measures. Built with an intention to engage students from a variety of backgrounds, students in the course will learn how to successfully study science by organizing their learning around mastery and ownership of materials.

ONRAMPS CHEMISTRY II

Placement: 11-12

Prerequisite: OnRamps Chemistry

Credits: 1

This second semester of college chemistry course continues the development and application of concepts, theories, and laws underlying chemistry that were introduced in Principles of Chemistry I.

ADVANCED PLACEMENT PHYSICS I

Placement: 11-12

Prerequisite: Algebra I; Geometry; Algebra II or Concurrent Enrollment in Algebra II

Credits: 1

This algebra-based course is the equivalent to a first-semester college course in algebra-based physics. The course covers kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion.

ONRAMPS PHYSICS

Placement: 10-12

Prerequisite: Geometry and completion or concurrent enrollment in Algebra I

Credits: 1

Recommended: Algebra II and Pre-calculus

This is an algebra-based (non-calculus) course in mechanics that fulfills a general physics requirement. Proficiency in algebra and geometry is assumed. Students will practice problem-solving and analyzing physical situations involving motion, force, energy, rotations, heat, oscillations, waves, and sound. They will explore concepts in small groups, develop ideas, and explain them. The course lays the groundwork for college majors including engineering, physics,

chemistry, or mathematics. Students will experience high-quality curriculum designed by the faculty at UT Austin. Students can earn three hours of UT credit with feedback and assessment provided by UT course staff.

ANATOMY AND PHYSIOLOGY

Placement: 11-12

Prerequisite: Biology; Additional science credit

Credits: 1

Recommended Prerequisite: Course from Health Science Cluster

The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students will study the structures and functions of the human body and the interaction of body systems for maintaining homeostasis. Students will do a comparative study of mammals with an in-depth dissection of the cat. Human development, maintenance of homeostasis, transport systems and energy processes will also be topics of study. As part of the laboratory investigative process, students will be active in the dissection of prepared specimens. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

****NOTE:** Effective for the class of 2022 & beyond, this course will no longer receive weighted credit.

HILL COLLEGE DUAL CREDIT ANATOMY & PHYSIOLOGY

Placement: 11

Prerequisite: TSI Assessment

Credits: 1

Hill College corresponding college credit: BIOL 2401 – Anatomy & Physiology I (4 sem. hrs) - Fall course w/ lab

BIOL 2402 – Anatomy & Physiology II (4 sem. hrs) - Spring course w/ lab

The fall course is a study of the structure and function of the human body including cells, tissues and organs of the following systems: integumentary, skeletal, muscular, nervous and special senses. Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. The lab provides a hands-on learning experience for exploration of human system components and basic physiology. Systems to be studied include integumentary, skeletal, muscular, nervous, and special senses. The spring course is a study of the structure and function of the human body including the following systems: endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. The lab provides a hands-on learning experience for exploration of human system components and basic physiology. This is a regular college-level biology course in which dual credit will be awarded for college biology and high school Anatomy & Physiology. The student will receive 4 hours college credit and ½ high school credit for successfully completing each term. This course meets high school graduation requirement. **Students must pass the TSI Assessment before they will be allowed to enroll in Hill College classes.**

ADVANCED ANIMAL SCIENCE (Can be taken as dual credit)

Placement: 11

Prerequisite: TSI Assessment

Credits: 1

Hill College corresponding college credit: AGRI 1319 – Intro Animal Science (3 semester hrs) – Year-long course w/ lab

This course stresses the importance of scientific animal agriculture and the importance of livestock and meat industries. General factors involving selection, reproduction, nutrition, management, and marketing of beef cattle, swine, sheep, goats, and horses. This is a regular college-level animal science course in which dual credit will be awarded for college Advanced Animal Science and high school Advanced Animal Science. The student will receive 3 hours college credit and 1 high school credit for successfully completing the year-long course. **Students must complete the full year to earn credit.** This course meets the high school graduation requirement. **Students must pass the TSI Assessment before they will be allowed to enroll in Hill College classes.**

ENVIRONMENTAL SYSTEMS

Placement: 11-12

Prerequisite: Biology; Chemistry

Credits: 1

In this course, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study of a variety of

topics that include biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationships between carrying capacity and changes in populations and ecosystems, natural changes in environments, and human activities that impact the environment. This course satisfies a high school science graduation requirement.

