

**MOUNT PLEASANT
HIGH SCHOOL**



COURSE GUIDE 2022-2023

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ASSURANCE OF NONDISCRIMINATION

The Mt. Pleasant Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or handicap in providing education services. Mr. Judd Marshall, Superintendent, has been designated to coordinate compliance with the discrimination requirements of the Title IX and the nondiscrimination requirements of Section 504 of the Rehabilitation Act of 1973, as amended.

INTRODUCTION

This course description guide provides a brief description of each course offered at Mt. Pleasant High School, lists prerequisites and special requirements, and includes credits required for graduation. Since students will be making selections for the entire year, it is imperative that parents and students work together during this process. A thorough review of the graduation requirements, various transcript options, course prerequisites, and policies regarding schedule changes are essential. As always, the high school administration and staff will help students make the best possible choices. Counselors will contact students if enrollment numbers for any class is not met.

SCHEDULE CHANGES

Schedule changes are discouraged. Please request changes within the first 5 school days of each semester. Credit will not be awarded after 10% of the days in each semester have been missed if a student changes a course or enters without having been enrolled in another school. Changes will be approved only under the following circumstances: • Completion of a scheduled course by alternate means. (Credit by Exam, summer school, correspondence courses, and college credit) • Level changes. (Transferring from Advanced to Regular classes and vice versa.) • Failure of course prerequisite to a scheduled course. • Change in the senior year to a course required for graduation. • Removal of a scheduled course from the school schedule. • Extenuating circumstances reviewed by the counselor and approved by the principal.

GRADUATION REQUIREMENTS

All students must earn credits for state-required subjects and electives as described on the following pages. Students must pass the State of Texas Assessments of Academic Readiness End of Course exams (STAAR EOC) for five subjects: English I, English II, Algebra I, Biology, and US History. Please contact the Counseling Office at 903-575-2020 if more information is needed.

EARLY GRADUATES

A student who intends to graduate early must declare that intention within the first three weeks of school at the beginning of the junior year. Students and parents must sign an early graduation letter that can be obtained from your counselor. Early graduates must meet MPHS graduation requirements in 3 years and must pass all portions of exit level testing in order to be declared a graduate. If early graduates have 20 credits at the beginning of the junior year, they will be promoted to senior status at that time. Otherwise, they will be promoted at mid-year. Early graduates will be ranked with the senior class after the fifth six weeks. They will be allowed to participate in senior activities whenever they are promoted to senior status. Careful consideration should be given that early graduates will be forfeiting their senior year. These students will be expediting the college entrance process and should therefore begin preparing for college by taking entrance exams and applying for financial aid by the fall of the junior year. For more information, students should see their counselor.

Mt. Pleasant High School Graduation Requirements

Subject Area	Foundation High School Program + Endorsement	Distinguished Level of Achievement
English 4 Credits	English I, II, III, & IV	English I, II, III, & IV
Math 4 Credits	<p>MUST INCLUDE: Algebra I, Geometry And two additional credits in advanced math</p> <ul style="list-style-type: none"> • Math Models • Algebra II • Pre-Calculus • AP Statistics • Calculus DC • Advance Quantitative Reasoning • Accounting II 	<p>MUST INCLUDE: Algebra I, Geometry, Algebra II and one additional credit in advanced math</p> <ul style="list-style-type: none"> • Math Models • Pre-Calculus • AP Statistics • Calculus DC • Advance Quantitative Reasoning • Accounting II
Science 4 Credits	<p>MUST INCLUDE: Biology, Chemistry, and 2 credits must be selected from the following laboratory-based courses</p> <ul style="list-style-type: none"> • Environmental Systems • Physics • AP Physics C • Anatomy & Physiology • Forensic Science • Advanced Animal Sciences • Research and Design • Environmental Science AP/DC • AP Biology 	<p>MUST INCLUDE: Biology, Chemistry, and 2 credits must be selected from the following laboratory-based courses</p> <ul style="list-style-type: none"> • Environmental Systems • Physics • AP Physics C • Anatomy & Physiology • Forensic Science • Advanced Animal Sciences • Research and Design • Environmental Science AP/DC • AP Biology
Social Studies 4 Credits	World Geography, World History, US History, Economics (.5 credits) & US Government (.5 Credits)	World Geography, World History, US History, Economics (.5 credits) & US Government (.5 Credits)
Fine Arts	1 Credit	1 Credit
Freshman Skills	1 Credit	1 Credit
Foreign Language 2 Credits	2 Credits of the same language	2 Credits of the same language
Technology Applications	1 Credit	1 Credit
Physical Education	1 Credit	1 Credit
Electives	May include CTE or certification courses. Credit requirement specific to at least one endorsement.	May include CTE or certification courses. Credit requirement specific to at least one endorsement.
TOTAL	26 Credits (Including an Endorsement)	26 Credits (MUST INCLUDE Algebra II and an Endorsement)

Note: Any required courses do include the regular, Pre-AP, Honors or AP courses. Please consult your Counselor for individual campus availability.

Foundation High School Program

Endorsement Requirements

Arts & Humanities: (see below)

- ❖ LOTE (4 credits) Spanish I-IV
- ❖ Fine Arts (4 credits) a coherent sequence from 1 or 2 of the following: Choir, Band, Theater, Dance, Art

Business & Industry: (4 credits from below)

- ❖ English Language Arts (4 credits, must include a 3-level sequence from Debate)
- ❖ CTE Cluster (4 credits including 2 from same cluster, 1 advanced course, +1) Clusters include:
 - Ag, Food & Natural Resources
 - Arts, Audio/Video Technology & Communication
 - Business, Finance, & Marketing
 - Construction
 - Cosmetology
 - Culinary Arts
 - Information Technology
 - Manufacturing
 - Transportation, Distribution, and Logistics

Multidisciplinary: (4 credits from below)

Foundation areas of English, Math, Science, and Social Studies (must have 4 credits in each and must include English IV, Chemistry and/or Physics)

Public Services: (4 credits from the clusters below—2 from one cluster, 1 advanced course, +1)

- Education & Training
- Law Enforcement
- Health Sciences

STEM: *Foundation must include: Algebra 2, Chemistry, and Physics*

- CTE (4 credits in coherent sequence from the Engineering cluster)
- Math (5 credits) Algebra I, Geometry, Algebra II, +2 for which Algebra II is a prerequisite
- Science (5 credits) Biology, Chemistry, Physics, +2

Foundation High School Program Performance Acknowledgements

A student may earn a Performance Acknowledgement for outstanding performance:

- In dual credit courses
 - In bilingualism and bi-literacy
 - On an AP test
 - On the PSAT, the SAT, or the ACT
 - For earning a nationally or internationally recognized business or industry certification or license. See your counselor or CTE Director for a list of approved certifications or licenses)
- ❖ A student may earn a Performance Acknowledgment on the student's transcript for outstanding performance in dual credit courses by completing:
- At least 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum, and advanced technical courses, with a grade of the equivalent of 3.0 or higher on a 4.0 scale **OR**
 - An associate degree while in high school.
- ❖ A student may earn a Performance Acknowledgment in bilingualism and bi-literacy by demonstrating proficiency in accordance with MPISD grading policy in two or more languages by:
- Completing all English language arts requirements and maintaining a minimum grade point average (GPA) of the equivalent of 80 on a scale of 100; **AND**
 - Completion of a minimum of three credits in the same language in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100.
 - In addition to the above two requirements to earn a Performance Acknowledgement in bilingualism and bi-literacy, an English Language Learner must also have:
 - Participated in and met the exit criteria for a bilingual or English as a second language (ESL) program; **AND**
 - Scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).
- ❖ A student may earn a Performance Acknowledgment on the student's transcript for outstanding performance on a College Board Advanced Placement test by earning a score of 3 or above.
- ❖ A student may earn a Performance Acknowledgment on the student's transcript for outstanding performance on the PSAT, the SAT, or the ACT by:
- Earning a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, as part of the National Hispanic Recognition Program (NHRP) of the College Board, or as part of the National Achievement Scholarship Program of the National Merit Scholarship Corporation.
 - Earning a total score of at least 1310 on the SAT;**OR**
 - Earning a composite score on the ACT examination of 28 (excluding the writing sub score).

SPECIAL PROGRAMS

Advanced Placement Courses

An Advanced Placement (AP) course is a **college-level** course taught on a high school campus by a high school teacher for a high school grade. The purpose of an AP course is ultimately to prepare the student for the AP Exam in that field of study. The Advanced Placement (AP) Program is sponsored by the College Board and administered by Educational Testing Service. Students can receive college credit by passing an AP EXAM. Students may take the AP class and not take the exam. Numerous colleges and universities participate in the AP program. Each college or university determines its own credit and placement policy. MPHS offers AP courses in the areas of Language Arts, Math, Science, Social Studies, Spanish, Music Theory, and Portfolio Art. Students enrolling in AP courses should consult the guidelines and requirements for those programs.