EARTH SYSTEMS SCIENCE

Placement: 12

Prerequisite: 3 years of math; 3 years of science

Credits: 1

Course Description: this class is a study of the earth; how it was formed, what forces are still at work on it and how we can protect and conserve it for future generations. The course is designed to build on students' prior scientific and academic knowledge and skills to develop their understanding of Earth's systems. These systems (the atmosphere, hydrosphere, geosphere, and biosphere) interact through time to produce the Earth's landscapes, climate, and resources. Students explore the geologic history of individual dynamic systems through the flow of energy and matter, their current states, and how these systems affect and are affected by human use. The emphasis for this class is on laboratory investigations both inside and outside the classroom. This course satisfies a high school science graduation requirement.

FOOD SCIENCE

Placement: 11-12

Prerequisite: Three credits of science including biology and chemistry

Credits: 1

Recommended Prerequisite: Introduction to Culinary Arts

In Food Science students conduct laboratory and field investigations, use scientific methods 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, the principles underlying food processing, and the improvement of foods for the consuming public. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

FORENSIC SCIENCE

Placement: 11-12

Prerequisite: Biology; Chemistry; Physics

Credit: 1

Recommended Prerequisite: Principles of Law, Public Safety, Corrections, and Security

This course 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, simulated crime scenes and laboratory applications such as fingerprint analysis, ballistics, blood spatter analysis, bodily fluids, hairs, fibers, paint, glass, cartridge cases, and DNA. Students will learn the history, legal aspects, and career options for forensic science. Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.

SOCIAL STUDIES

WORLD GEOGRAPHY

Placement: 9-12

Prerequisite: None

Credits: 1

This course is designed to acquaint the student with the geographical make-up of the earth and the physical forces that can alter it. Geographical terminology will be defined. Physical and cultural geography will be compared. Students will explore the physical setting of the earth, the interaction of physical environments and will analyze patterns of urban growth in relationship to the geography of the area.

ADVANCED PLACEMENT HUMAN GEOGRAPHY

Placement: 9-12

Prerequisite: None

Credits: 1

AP Human Geography is designed to be a college introductory geography course. The purpose of AP Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students who participate in AP Human Geography in their 9th grade year will develop habits of mind and skills necessary for success in future Advanced Placement courses. Please direct questions to the CHS Social Studies Department Chairperson.

WORLD HISTORY

Placement: 10-12

Prerequisite: None

Credits: 1

This course gives students the opportunity to trace the historical development of human cultures. It traces political, economic, and social experiences of mankind and applies them to the present for understanding and appreciating the roots, developments, and nature of American-Western civilization. The relationship of Western culture to great world problems involving international civilization will be emphasized.

ADVANCED PLACEMENT WORLD HISTORY

Placement: 10-12

Prerequisite: None

Credits: 1

This course will cover the history of the world from 1000 CE to present. Emphasis is placed on preparing for the College Board AP exam which can gain the student college credit. The student will develop a greater understanding of the evolution of global processes and contacts and interaction with different type of human societies.

UNITED STATES HISTORY (20TH CENTURY)

Placement: 11-12

Prerequisite: World History or World Geography

Credits: 1

This course follows the history of America in the 20th century. Emphasis is placed on the problems experienced by an expanding American nation, the strength of her people in war and peace, the development of the United States as a world leader, and the importance of individual rights in a climate of national freedom based on government by constitutional law. These topics are presented in a skills approach to reinforce the basics of critical reading and writing.

ADVANCED PLACEMENT UNITED STATES HISTORY

Placement: 11-12

Prerequisite: World History/AP World History or World Geography/AP Human Geography

Credits: 1

This is an accelerated course for the college-bound student. This course covers the history of the United States from colonization to the present. Emphasis is placed on outside reading, essay development, and research. The course is designed to help students receive college credit for U.S. History by taking the Advanced Placement test. This course requires the completion of a summer project. Please direct questions to the CHS Social Studies Department Chairperson.

HILL DUAL UNITED STATES HISTORY

Placement: 11-12

Prerequisite: TSI Assessment

Credits: 1

Hill College corresponding college credit: HIST 1301 – (3 semester hours) - Fall course

HIST 1302- (3 semester hours) - Spring course

The TSI Assessment must be taken before students will be allowed to enroll in Hill College classes.

A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the present. United States History I & II includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in United States History I include American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy.

ONRAMPS UNITED STATES HISTORY

Placement: 11

Prerequisite: Completion or concurrent enrollment in English II

Credits: 1

This course surveys American history from the colonial period through the civil war during the first semester and from the end of the civil war through modern times during the second semester. In these two sequential first-year college American history courses, students study significant themes in US history to uncover the range and depth of the American story. Using lectures, primary and secondary readings, videos, maps, and other graphics, students work both independently and collaboratively to develop the critical thinking skills to evaluate the historical record. Students will experience a high quality curriculum designed by the faculty of the University of Texas at Austin. The student will have a university-level learning experience while still in high school and the opportunity to earn college credit.

GOVERNMENT

Placement: 12

Prerequisite: US History

Credits: ½

This course provides the student with an understanding of the functions of the United States, Texas, and local governments. Topics include the foundations and development of the United States governmental system; the purposes, political and economic philosophies of the United States Constitution, Bill of Rights, and Declaration of Independence; the structures and functions of governments at the federal, state and local levels; and responsibilities of American citizenship.

ADVANCED PLACEMENT GOVERNMENT

Placement: 12

Prerequisite: US History or AP US History

Credits: ½

This course is an examination of the philosophical underpinning of our constitutional system combined with historical development and current trends. The primary focus will be on the national level. Because half of the AP American Government and Politics examination requires essay responses, writing exercises will be emphasized including book reviews, critical interpretive essays, and policy papers.

HILL DUAL FEDERAL GOVERNMENT

Placement: 12

Prerequisite: TSI Assessment

Credits: ½

Hill College corresponding college credit: GOVT 2305 – (3 semester hours) - Fall course

The TSI Assessment must be taken before students will be allowed to enroll in Hill College classes.

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.

ECONOMICS

Placement: 12

Prerequisite: US History

Credits: ½

This course is designed to familiarize the student with the factors that have influenced the growth and development of the free enterprise system. Emphasis is placed on topics such as unemployment, inflation, international trade, the interaction of business and labor and the effects of government spending and taxes.

PERSONAL FINANCIAL LITERACY AND ECONOMICS

Placement: 12

Prerequisite: US History

Credits: ½

This course emphasizes the economic way of thinking, which serves as a framework for the personal financial decision-making opportunities introduced in the course. Students will demonstrate the ability to anticipate and address financial challenges as these challenges occur over their lifetime. *This course fulfills the Economics requirement for graduation.*

ADVANCED PLACEMENT MACROECONOMICS

Placement: 12

Prerequisite: US History or AP US History

Credits: ½

This AP course in macroeconomics is designed to give students a thorough understanding of the principles of economics that apply to an economic system as a whole while placing particular emphasis on the study of national income and price determination, and develop students' familiarity with economic performance measures, economic growth, and international economics.

HILL DUAL MACROECONOMICS

Placement: 12

Prerequisite: TSI Assessment

Credits: ½

Hill College corresponding college credit: ECON 2301 – (3 semester hours) - Fall course

The TSI Assessment must be taken before students will be allowed to enroll in Hill College classes.

An analysis of the economy as a whole including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy.

SOCIAL STUDIES ELECTIVES

ADVANCED PLACEMENT EUROPEAN HISTORY

Placement: 10-12

Prerequisite: None

Credits: 1

This is an accelerated elective course covering the history of Europe from 1350 (Renaissance) to the present. Emphasis is placed on preparing for the College Board AP exam by enhancement of higher level skills including analysis, drawing conclusions, evaluating and assessing historical events using primary and secondary sources. Special emphasis is placed on writing skills at a collegiate level.

PSYCHOLOGY

Placement: 11-12

Prerequisite: None

Credits: ½

This course introduces the various fields of psychology. Human Growth, development, and behavior are studied in order to understand personality theories and disorders. Other topics include abnormal psychology, group behavior, human interaction, therapy, and altered states of consciousness such as hypnosis, hallucinations, sleep and dreams.

ADVANCED PLACEMENT PSYCHOLOGY

Placement: 11-12

Prerequisite: None

Credits: ½

This is a college level course that incorporates an understanding of psychology, the scientific study of human behavior and the mental process. Topics that will be introduced will include Memory and Thought, Body and Behavior, Sleep and Dreams, Motivation and Emotion, Personality and Individuality, The Life Span, Stress and Health, Human Relationships, Psychological Research, and Careers and Statistics in Psychology and Therapy.

SOCIOLOGY

Placement: 11-12

Prerequisite: None**Credits: ½**

This course provides an introduction to various fields of sociology. Culture, ethnic and racial groups, gender differences and group dynamics are studied in order to understand socialization. Other topics include crime and deviance, nature versus nurture, and teen problems such as drug and alcohol abuse and other social problems.

PERSONAL FINANCIAL LITERACY**Placement: 10-12****Prerequisite: None****Credits: ½**

Personal Financial Literacy will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. The knowledge gained in this course has far-reaching effects for students personally as well as the economy as a whole. When citizens make wise financial decisions, they gain opportunities to invest in themselves, build businesses, consume goods and services in a responsible way, and secure a future without depending on outside assistance. The economy benefits from the optimal use of resources, increased consumption, and strong local businesses. State and local governments benefit with steady revenue streams and reduced future obligations as our society ages.