AP Courses

English III AP	AP Biology	AP Spanish Lang.
English IV AP	AP Physics C	AP Spanish Lit.
Calculus AP	World History AP	AP Studio Art Drawing
Statistics AP	US History AP	AP Studio Art (2D)
Environmental Science AP	US Govt/Eco. AP	AP Studio Art (3D)
		AP Music Theory

Pre-AP/ Honors Courses

Pre-AP and Honors courses are advanced courses designed to better prepare students for college. These courses are more rigorous than the regular courses. Pre-AP and Honors courses are both weighted as 7 point courses on the weighted GPA scale.

Pre-AP Courses

English I PAP
English II PAP
Biology PAP
Art III & IV PAP

Honors Courses

English III Honors
Algebra II Honors
Geometry Honors
Pre-Cal Honors
Chemistry I Honors
Physics Honors
Forensic Science Honors
Scientific Research & Design Honors
World Geography Honors
Spanish I, II & III Honors
Production Theatre III & IV Honors
Technical Theatre III & IV Honors

Correspondence Courses

Students are allowed to earn credit through correspondence courses. Courses are designed around the required course curriculum outlined and approved by TEA. Graduating students enrolled in correspondence courses to earn credits for graduation shall complete the course and submit the grade for recording at least 30 days prior to graduation in order to be eligible for graduation in May. A maximum of two (2) courses may be earned through correspondence. Correspondence courses may be taken only through Texas Tech University. Prior approval of the counselor must be obtained in order to receive credit through correspondence. The student or parent must pay the cost of each course. MPISD does not fund the cost of these courses. Correspondence courses will not earn grade points for ranking purposes.

Dual Enrollment Classes

Students are enrolled in a high school class, which may be taught by a college instructor or by a high school instructor employed by the college. The class can be located on the high school campus or at NTCC and must meet and exceed the Texas Essential Knowledge and Skills (TEKS) of the State Board of Education (SBOE). The college also grants credit for having completed the course. Students and/or parents assume full financial responsibility for the cost of dual enrollment classes. This includes tuition, fees, books, materials, travel, and any other related costs. Dual enrollment classes are open to sophomores, juniors, and seniors. Approved dual credit courses are: Government (Federal Government), Economics (Principles of Macroeconomics), English III (English Composition I & II), English IV (1st time taking Dual English - English Composition I & II; 2nd time taking Dual English – British Literature I & II), Algebra II (College Algebra), Pre-Calculus (College Trigonometry & College Pre-Calculus), Calculus (Calculus I), Chemistry II (Introductory Chemistry I & II), Environmental Science (Earth Sciences), Physics (General Physics I & II), Psychology (Intro to Psychology), Sociology (Intro to Sociology), Auto Body Repair I & II, Auto Technology I & II, Electrical Technology II, Practicum in Electrical Technology, , Law Enforcement II, Practicum in Health Science II – Medical Assisting, Practicum in Education and Training, and Practicum in Agriculture – Animal Science (Introduction to Animal Science). No other course work completed at the college will be recorded on the high school transcript or given grade points for ranking purposes. **Any Dual Enrollment course taken outside of normal school hours could earn up to 7 GPA points towards class rank. Any Dual Enrollment courses taken during normal school hours and on the MPHS campus as part of a coherent sequence could earn up to 8 GPA points towards class rank.** Students wishing to receive accommodations in a dual credit class must contact NTCC.

MPISD will pay dual credit tuition for students enrolled in an academic NTCC/MPISD dual credit course during the school day, if the student is in good standing with the high school. Please note that MPISD pays **only student tuition**, other costs such as any fees or textbooks will still be the responsibility of the student.

The qualifications to be in good standing are:

1. A student must not have withdrawn from a MPISD funded dual credit class after the deadline for a full refund and
2. The student must have passed all previous dual credit courses taken through this program.

If a student falls out of good standing, they may regain it by refunding the tuition to MPISD for the course. Any student may also pay their own tuition for any board approved dual credit course regardless of their standing in this program.

English as a Second Language Program

Students currently enrolled in the MPHS ESL program vary in their understanding and command of the English language. English language proficiency is measured in the areas of listening, speaking, reading, and writing. The secondary ELL student must contend with the acquisition of English language skills in order to be successful in classes and meet MPHS graduation requirements. The ESL program and its courses have been carefully designed to provide support for ELL students, with the expectation of academic success. The course schedule for a beginning ELL student will differ from the course schedule for an advanced ELL student.

ESL Course offering descriptions can be located within the core course offering sections as listed below:

- ❖ Language Arts: English I ELL and English II ELL
- ❖ Mathematics: Algebra I ELL
- ❖ Science: Biology I ELL

NCAA Academic Requirements

NCAA regulations stipulate that all academic “core” courses must be completed during high school for eligibility in Division I or Division II college athletics. Remedial and below-level courses do not qualify as “core” courses. Students attending all four years of high school at MPHS will meet the “core” requirements when they graduate under the Foundation High School Program with an Endorsement or the Foundation High School Program with Distinguished Achievement. NCAA Division I and Division II college eligibility requirements also include varying ACT/SAT and “core” course requirements. In order to meet NCAA requirements a student must have at least a 70 average each semester in core courses. Athletes need to register with the NCAA during their junior year. Students may register on-line at www.ncaaclearinghouse.com. NCAA approved core courses are listed below:

English

Debate
English I
English II
English III
English IV

Social Studies

Economics
Psychology
Sociology
US Government
US History
World History
World Geography

Natural/Physical Science

Anatomy & Physiology
Biology I
Biology AP
Chemistry I
Chemistry II
Environmental Systems
Physics
Astronomy
Forensic Science
AP Physics C
Scientific Research and Design
Environmental Science AP/DC

Math

Algebra I
Algebra II
Geometry
Pre- Calculus
Calculus AP
Statistics AP
AQR

Additional Core Courses

Spanish I, II, III, AP Spanish Language, AP Spanish Literature

Texas Scholars – The MPHS Texas Scholars Program is designed to recognize students who exhibit excellence through academics and community service.

Texas Scholar Requirements

- Foundation High School Program with Distinguished Achievement and one Performance Acknowledgement along with 8 hours of community service each year.
- Students must be enrolled and complete a full schedule on the MPHS campus and are subject to a disciplinary and attendance review.
- The community service hours cannot be the same hours used for other organizations on campus such as NHS, NTHS, or Student Council.

Testing Programs

AP EXAMS

Advanced Placement Exams are given on prescribed dates in May of each year. Advanced Placement Exams are sponsored by the College Board and allow students the opportunity to earn credit for college level work while still in high school. Advanced Placement (AP) courses are offered to prepare students for the AP Exams. Students may earn a Performance Acknowledgement by scoring a three (3) or better on an AP Exam. Fee required.

ASVAB

Armed Services Vocational Aptitude Battery is given to students to assist them in career planning. The ASVAB is administered on the high school campus at no cost to the students who sign up.

Credit-by-Exam for Acceleration (No Formal Prior Instruction)

A student in any grade (1-12) may use examinations in lieu of course work for acceleration to advance one grade level or to earn credit in an academic subject. Credit by Examination for Acceleration is administered on the high school campus. Students may earn credit for a course in which they have not been enrolled by scoring 80 or above on a CBE. There is no cost to the student for a Credit by Exam for Acceleration. Students interested in taking a CBE should see a counselor.

Credit-by-Exam (Prior Formal Instruction)

A student who has had prior instruction but has lost credit due to failing grades or excessive absences may re-gain credit for the course by passing a proficiency examination of the Texas Essential Knowledge and Skills (TEKS) for the course. However, the student may not use this examination to regain eligibility to participate in extracurricular activities. To receive credit, students shall score a grade of 70 or above on the exam.

STAAR End-of-Course Exam (EOC)

The EOCs will be administered to students in grades 9-11. There are five tests that students will have to pass in order to graduate: English I and II, Algebra, Biology, and U S History end-of-course exams. Additional test dates are provided for students not passing the assessments.

PSAT

The PSAT (Preliminary SAT)/National Merit Scholarship Qualifying Test is a co-sponsored program by the College Board and National Merit Scholarship Corporation (NMSC). The PSAT/NMSQT measures the critical reading, math problem solving, and writing skills that have been developed throughout the student's life. It does not measure things like creativity and motivation, and it does not recognize those special talents that may be important to colleges.

The PSAT is administered to MPHS students on a Tuesday in October of each year. Junior students taking the test will be attempting to qualify for the National Merit Scholarships. Sophomores taking the test will be practicing for the junior year.