AP AFRICAN AMERICAN STUDIES **Placement: 10-12****Prerequisite: World Geography or World History****Credits: 1**

African American Studies is a conceptually driven course that introduces students to the exploration of the rich and diverse history and culture of African Americans. The goal of this course is to broaden the knowledge and understanding of students interested in learning about history, citizenship, culture, economics, science, technology, geography, and the political realities of African Americans. In this Advanced Academics course, students will conduct in-depth research, prepare products of professional quality, and present their findings to appropriate audiences. Students, working independently or in collaboration with other students, will investigate problems, issues, or concerns; research the topic using a variety of technologies; and present a product of professional quality to an appropriate audience. Advanced Academics courses rely heavily on the reading and interpretation of primary and secondary sources, scholarly research and writing, critical thinking on historic and contemporary issues, and organizational skills that will allow for success in advanced courses.

ADVANCED MEXICAN AMERICAN STUDIES **Placement: 10-12****Prerequisite: World Geography or World History****Credits: 1**

In Mexican American Studies, students learn about the history and cultural contributions of Mexican Americans. Students will explore history and culture from an interdisciplinary perspective. They will have opportunities to interact with relevant film, literature, art, and other media. The course emphasizes developments in the twentieth and twenty-first centuries, but students will also engage with developments prior to the twentieth century. In this Advanced Academics course, students will conduct in-depth research, prepare products of professional quality, and present their findings to appropriate audiences. Students, working independently or in collaboration with other students, will investigate problems, issues, or concerns; research the topic using a variety of technologies; and present a product of professional quality to an appropriate audience. Advanced Academics courses rely heavily on the reading and interpretation of primary and secondary sources, scholarly research and writing, critical thinking on historic and contemporary issues, and organizational skills that will allow for success in advanced courses.

AMERICAN HISTORY THROUGH FILM**Placement: 11-12****Prerequisite: World Geography or World History****Credits: 1**

American History through Film is an elective course that examines US History through film and explores the relationship between film and history. Students learn about historical events and themes through film, and analyze the accuracy and purpose of film.

NON-CONTENT ELECTIVES

AVID I (ADVANCEMENT VIA INDIVIDUAL DETERMINATION I)

Placement: 9

Prerequisite: Identified as an AVID student through application and interview process

Credits: 1

The AVID elective class prepares students in the academic middle for college eligibility and success. Students receive instruction in writing, inquiry, collaboration, organization and reading strategies. AVID students must enroll in at least one Advanced course in addition to the AVID elective class. Tutors are provided in the AVID elective class to support student success in all courses. Students visit a college/university during the school year.

AVID II (ADVANCEMENT VIA INDIVIDUAL DETERMINATION II)

Placement: 10

Prerequisite: AVID I or identification as an AVID student through application & interview process

Credits: 1

The AVID elective class prepares students in the academic middle for college eligibility and success. Students receive instruction in writing, inquiry, collaboration, organization and reading strategies. AVID students must enroll in an Advanced or AP course in addition to the AVID elective class. Tutors are provided in the AVID elective class to support student success in all courses. Students visit a college/university during the school year. **It may be possible for students who are enrolled in AVID to receive their professional communications credit, which satisfies this ½ credit graduation requirement.**

AVID III (ADVANCEMENT VIA INDIVIDUAL DETERMINATION III)

Placement: 11

Prerequisite: AVID II

Credits: 1

The AVID elective class prepares students in the academic middle for college eligibility and success. Students receive instruction in writing, inquiry, collaboration, organization and reading strategies. This class places special emphasis on working with sources, critical reading and college preparedness. AVID students must enroll in an Advanced, AP, or dual enrollment course in addition to the AVID elective class. Tutors are provided in the AVID elective class to support student success in all courses. Students visit a college/university each year. **It may be possible for students who are enrolled in AVID to receive their professional communications credit, which satisfies this ½ credit graduation requirement.**

AVID IV (ADVANCEMENT VIA INDIVIDUAL DETERMINATION IV)

Placement: 12

Prerequisite: AVID III

Credits: 1

The AVID elective class prepares students in the academic middle for college eligibility and success. Students receive instruction in writing, inquiry, collaboration, organization and reading strategies. This class places a special focus on assisting students with the college entrance process. AVID students must enroll in an Advanced, AP, or dual enrollment course in addition to the AVID elective class. Tutors are provided in the AVID elective class to support student success in all courses. ***AVID graduation cords will be earned when students successfully complete two or more years of high school AVID elective coursework, complete FAFSA/TASFA, take at least one SAT or ACT exam, be accepted into at least one two year or four year college, and accurately complete an submit AVID Senior Data to AVID Center.***