GRADE POINTS

A weighted Grade Point Average (GPA) is used to determine class ranking and honor graduates. Grade points are earned for a particular grade in each semester of a course successfully completed and are only awarded at the end of each semester. The numerical grade earned will vary in grade points with the level of the course. Grade point conversion is as follows:

Numerical Grade	4	6	7	8
100	4.0	6.0	7.0	8.0
99	3.9	5.9	6.9	7.9
98	3.8	5.8	6.8	7.8
97	3.7	5.7	6.7	7.7
96	3.6	5.6	6.6	7.6
95	3.5	5.5	6.5	7.5
94	3.4	5.4	6.4	7.4
93	3.3	5.3	6.3	7.3
92	3.2	5.2	6.2	7.2
91	3.1	5.1	6.1	7.1
90	3.0	5.0	6.0	7.0
89	2.9	4.9	5.9	6.9
88	2.8	4.8	5.8	6.8
87	2.7	4.7	5.7	6.7
86	2.6	4.6	5.6	6.6
85	2.5	4.5	5.5	6.5
84	2.4	4.4	5.4	6.4
83	2.3	4.3	5.3	6.3
82	2.2	4.2	5.2	6.2
81	2.1	4.1	5.1	6.1
80	2.0	4.0	5.0	6.0
79	1.9	3.9	4.9	5.9
78	1.8	3.8	4.8	5.8
77	1.7	3.7	4.7	5.7
76	1.6	3.6	4.6	5.6
75	1.5	3.5	4.5	5.5
74	1.4	3.4	4.4	5.4
73	1.3	3.3	4.3	5.3
72	1.2	3.2	4.2	5.2
71	1.1	3.1	4.1	5.1
70	1.0	3.0	4.0	5.0
69 and below	0	0	0	0

Courses not included in class rank: STAAR EOC remediation courses, credit by exam, Correspondence courses, courses completed in summer school, courses completed in junior high, OJT, Study Hall, Office Aide, and others designated in this course guide. Those courses completed at the DAEP or ALC will be given a weight of 4.

LANGUAGE ARTS

1121E English I

Grade: 9

Credit: 1 State

Class Rank: 6

This course emphasizes the study of composition and literature. (The skills of critical thinking, listening, reading, writing and speaking are developed through increased knowledge of literary genres with practical application in creating a multi-paragraph essay culminating in the research paper format.) A variety of literature selections is used for improvement and comprehension, as well as for models to develop writing skills. Students complete outside readings and projects. A research project is required.

1123S English I ELL

Grade: 9

Credits: 2 State

Class Rank: 6

Prerequisite: LPAC Recommendation

English I ELL is specifically designed for students who are moving into the study of English grammar. Emphasis will be on building a strong base in the English language in grammar and vocabulary through a study of appropriate literature selections. In this course critical analysis of literature is undertaken with the practical application of creating multi-paragraph essays responding to the literature. Each assignment will be modified for the student's level of language proficiency. Students will research and present information demonstrating an understanding of the recursive nature of the writing process. Conventions of usage and the mechanics of written English will be stressed.

1130QE English I Pre-AP

Grade: 9

Credit: 1 State

Class Rank: 7

This course is designed to guide students to an understanding of the varied meanings of language through a wide variety of texts including short stories, novels, audiotapes, films, poetry, plays, and the visual arts. The common thread that binds the fabric of this course is the search to recognize the underlying metaphoric implications that are inherent in all forms of written expression. (Students expand their understanding of these concepts throughout the year as they read, discuss, explore, and write.) The core of the curriculum is writing and reading. Research papers and projects are required.

1221E English II

Grade: 10

Credit: 1 State

Class Rank: 6

In this course critical analysis of literature is undertaken with the practical application of creating multi-paragraph essays responding to the literature. A variety of literary genres are utilized as models for composition, literary interpretations and appreciation. A research paper is required.

1223S English II ELL

Grade: 10 Credits: 2 State

Class Rank: 6

Prerequisite: LPAC Recommendation

This course is designed for students in ELL who are ready to expand the study of English grammar after having successfully completed English I ELL. Emphasis will be placed on building a strong base in the English language in grammar and vocabulary through emphasis on the study of appropriate selections of literature. It also re-emphasizes usage and spelling through the study of multi-paragraph essays. A research project is required. In this course critical analysis of literature is undertaken with the practical application of creating multi-paragraph essays responding to the literature. This rigorous composition course requires students to skillfully research a topic and present information through a variety of media.

1230QE English II Pre-AP

Grade: 10 Credit: 1 State

Class Rank: 7

Prerequisite: Successful completion of English I (preferably Pre-AP)

This course is designed for students with a notably strong interest in literary study and writing and who have demonstrated that interest through commitment to intensive, accelerated work. The course introduces students to English as a scholarly discipline featuring critical analysis and careful attention to language. As readers and writers, students consider literary texts from a variety of perspectives while they develop their own writing techniques. Students sharpen their information gathering skills and synthesize various opinions into an informed conclusion through several research projects. Outside readings are required. This course will also serve as an introduction to online coursework.

1321 English III

Grades: 11 Credit: 1 State

Class Rank: 6

Students encounter and consider American writing and literature through the study of short selections as well as noted literary works. Regular student writing for a variety of purposes augments and enhances the experience of assigned readings. Development of communication competencies involving listening, speaking, group work, vocabulary, and writing-on-demand are additional elements of the course. SAT preparation is included. A research paper is required.

1340Q English III Honors

Grades: 11 Credit: 1 State

Class Rank: 7

Prerequisite: Successful completion of English II

This course will count as an English III credit. This course is designed for students with an interest in multi-cultural literary study. Students will experience cultural diversity through the study of American writers from various ethnicities. Through reading of multicultural texts, students should become aware of the interactions among a writer's purpose, audience expectation, and subject as well as the way generic conventions and the resources of language contribute to effective writing. This course will feature critical analysis and careful attention to language. As readers and writers, students consider literary texts from a variety of perspectives while they continue to develop their own writing techniques. Students will also sharpen their research and synthesis abilities in order to evaluate opinions and reach conclusions during a major research project.

1350P English III AP

Grade: 11

Credit: 1 State

Class Rank: 8

Prerequisite: Successful completion of English II (preferably Pre-AP)

The AP English Language and Composition course is designed to help students become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and to become skilled writers who can compose for a variety of purposes. Through their writing and reading in this course, students should become aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way generic conventions and the resources of language contribute to effective writing. The intense concentration on language usage in this course should enhance the student's ability to use grammatical conventions both appropriately and with sophistication as well as to develop stylistic maturity in his or her prose. Emphasis will be on preparing students to take the AP exam at the end of the course. Several research projects are required. This course incorporates online coursework into the curriculum.

1350D English III Dual Credit

Grades: 11

Credit: 1 State

Class Rank: 8

Prerequisite: Successful completion of English II (preferably Pre-AP) Prerequisite: Meet all admission requirements to Northeast Texas Community College including TSI Assessment. Tuition must be paid to NTCC. Students will have the opportunity to earn college credit in ENGL 1301/ENGL 1302 through NTCC. Students wishing to receive accommodations in a dual credit class must contact NTCC.

This course is designed to be an intensive study of and practice in writing process from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis will be placed on effective rhetorical choices, including audience, purpose, arrangement, and style. Students will focus on writing the academic essay as a vehicle of learning, communicating, and critical analysis.

The goal of this course is to help students grow as thinkers and writers. Higher order skills acquired in thinking and writing help students process information in a rapidly changing world and reflect on the deeper meanings of print and visual media. Students who utilize the rhetorical tools and strategies achieve a level of sophistication in writing that invites audiences to join them in examining issues from multiple layers of meaning. In the process students begin to take a more disciplined approach to writing and develop their voices through every day and argumentative writing.

1421 English IV

Grade: 12 Credit: 1 State

Class Rank: 6

This course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the careful reading of selected texts, students can deepen their understanding of ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone.

The course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. Students read works from several genres and periods – from the sixteenth to the twentieth century—but, more importantly, they get to know a few works well. They read deliberately and thoroughly, taking time to understand a work's complexities, to absorb its richness of meaning, and to analyze how that meaning is embodied in literary forms. In addition to considering a work's literary artistry, students consider the social and historical values it reflects and embodies. Careful perspectives are brought to bear on the literary works studied. Writing is an integral part of English IV. Writing assignments focus on the critical analysis of literature and include expository, analytical, and argumentative essays. Writing instruction includes attention to developing and organizing ideas in clear, coherent, and persuasive language, a study of the elements of style, and attention to precision and correctness as necessary. Throughout the course, emphasis is placed on helping students develop stylistic maturity. Multiple research papers are required.