STUDENT GOVERNMENT AND LEADERSHIP (STUDENT COUNCIL)

Placement: 10-12

Prerequisite: Student Application

Credits: 1-2

This course is designed for those who are currently student leaders or students who are planning to be in a leadership position after high school. This course will develop students' leadership skills to function effectively as team members, responsible citizens, entrepreneurs, and productive workers in a global society. Topics will include: meeting skills, self-esteem, communication, goal setting, time task management, action planning, and conflict resolution. Active participation in Student Council is required. Students will be required to attend and participate in off-campus, after school/weekend events.

TEEN LEADERSHIP I

Placement: 9-12

Prerequisite: None

Credits: 1

This course is designed to help teach leadership skills, personal responsibility, emotional intelligence, conflict resolution/peer mediation, public speaking, principle-based decision making, social skills, choices have consequences, preparation for school-to-work transition, and goal setting.

TEEN LEADERSHIP II

Placement: 11-12

Prerequisite: Teen Leadership I

Credit: 1 (Local)

Teen Leadership II is a program offered to upper level students who have successfully completed Teen Leadership I. The class involves the application of the lessons while mentoring at-risk elementary students, participating in community service, opportunities to meet and discuss with civic and community leaders about future prospects for leadership.

FAMILY AND COMMUNITY SERVICES

Placement: 11-12

Recommended Prerequisite: Principles of Human Services

Credit: 1

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.

NON-CREDIT COURSES

LATE ARRIVAL / EARLY DISMISSAL

Placement: 12

Prerequisite: None

Credit: 0

Students who have earned enough credits to be classified as a senior may opt to take early release or late arrival. Twelfth grade students who have passed Exit Level STAAR/EOC exams will be required to take six classes each semester. Seniors who have not passed Exit Level STAAR/EOC must take eight classes; however, we strongly advise all seniors to take eight classes each semester in order to take advantage of the educational opportunities available at CHS. Seniors not taking all eight classes each semester must sign up for late arrival or early dismissal with the understanding that they are not to be on campus during this time.

CLEBURNE ALTERNATIVE CURRICULUM GRADUATION PLAN



PERSONAL GRADUATION PLAN

Cleburne High School

STUDENT NAME (Last Name, First Name):		STUDENT ID #:	CLASS OF:
STUDENT'S HIGH SCHOOL CAMPUS:	CURRENT GRADE:	DATE INITIATED:	DATE LAST UPDATED:
STUDENT SIGNATURE:	PARENT SIGNATURE:		COUNSELOR INITIALS:

The **Personal Graduation Plan (PGP)** gives you and your parent(s) a guide to use as you progress through high school. Review the plan each year to make sure you are taking the required courses for graduation. You must choose at least one endorsement to graduate from high school on the *Foundation High School Program*. Please refer to the HS Course Guide for a description of courses for more information and endorsement requirements. The courses should support your post-secondary plans. Students must earn 26 credits to graduate and pass the five required End-of-Course Exams: English I & II, Algebra I, Biology, and U.S. History. The *Distinguished Level of Achievement* is the default graduation plan at Cleburne High School because it is the most rigorous and is the only graduation plan accepted for state college admission. Too many math or science courses cannot harm either college or career prospects, but too few many affect a vast range of career and college possibilities that you may become interested in after graduation. Endorsement(s) and performance acknowledgements will be placed on your diploma and on your academic achievement record (transcript). Your counselor will be meeting with you to discuss your PGP and update it in the future, if necessary. You will also be selecting your courses and updating endorsement(s) with your counselor in the spring semester of each school year.

My Plan	1. Circle at least one endorsement you will pursue:		STEM	Business & Industry	Arts & Humanities	Public Service	Multidisciplinary Studies
2. Map out your planned course calendar:	Required Credits	8 th Grade HS Credits	9 th Grade	10 th Grade	11 th Grade	12 th Grade	
English/ELA	4		English I	English II	English III	English IV	
Math	4						
Science	4		IPC/Biology				
Social Studies	3				US History	Government & Economics	
Foreign Language	2						
Physical Education	1						
Fine Arts	1						
Electives & Required Endorsement Courses	7						
(A student completing an endorsement with CTE courses must complete a program of study.)							
3. Circle all performance acknowledgements you plan to achieve:	Dual Credit	Bilingualism or Biliteracy	AP Exams	PSAT/NMSQT	ACT/SAT	National or International Certifications	
4. Circle your plans for after high school:	Employment	Military	Technical School	Community College	Four Year College	Other	