1450P English IV AP

Grade: 12 Credit: 1 State

Class Rank: 8

Prerequisite: Successful completion of English III (preferably AP or Dual Credit)

This course is designed to be a college/university-level course and follows the curricular requirements described in the AP English Course Description. This course will provide you with the intellectual challenges and workload consistent with a typical undergraduate university English literature/humanities course, including studying representative works from various genres and periods. Students will focus on critical analysis of literature including expository, analytical, and argumentative essays as well as creative writing to sharpen understanding of the writer's craft, accomplishments and more fully appreciate literary artistry, and becoming more aware through speaking, listening, reading, and chiefly writing of the resources and power of language. Because this is a literature and composition course, the student will be expected to use every assignment that involves writing to practice his/her best composition skills. Composition assignments will include: statements, paragraphs, timed writings (essay tests), and formal essays (personal, expository, and argumentative) and a formal research paper with appropriate documentation in MLA or APA format. No matter the assignment, the student's best composition skills are expected. We will work with various composition constructions, Standard Written English, sentence variety, and word choice as you progress through the course. Multiple research papers and projects requiring outside reading and research will be assigned.

1450D English IV - Dual Credit - 1st time taking Dual English

Grade: 12

Credit: 1 State

Class Rank: 8

*Prerequisite: Successful completion of English III (preferably Honors or AP); Meet all admission requirements to Northeast Texas Community College including TSI Assessment. Tuition must be paid to NTCC. Students will have the opportunity to earn college credit in **English ENGL 1301/ENGL 1302**. Students wishing to receive accommodations in a dual credit class must contact NTCC.*

This course is designed to be an intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis.

The goal of this course is to help students grow as thinkers and writers. Higher order skills acquired in thinking and writing help students process information in a rapidly changing world and reflect on the deeper meanings of print and visual media. Students who utilize the rhetorical tools and strategies achieve a level of sophistication in writing that invites audiences to join them in examining issues from multiple layers of meaning. In the process students begin to take a more disciplined approach to writing and develop their voices through every day and argumentative writing.

1451D English IV - Dual Credit - 2nd time taking Dual English

Grade: 12

Credit: 1 State

Class Rank: 8

*Prerequisite: Successful completion of English III Dual Credit; Meet all admission requirements to Northeast Texas Community College including TSI Assessment. Tuition must be paid to NTCC. Students will have the opportunity to earn college credit in **ENGL 2322/ENGL 2323** through NTCC. Students wishing to receive accommodations in a dual credit class must contact NTCC.*

This course is designed to be a survey of the development of British Literature from the Anglo-Saxon period to contemporary works. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors throughout the British Literature tradition, and students will practice the writing process from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis will be placed on literature analysis with particular attention to themes, historical context, point of view, symbolism, arrangement, and style. Students will focus on writing the analytical essay as a vehicle of learning, communicating, and critical analysis.

The goal of this course is to help students grow as thinkers and writers. Higher order skills acquired in thinking and writing help students process information in a rapidly changing world and reflect on the deeper meanings of print and visual media. Students who utilize the analytical tools and strategies achieve a level of sophistication in writing that invites audiences to join them in examining issues from multiple layers of meaning. In the process students begin to take a more disciplined approach to writing and develop their voices through analytical writing.

MATHEMATICS

2122E Algebra I

Grade: 9

Credit: 1 State

Class Rank: 6

This is the initial high school mathematics course and the foundation for all subsequent mathematics courses. Emphasis will be placed upon the development of understandings of basic mathematical principles as well as upon mechanical manipulation with rules and special techniques. Students are taught to understand why an algebraic procedure works, as well as how it works.

2221 Geometry I

Grades: 9 – 10

Credit: 1 State

Class Rank: 6

Prerequisite: Successful completion of Algebra I

This course is the second course in the sequence of high school mathematics and includes the essentials of plane, solid and coordinate geometry. The emphasis will be on logical thinking and accepting premises and arriving at proper conclusions.

2231Q Geometry I Honors

Grades: 9 – 10

Credit: 1 State

Class Rank: 7

Prerequisite: Successful completion of Algebra I

This course is the second course in the sequence of high school mathematics and includes the essentials of plane, solid and coordinate geometry. The emphasis is on logical thinking and accepting premises and arriving at proper conclusions.

2341 Math Models

Grades: 10 – 12

Credit: 1 State

Class Rank: 6

Prerequisite: Successful completion of Algebra I and Geometry

This course is not for those students who have completed Algebra II.

This course requires students to use algebraic, graphical and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Students use mathematical methods to model and solve real life applied problems involving money, data, chance, patterns, music, design, and science. Students use mathematical models from Algebra, Geometry, probability, and statistics to solve problems from a wide variety of advanced applications. Students use a variety of representations, tools, and technology to link modeling techniques and purely mathematical concepts and to solve applied problems.

2321 Algebra II

Grades: 10 – 12

Credit: 1 State

Class Rank: 6

Prerequisite: Successful completion of Algebra I and Geometry

This course is the third course in the sequence of high school mathematics and includes open sentences, functions, quadratic functions, rational functions, square root functions, conic sections, exponential and logarithmic functions, and probability.

2331Q Algebra II Honors

Grades: 10 - 12

Credit: 1 State

Class Rank: 7

Prerequisite: Successful completion of Algebra I and Geometry (preferably Pre-AP)

This course is the third course in the sequence of high school mathematics and includes open sentences, functions, quadratic functions, rational functions, piecewise functions, square root functions, conic sections, exponential and logarithmic functions, sequences and series, and probability.

2331D Algebra II Dual Credit

Grades: 10 – 12

Credit: 1 State

Class Rank: 8

Prerequisite: Successful completion of Algebra I and Geometry (preferably Pre-AP). Students must meet all admission requirements to Northeast Texas Community College including the TSI Assessment. Tuition must be paid to NTCC. Students will have the opportunity to earn college credit in MATH 1314 through NTCC.

This course is the third course in the sequence of high school mathematics and includes open sentences, functions, quadratic functions, rational functions, piecewise functions, square root functions, conic sections, exponential and logarithmic functions, sequences and series, and probability.

2335 Advanced Quantitative Reasoning (AQR)

Grades: 11 – 12

Credit: 1 State

Class Rank: 6

Prerequisites: Successful completion of Algebra I, Geometry, and Algebra II

Advanced Quantitative Reasoning (AQR) is a mathematics course that follows Algebra I, Geometry, and Algebra II. The course emphasizes statistics and financial applications, and it prepares students to use algebra, geometry and discrete mathematics to model a range of situations and solve problems.

2421 Pre-Calculus

Grades: 11 – 12

Credit: 1 State

Class Rank: 6

Prerequisites: Successful completion of Algebra II and Geometry

This class will be a full year offering that will cover the fundamentals of Trigonometry and Elementary Analysis as well as prepare the student for Calculus. Students who are interested in a science or mathematics college curriculum should take this class.

2431Q Pre-Calculus Honors

Grades: 11 – 12

Credit: 1 State

Class Rank: 7

Prerequisites: Successful completion of Algebra II and Geometry (preferably Pre-AP)

This class will be a full year offering that will cover the fundamentals of Trigonometry and Elementary Analysis as well as prepare the student for Calculus. Students who are interested in a science or mathematics college curriculum should take this class.

2431D Pre-Calculus Dual Credit

Grades: 11 – 12

Credit: 1 State

Class Rank: 8

Prerequisite: Successful completion of Algebra II (preferably Pre-AP or Dual). Students must meet all admission requirements to Northeast Texas Community College including the TSI Assessment. Tuition must be paid to NTCC. Students will have the opportunity to earn college credit in MATH 1316/MATH 2312 through NTCC.

This class will be a full year offering that will cover the fundamentals of Trigonometry and Elementary Analysis as well as prepare the student for Calculus. Students who are interested in a science or mathematics college curriculum should take this class.

2551D Calculus Dual Credit

Grade: 12

Credit: 1 State

Class Rank: 8

Prerequisite: Successful completion of Pre-Calculus Dual Credit. Students must meet all admission requirements to Northeast Texas Community College including the TSI Assessment. Tuition must be paid to NTCC. Students will have the opportunity to earn college credit in MATH 2413 through NTCC.

Calculus I is a standard first course in Calculus. Topics include differentiation of algebraic and trigonometric functions, differentiation formulas, applications of the derivative, mean value theorem, maxima/minima, point of inflection, curve sketching, antiderivatives, definite and indefinite integrals, upper and lower sums, and the fundamental theorem.

2552P Statistics AP

Grades: 11 – 12

Credit: 1 State

Class Rank: 8

Prerequisite: Successful completion of Pre-Calculus or concurrent enrollment in Pre-Calculus This is a class designed to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns, and making statistical inferences. This class is designed to prepare the student for the Statistics AP exam.

8C161 Accounting II

Grade: 12

Credit: 1 State

Class Rank: 7

Prerequisite: Accounting I

This course provides for review and further development of fundamental accounting principles with extensive use of technology; incorporates complete accounting cycle in relation to formation and dissolution of partnerships. This course includes adjustments of bad debts, depreciation, depletion of fixed assets, adjusted and accrued income, various methods of inventory control, preparation of business budgets and promissory notes receivable and payable. It provides experience in initiating and maintaining an accounting system and in analyzing, interpreting, and synthesizing managerial problems using accounting information as a tool; and develops skill in applying principles used in accounting systems and methods commonly found in business. Accounting II is designed for students interested in studying accounting at the post-secondary level or entering the workforce.

SCIENCE

3461 Environmental Systems

Grade: 9 – 10

Credit: 1 State

Class Rank: 6

Students will investigate the natural world and its systems with emphasis on human activity and our effect on the natural world. Laboratory investigations are conducted using scientific methods and problem solving. Knowledge of general science is an integral part of this course.

3221E Biology I

Grade: 10 – 12

Credit: 1 State

Class Rank: 6

Students in Biology study the origin, structure, reproduction and growth of living organisms, and how they interact with each other and their environment.

3230QE Biology I Pre-AP

Grade: 9 – 10 Credit: 1 State

Class Rank: 7

This course is an in-depth study of Biology I and designed for the advanced ninth grade science student. Students enrolling in this class should be willing to go into Biology AP.

3321 Chemistry I

Grades: 10 – 12 Credit: 1 State

Class Rank: 6

Prerequisite: Successful completion of Biology I and Algebra I.

Chemistry is a study of the nature of matter and changes in its composition including structural study. The course uses a combination of lecture and laboratory work. It involves a large amount of mathematics. This is recommended for the college-bound student.

3330Q Chemistry I Honors

Grades: 10 – 12 Credit: 1 State

Class Rank: 7

Prerequisite: Successful completion of Biology I and Algebra I (preferably Pre-AP)

Chemistry is a study of the nature of matter and changes in its composition including structural study. The course uses a combination of lecture and laboratory work. It involves a large amount of mathematics. This is recommended for the college-bound student. Students should be planning to enter Chemistry II AP the following year.

3521P/3521D Environmental Science AP/Dual Credit

Grades: 11 – 12

Credit: 1 State

Class Rank: 8

Prerequisite: *Successful completion of Biology I and Chemistry I (preferably Pre-AP) and completion of Algebra 1. Must meet all admission requirements to Northeast Texas Community College including the TSI Assessment. Tuition for dual credit must be paid to NTCC. Students will have to opportunity to earn college credit in Geology **Fall GEOL 1301/GEOL 1101; Spring GEOL 1302/GEOL 1102** through NTCC.*

This course provides an investigative approach to the interrelationships of the natural world on Earth through the study of the fundamental concepts, principles, and methodologies of science, with an emphasis on inquiry and critical thinking skills, including problem solving and experimental investigations. Students will learn how to utilize scientific processes to analyze data obtained through scientific investigations in class and in lab/field work. The class will guide students in understanding and interpreting scientific data and drawing logical conclusions

Topics of study include Earth's History, Earth Systems and Resources, Energy Flow, Land and Water Use, Energy Resources and Consumption, Pollution, Agriculture, Populations, Conservation, The Living World and Global Change.

3250P AP Biology

Grade: 11 – 12

Credit: 1 State

Class Rank: 8

Prerequisite: *Successful completion of Biology I and Chemistry I (preferably Pre-AP)*

This course provides an in-depth study of biochemistry, cellular biology, biogenetics, cellular energetics, evolution, plant and animal physiology, and ecology, along with college level labs to illustrate these concepts. Emphasis will be on preparing students to take the AP exam at the end of the course. It is recommended that students wishing to take the AP exam also have completed or be enrolled in Human Anatomy and Physiology.

3430Q Physics Honors

Grades: 11 – 12

Credit: 1 State

Class Rank; 7

Prerequisite: *Successful completion of Chemistry I and Algebra II (preferably Pre-AP) and concurrent enrollment in Pre-Calculus.*

Physics Honors includes the lecture and laboratory study of force and motion, thermal energy, wave phenomena, kinetic theory, light and optics, and electricity and magnetism. Many labs will involve the use of CBL's and computer graphical analysis. This course is recommended for students planning to take any college science.

3450D Physics – Dual Credit

Grades: 11 – 12

Credit: 1 State

Class Rank: 8

Prerequisites: *Student must be concurrently enrolled in Pre-AP Pre-Calculus, Dual Credit Pre-Calculus, or Calculus AP. For dual credit, students must meet all admission requirements to NTCC including the TSI Assessment. Tuition must be paid to NTCC. Students will have the opportunity to earn college credit in PHYS 1401/PHYS 1402 through NTCC.*

This course is an algebra-based general college physics course. During the first semester we will explore topics including Newtonian mechanics (including rotational motion); work, energy, and power; momentum methods; fluid mechanics; thermodynamics; and mechanical waves and sound. During the second semester we will explore topics including electrostatics; electrical circuits; electromagnetism; physical and geometric optics; quantum, atomic, and nuclear physics.

3450P AP Physics C Mechanics, Electrical, and Magnetism

Grade: 12

Credit: 1 State

Class Rank: 8

Prerequisites: Successful completion of Dual Credit Physics and be concurrently enrolled in Dual Credit Calculus.

These courses are each equivalent to a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The first semester Mechanics course explores topics such as kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. The second semester Electricity and Magnetism course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course.

8C840 Anatomy & Physiology

Grades: 11 – 12

Credit: 1 State

Class Rank: 7

Prerequisite: Successful completion of Biology and Chemistry I.

Recommended for students in the Health Science Career Cluster.

In Anatomy and Physiology, students 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 study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

8C335 Forensic Science

Grades: 11 – 12

Credit: 1 State

Class Rank: 6

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

8C335Q Forensic Science Honors

Grade: 11 – 12

Credit: 1 State

Class Rank: 7

Prerequisite: Biology; Chemistry or Physics; and Principles of Law, Public Safety, Corrections & Security.

This course covers the same concepts as Forensic Science. The content is studied in greater depth, includes advanced math calculations in topics as blood spatter and ballistics and may include additional topics. This course is highly recommended for students interested in pursuing a career in law, public safety, corrections, and security occupations.

8C428 Scientific Research and Design

Grades: 11 – 12 Credit: 1 State

Class Rank: 6

Prerequisites: Biology and Chemistry

This course is a project-based learning course. In this course students will learn about the nature of science, methods of scientific inquiry, and the application of scientific information in society. Students will complete independent and collaborative research projects wherein they will design and execute experiments, and present their findings using a variety of media.

8C428Q Scientific Research and Design Honors

Grades: 11 – 12 Credit: 1 State

Class Rank: 7

Prerequisites: Biology and Chemistry

The goal of this course is for students to experience scientific research as scientists do. They will be challenged because there is no right answer. The teacher will guide and brainstorm with students as a facilitator, but students will be expected to learn how to guide themselves. Students will learn to read and analyze scientific articles, design an experiment, ask good experimental questions, operationalize variables, gather data, analyze results and draw conclusions. Also, they will be expected to deliver presentations on their research and eventually either look for external mentors with whom they can develop their own research ideas into original scientific projects or design and carry out their own in-house, independent research.

8C556 Advanced Animal Science

Grade: 12

Credit: 1 State

Class Rank: 7

Qualifies as a 4th Science.

Prerequisite: Livestock Production

This course 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.

SOCIAL STUDIES

4121 World Geography

Grade: 9

Credit: 1 State

Class Rank: 6

Students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of the world population; relationships among people, places, and environments; and the concept of region. Students analyze how location affects economic activities in different economic systems. Students identify the processes that influence political divisions of the planet and analyze how different points of view affect the development of public policies. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. Students use problem-solving and decision-making skills to ask and answer geographic questions.

4130Q World Geography Honors

Grade: 9

Credit: 1 State

Class Rank: 7

Students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of the world population; relationships among people, places, and environments; and the concept of region. Students analyze how location affects economic activities in different economic systems. Students identify the processes that influence political divisions of the planet and analyze how different points of view affect the development of public policies. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. Students use problem-solving and decision-making skills to ask and answer geographic questions.

4221 World History

Grade: 10

Credit: 1 State

Class Rank: 6

World History Studies is an overview of the entire history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world. Students evaluate the causes and effects of political and economic revolution and of major political revolutions since the 17th century. Students examine the impact of geographic factors on major historic events and identify the historic origins of contemporary economic systems. Students analyze the process by which democratic-republican governments evolved as well as the ideas from historic documents that influenced that process. Students examine the history and impact of major religious and philosophical traditions. Students analyze the connections between major developments in science and technology and the growth of industrial economies.

4250P World History AP

Grade: 10

Credit: 1 State

Class Rank: 8

The AP course in World History invites students to take a global view of historical processes and contacts between people in different societies—with emphasis on the period after 1000 BC. Emphasis on analytical and writing skills necessary for success in a college-level history course will be a major focus. To this end, the course devotes considerable time to the critical evaluation of primary and secondary sources, analysis of historiography, oral presentations, short essays, a major research paper, and the development of a document-based question. Concepts will be employed throughout the course, though the basic approach will be chronological. Students will pay particular attention to change and continuity over time, to the characteristic institutions and values of societies, and to the way such institutions and values are affected as a result of cultural contacts among peoples. Our continuing question will be “What is the world historical significance of the experience which we are discussing?” This course examines the history of human experience from a global perspective from gathering-hunting groups and early agricultural societies into major civilizations. Other complex societies will be traced. Emphasis will be on preparing students to take the AP exam at the end of the course.

4321E U.S. History

Grade: 11

Credit: 1 State

Class Rank: 6

This course is a survey of the U.S. History from the Post-Reconstruction period following the Civil War to the present. Topics studied are Reconstruction, the West, the Industrial Revolution, the Agrarian Revolution, the Progressive Movement, Imperialism, World War I, the Twenties, the Great Depression, World War II, and major foreign and domestic problems of the 50’s through the 80’s.

4350PE U.S. History AP

Grade: 11

Credit: 1 State

Class Rank: 8

This course is designed to provide a college-level experience and preparation for the U.S. History AP Exam. It is a year-long survey of American history from the age of exploration to the present. Emphasis is on interpreting documents, mastering a significant body of factual information, and writing critical essays. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Besides lectures or PowerPoint presentations on important themes of U.S. History, students are expected to participate in class verbally through discussions of primary documents and events of key issues. Students are expected to continually develop their writing skills through regular short essays and document-based questions; and maintain a notebook of all their class materials. This course will move at a fast pace and students should expect to do something for this class every day.

4421 U. S. Government

Grade: 12

Credit: .5 State

Class Rank: 6

The focus is on the principles and beliefs upon which the United States was founded and on the structure, function, and powers of government at the national, state, and local levels. This course is the culmination of the civic and governmental content and concepts studied from Kindergarten through required secondary courses. Students learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights and compare the U.S. system of government with other political systems. Students identify the role of government in the U.S. free enterprise system and examine the strategic importance of places in the United States. Students analyze the impact of individuals, political parties, interest groups, and the media on the American political system, evaluate the importance of voluntary individual participation in a democratic society, and analyze the rights guaranteed by the U.S. Constitution. Students examine the relationship between governmental policies and the culture of the United States.

4422 Economics

Grade: 12

Credit: .5 State

Class Rank: 6

Economics with emphasis on the free enterprise system and its benefits is the culmination of the economic content and concepts studied from Kindergarten through required secondary courses. The focus is on the basic principles concerning production, consumption, and distribution of goods and services in the U.S. and a comparison with those in other countries around the world. Students examine the rights and responsibilities of consumers and businesses. Students analyze the interaction of supply, demand, and price and study the role of financial institutions in a free enterprise system. Types of business ownership and market structures are discussed, as are basic concepts of consumer economics. The impact of a variety of factors including geography, the federal government, economic ideas from important philosophers and historic documents, societal values, and scientific discoveries and technological innovations on the national economy and economic policy is an integral part of the course.

4450P/4451P U.S. Government and Economics AP

Grade: 12

Credit: 1 State

Class Rank: 8

AP Government will provide the student with the opportunity to examine local, state, and federal government through readings and research. Students will be given the opportunity to put those skills into action through mock elections, research papers, and classroom presentations. The student will be expected to express orally, in writing, and visually through interpretative graphs, charts, and maps the concepts learned. The history of politics will introduce the functions of politics as students incorporate current events to reinforce skills and concepts learned within the curriculum. Emphasis will be on preparing students to take the AP exam at the end of the course. AP Economics is a study of Macroeconomics or the broad picture of economic systems as they relate in the world, with emphasis on the free market system. It is designed to replicate a college level course—including both skills and research. Writing analytical answers to free-response timed questions, including graphs or curves, is an integral part of this course. Students will also integrate current events as they relate to the study of the economy. Emphasis will be on preparing students to take the AP exam at the end of the course.

4460/4465 U.S. Government and Economics Dual Credit

Grade: 12

Credit: 1 State

Class Rank: 8

Counselor approval required

Prerequisite for Dual Credit: Meet all admission requirements to Northeast Texas Community College including the TSI Assessment. Tuition must be paid to NTCC. Students will have the opportunity to earn college credit in GOVT 2305/ECON 2301 through NTCC.

US Government Dual Credit is a survey of the United States constitutional systems: executive, judicial, and legislative. Emphasis is on foreign and military policies, economic and financial developments, political parties and ideologies, bureaucracies, and the impact of public opinion, pressure groups, and mass media on elections. World affairs are stressed with respect to their impact on the United States.

Economics Dual is an introduction to the study of general economic principles. Such topics as economic systems, demand and supply, business organizations, gross national product, unemployment, inflation, fiscal policy, monetary policy, interest rates, and business cycles are discussed. Macroeconomics and current economic topics are emphasized.

LANGUAGES OTHER THAN ENGLISH

SPANISH

5321 Spanish I

Grade: 9 - 11 Credit: 1 State

Class Rank: 6

This course is for non-Spanish speaking students and is an introduction to the Spanish language and cultures of Spanish speaking countries with emphasis on the culture of Latin America. This course emphasizes the development of the language in the four skills of listening, speaking, reading and writing. Class participation is essential toward the development of oral proficiency. This course includes projects.

5321Q Spanish I Honors

Grade: 9 - 11 Credit: 1 State

Class Rank: 7

This course is for non-Spanish speaking students and is a more advanced and rigorous version of Spanish I Monolingual. This course emphasizes the development of the language in the four skills of listening, speaking, reading and writing. Class participation is essential to the development of oral proficiency and is a requirement. This course includes more advanced projects, and follows a pathway to earn a performance acknowledgement, ending in Spanish III Honors.

5322 Spanish I for Spanish Speakers

Grade: 9 - 11 Credit: 1 State

Class Rank: 6

This class is a specialized class for Spanish speakers who share similar levels of oral proficiency in the language. It is designed to expand and enrich existing knowledge of the language, focusing on listening, speaking, reading, and writing skills and based in studies of Latin American culture.

5322Q Spanish I Honors for Spanish Speakers

Grade: 9 - 11 Credit: 1 State

Class Rank: 7

This course is designated for students who are able to speak and understand spoken Spanish. It is a more rigorous and profound version of Spanish 1 for Spanish Speakers. It is recommended for students with high motivation for academic achievements and excellent work ethics, who, in addition, may pursue the AP Spanish Language and Culture and the AP Spanish Literature and Culture levels of Spanish, equivalent to the beginner college courses. While building the foundation of oral communication and listening comprehension in the class conducted entirely in Spanish, the students are driven to improve their skills in interpretative reading and written communication. They are also introduced to authentic audio, audiovisual and print texts with the purpose of creating cultural connections and comparisons. This course includes multimedia projects.

5323 Spanish II

Grade: 9 - 12 Credit: 1 State

Class Rank: 6

Prerequisite: Successful completion of Spanish I

This course, a continuation of Spanish I, emphasizes the continuing development and reinforcement of the language in the skills of listening, speaking, reading, and writing. Grammar is more difficult at this level with the introduction of several verb tenses. Students planning to take Spanish III Honors are recommended to take Spanish II Honors.

5323Q Spanish II Honors

Grade: 9 -12 Credit: 1 State

Class Rank: 7

Prerequisite: Successful completion of Spanish I

This course is a more advanced and rigorous version of Spanish II that is designed to prepare students to be successful in Spanish III Honors. Students will be required to make every effort to speak a majority of the time in Spanish, while learning more about the language, culture and current issues facing Latin America. This course includes projects, and follows a pathway to earn a performance acknowledgement, ending in Spanish III Honors.

5324 Spanish II for Spanish Speakers

Grade: 9 - 12 Credit: 1 State

Class Rank: 6

Prerequisite: Successful completion of Spanish I

This course, a continuation of Spanish I for Spanish speakers, emphasizes the continuing development and reinforcement of the language in the skills of listening, speaking, reading, and writing. Grammar is more difficult at this level with the introduction of several verb tenses. Students will be introduced to the culture, history, and literature of several Spanish speaking countries in Central America.

5324Q Spanish II Honors for Spanish Speakers

Grade: 9 - 12 Credit: 1 State

Class Rank: 7

Prerequisite: Successful completion of Spanish I (preferably Honors)

This course, a continuation of Spanish I for native Spanish speakers, emphasizes the continuing development and reinforcement of the language in the skills of listening, speaking, reading, and writing. It is a more rigorous and profound version of Spanish 1 for Spanish Speakers. It is recommended for students with high motivation for academic achievements and excellent work ethics, who, in addition, may pursue the AP Spanish Language and Culture and the AP Spanish Literature and Culture levels of Spanish, equivalent to the beginner college courses. Grammar is more difficult at this level with the introduction of several verb tenses. Students are systematically introduced to authentic audio, audiovisual and print texts with the purpose of creating cultural connections and comparisons. They are also introduced to the culture, history and literature of Latin America countries. This course includes multimedia projects.

5331Q Spanish III Honors

Grade: 9 - 12 Credit: 1 State

Class Rank: 7

Prerequisite: Successful completion of Spanish II (preferably Honors)

Students will be able to achieve an acceptable level of accuracy when participating in casual conversations. At this level, the student will begin to comprehend authentic texts of prose and poetry and will be able to write at an advanced level. This course is designed to prepare students to move on to the AP Language level.

5330 Spanish IV Honors (will be offered in the 23-24 school year)

Grade: 10 - 12 Credit: 1 State

Class Rank: 7

Prerequisite: Successful completion of Spanish III Honors

Spanish IV Honors is a yearlong course that encompasses the fourth level of studies in the Spanish language and builds on skills learned in the first three years. The course expands the students' knowledge of the Spanish language in: Communication, Cultures, Connections, Comparisons, and Communities. The student will continue to improve listening, speaking, reading and writing skills through activities based on pedagogically proven strategies of language instruction. They will expand their vocabulary on a variety of topics as well a review and advance grammatical concepts and tenses that were previously learned in Spanish levels I-III. Throughout the course, students will be exposed to the culture of the Spanish speaking world to advance their understanding of its people, geographical locations and histories. Spanish IV serves as a preparation for the next level of language course - AP Spanish Language and Culture.

5350P AP Spanish Language and Culture

Grade: 11 - 12 Credit: 1 State

Class Rank: 8

Prerequisite: Successful completion of Spanish IV Honors

Students will be immersed in the language in preparation for the AP Spanish Language and Lecture exam which students are expected to take at the end of the course. The emphasis in AP Spanish Language is to add understanding of more complex structures present in dealing with topics and ideas more complicated than basic needs; to bring culture, history, and geography of Spanish speaking countries of Latin America into closer focus; and to facilitate increasing ability to listen with comprehension, speak with greater correctness, read more rapidly and accurately and write with a variety of vocabulary and sentence structure. Oral proficiency is stressed, and there is much emphasis placed on all verb tenses. Students will engage in the AP with WE Service Project geared towards understanding of the effects of poverty on education. They will investigate the topic, create an action plan with one local and one global action, implement their action plan and celebrate their success. Student who successfully meet the recognition requirements for the AP with WE Service can earn a program recognition that will be reported to higher educational institutions on ETS Score Reports.

5332P AP Spanish Literature and Culture

Grade: 11 - 12 Credit: 1 State

Class Rank: 8

Prerequisite: Successful completion of AP Spanish Language and Culture

The AP Spanish Literature and Culture enables willing and academically prepared students to pursue college-level studies with the opportunity to earn college credit. The course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students continue to develop proficiencies across the full range of the modes of communication (interpersonal, presentational, and interpretive), honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, and literary criticism). AP Spanish Literature and Culture is designed for students who have successfully completed AP Spanish Language and Culture course.

FINE ARTS

ART

6121 Art I

Grade: 10 - 12

Credit: 1 State

Class Rank: 6

**** Due to limited facilities, Freshmen will not be permitted to enroll in Art I.**

There is a fee for art supplies for all MPISD High School Art Classes. The fee is \$20.00 for each class per year.

Description: This two semester course (separated in to Part A and B) serves as a survey course in which students produce a variety of artworks. In Part A, students work with various TWO- dimensional media In Part B, students work with various THREE- dimensional media. In Part A and B students explore the historical and cultural contexts in which many artworks are created. Students also analyze and evaluate artwork on the basis of the elements and principles of design. Supplies or material fee required.

6122 Art II

Grade: 9 - 12

Credit: 1 State

Class Rank: 6

Prerequisite: An application including a Portfolio submission, and/or High School Art Teacher approval.

There is a fee for art supplies for all MPISD High School Art Classes. The fee is \$20.00 for each class per year.

Students produce media specific designs using basic techniques in relation to historical and cultural contents. Students explore the historical and cultural contexts in which many artworks are created. Students also analyze and evaluate artwork on the basis of the elements and principles of design. Supplies or material fee required.

6123Q Art III Pre-AP

Grade: 10 - 12

Credit: 1 State

Class Rank: 7

Prerequisite: Art II, and High School Art Teacher approval.

There is a fee for art supplies for all MPISD High School Art Classes. The fee is \$20.00 for each class per year.

This pre college-level course is designed to address a very broad interpretation of drawing issues. For example, many types of painting, printmaking, and studies for sculpture, as well as abstract and observational works, would qualify as addressing drawing issues. These could also include, but are not limited to, graphic design typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting, and printmaking. A variety of approaches to representation, abstract, and expression may be part of the student's portfolio. Students may also choose to do THREE- dimensional art that could include, among others, traditional sculpture, architectural models, apparel, ceramics, fiber arts, or metalwork. Supplies and material fee required. *Pre-AP courses address learning objectives with greater depth and at a faster pace along with higher expectations for student performance.

6124Q Art IV Pre-AP

Grade: 11 - 12

Credit: 1 State

Class Rank: 7

Prerequisite: Art II, and Art III Pre-AP and High School Art Teacher approval.

There is a fee for art supplies for all MPISD High School Art Classes. The fee is \$20.00 for each class per year.

This pre college-level course is designed to address a very broad interpretation of drawing issues. Students produce media specific designs using basic techniques in relation to historical and cultural contents. Students explore the historical and cultural contexts in which many artworks are created. Students also analyze and evaluate artwork on the basis of the elements and principles of design. Supplies or material fee required.

6123L Studio Art Lab

Grade: 11 - 12

Credit: 1 Local

Class Rank: 0

This is an optional class to complement ART IV Pre-AP and is required for an AP Studio class. This can be taken at another time during the day for the student to work on their portfolio. Students that are in Pre-AP desiring to go on to an AP art class (2D, 3D, Drawing) are encouraged to take this course. Students that are in any AP Studio Art class (2D, 3D, Drawing) are required to take this class to help them complete all the work that will be required to finish the AP Studio course.

Choices for AP Studio Art:

Prerequisite: Art II, Art III Pre-AP, Art IV Pre-AP and High School Art Teacher approval to move up into this collegiate course.

These are college level courses designed to help the student achieve their collegiate plans to pursue art. **It is required that students take Studio Art Lab in combination with this class.** Studio Art Lab will be taken at another time during the day for the student to work on their portfolio. The fee is \$20.00 per year.

6151P AP Studio Art Drawing

Grade: 12

Credit: 1 State

Class Rank: 8

This college-level course is designed to address a very broad interpretation of drawing issues. For example, many types of painting, printmaking, and studies for sculpture, as well as abstract and observational works, would qualify as addressing drawing issues. The portfolio is a vehicle through which students can demonstrate ability to deal with the fundamental concerns of visual arts and can thus possibly earn credit, advanced placement, or both at the college level. Supplies and material fee required. *AP courses address learning objectives with greater depth and at a faster pace along with higher expectations for student performance.

6152P AP Studio Art Two Dimensional

Grade: 12

Credit: 1 State

Class Rank: 8

For this college-level portfolio, students are asked to demonstrate proficiency in two-dimensional design using a variety of art forms. These could include, but are not limited to, graphic design typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting, and printmaking. A variety of approaches to representation, abstraction, and expression may be part of the student's portfolio. The portfolio is a vehicle through which students can demonstrate ability to deal with the fundamental concerns of visual arts and can thus possibly earn credit, advanced placement, or both at the college level. Supplies and material fee required. *AP courses address learning objectives with greater depth and at a faster pace along with higher expectations for student performance.

6153P AP Studio Art Three Dimensional

Grade: 12

Credit: 1 State

Class Rank: 8

This college-level portfolio is intended to address a broad interpretation of sculptural issues in depth and space. These may include mass, volume, form, plane, light, and texture. Such elements and concepts can be articulated through additive, subtractive, and/or fabrication processes. A variety of approaches to representation, abstraction, and expression may be part of the student's portfolio. These might include, among others, traditional sculpture, architectural models, apparel, ceramics, fiber arts, or metalwork. The portfolio is a vehicle through which students can demonstrate ability to deal with the fundamental concerns of visual arts and can thus possibly earn credit, advanced placement or both at the college level. Supplies and material fee required.

DANCE

7511B Dance I

Grade: 9 - 12

Credit: 1 State

Class Rank: 6

Dance I is a full year course which focuses on various styles of dance and movement. This class will serve as a Fine Arts or elective credit. It is highly recommended for those who plan to audition for the Tiger Dolls drill team in the spring. Students will be required to purchase black shirt, black leggings, and black jazz shoes.

7511A Dance II

Grade: 10 - 12

Credit: 1 State

Class Rank: 6

Dance II is a full year course which focuses on a variety of styles of dance and advanced technical movement. This class will serve as a Fine Arts or elective credit.

7511C Dance III

Grade: 11 - 12

Credit: 1 State

Class Rank: 6

Dance III is a full year course which focuses on a variety of styles of dance and advanced technical movement. This class will serve as a Fine Arts or elective credit.

7511D Dance IV

Grade: 12

Credit: 1 State

Class Rank: 6

Dance IV is a full year course which focuses on a variety of styles of dance and advanced technical movement. This class will serve as a Fine Arts or elective credit.

Drill Team

Tiger Dolls Drill Team

Grade: 9 - 12

Credit: 1 State

Class Rank: 6

Prerequisite: Audition Required

This is a specialized class of fine arts for girls who are members of the drill team, "Tiger Dolls." Girls are chosen for this group through tryouts held each spring. Completion of Tiger Dolls I will earn a student a PE credit as well as a fine art credit.

75111T Tiger Dolls I

75122 Tiger Dolls II

Grade: 11 - 12

Credit: 1 State

Class Rank: 0

751333 Tiger Dolls III

751444 Tiger Dolls IV

7515 Tiger Dolls Officers (Junior and Senior year ONLY)

Tiger Dolls Manager

Grade: 9 - 12

Credit: 1 State

Class Rank: 6

Prerequisite: Application Required and Director Approved

75101T Tiger Dolls Manager I

75102 Tiger Dolls Manager II

Grade: 11 - 12

Credit: 1 State

Class Rank: 0

75103 Tiger Dolls Manager III

75104 Tiger Dolls Manager IV

THEATRE

6221 Theatre Arts I

Grade: 9 - 12

Credit: 1 State

Class Rank: 6

This is an introductory theatre course for students wishing to study performance theatre. Students will learn theatrical fundamentals, the history of theatre, basics of technical theatre, and will build foundations of voice, movement, and performance. Students will learn to read scripts for meaning, understanding, and evaluation. Students will use correct terminology and vocabulary in written and oral discussion. Students will achieve understanding of the historical, creative, artistic, and aesthetic aspects of theatre in relationship to American History. Students will gain knowledge and understanding of the social and cultural impact of the theatre art form on society and culture. Students will achieve a professional and personal understanding of the arts through rehearsals, auditions, performances and presentations (both written and aural). Students will rehearse to create several structured theatre events while working in cooperation with other members of the class to create an ensemble effort on stage. **Supplies and material fee required. Students will be required to attend shows throughout the school year for in-class assessments and will be required to perform in an end-of-year showcase (classroom rehearsals; one after school technical rehearsal and one evening performance)**

Production Theatre

Theatre Production 1,2,3,4 are performance classes. This means that EVERYONE enrolled in one of these classes is REQUIRED to act and/or work backstage on every department production. This class produces the UIL ONE ACT PLAY as well as two or three additional plays throughout the year. After school rehearsal attendance is required. (Usually 2 evenings per week) Grades are earned as follows: 50% for classwork and 50% for evening rehearsals. Occasionally, you may be required to provide some costume pieces.

In addition to the above requirements, you are expected to maintain passing grades in all your classes.

6226 Production Theatre I

Grade: 9 – 12

Credit: 1 State

Class Rank: 6

Prerequisite: Instructor Approval

The student will learn the basics of acting, stage movement, and stage craft through “hands on” participation in each play the Theatre Department produces. The student will learn from more experienced students in addition to the direction that the Theatre Director provides.

Evening play rehearsals and performances are mandatory!

6227 Production Theatre II

Grade: 10 - 12

Credit: 1 State

Class Rank: 6

Prerequisite: Instructor Approval

6228Q Honors Production Theatre III

Grade: 11 - 12

Credit: 1 State

Class Rank: 7

Prerequisite: Instructor Approval

The student will continue the perfecting of their acting, stage movement, and stage craft through “hands on” participation in each play the Theatre Department produces. Production IV students are expected to set the example for underclasses for commitment and cooperation. Production IV students will direct a one act play or scenes for public performance.

Evening play rehearsals and performances are mandatory!**6229Q Honors Production Theatre IV**

Grade: 12

Credit: 1 State

Class Rank: 7

Prerequisite: Instructor Approval

The student will continue the perfecting of their acting, stage movement, and stage craft through “hands on” participation in each play the Theatre Department produces. Production IV students are expected to set the example for underclasses for commitment and cooperation. Production IV students will direct a one act play or scenes for public performance. **Evening play rehearsal**

and performances are mandatory!**6225 Technical Theatre I**

Grade: 9 – 12

Credit: 1 State

Class Rank: 6

This is an introductory theatre course for students wishing to study technical theatre. Students will concentrate on all areas of theatre technology, production, and performance. Students will learn how to research and design scenery, lighting, sound, costumes, and properties, and will actively learn about the roles of production staff and production management staff. Students will learn to read and analyze scripts for meaning, understanding, and evaluation in a technical manner. Students will achieve understanding of the historical, creative, artistic, and aesthetic aspects of theatre in relationship to American History. Students will gain knowledge and understanding of the social and cultural impact of the theatre art form on society and culture. Students will achieve a professional and personal understanding of the arts through rehearsals, auditions, performances and presentations (both written and aural). Students will rehearse backstage to create several structured theatre events while working in cooperation with other members of the class to create an ensemble effort on stage.

Supplies and material fee required. Students will be required to attend shows throughout the school year for in-class assessments and will be required to perform in an end-of-year showcase (classroom rehearsals; one after school technical rehearsal and one evening performance)

PRODUCTION TECHNICAL THEATRE (TECHNICAL THEATRE II, III, IV)

In Production Technical Theatre, the technicians perform those technical roles that actually involve the live performance of plays. You may be involved in set construction as Tech Theatre I students are, however, the main role for Production technicians is working those backstage roles such as lighting technician, sound technician, set moving, makeup, publicity, front of house, fly system, and any other jobs that a play might require. This means that EVERYONE enrolled in Technical Theatre II, III, or IV is REQUIRED to work backstage on every department production. This class produces the UIL ONE ACT PLAY as well as two or three additional plays throughout the year. After school rehearsal attendance is required. (Usually 2 evenings per week) Grades are earned as follows: 50% for classwork and 50% for evening rehearsals. Occasionally, in emergency situations, you may be required to do small acting roles. In addition to the above requirements, you are expected to maintain passing grades in all your classes.

62252 Technical Theatre II

Grade: 10 – 12

Credit: 1 State

Class Rank: 6

62253Q Honors Technical Theatre III

Grade: 11 – 12

Credit: 1 State

Class Rank: 7

62254Q Honors Technical Theatre IV

Grade: 12

Credit: 1 State

Class Rank: 7

This is an advanced technical theatre course for students wishing to continue their studies of technical theatre and actively participate in theatrical productions to do so. Students will concentrate on all areas of theatre technology, production, and performance. Students will learn how to research and design scenery, lighting, sound, costumes, and properties, and will actively learn about the roles of production staff and production management staff. **Supplies and material fee required. Students will be required to actively participate in a minimum of one production throughout the year and serve as technical staff in auditorium events throughout the year. Students will be required to attend/participate in shows throughout the school year for in-class assessments. Instructor approval required.**

BAND

Grade: 9 - 12 Credit: 1 State Class Rank: 6

6321A Band I

6322A Band II

Grade: 11 - 12 Credit: 1 State Class Rank: 0

63230A Band III

63240A Band IV

Prerequisite: Previous experience playing a musical instrument is required.

The MPHS Goin' Gold Band is a performance oriented organization comprised of motivated musicians. Rehearsals begin the last week of July in preparation for marching band performances throughout the fall and continue throughout the year. (**Percussion students, please see Dr. Luckett for summer required scheduling.*) The band performs throughout the school year in several different settings including: football games, marching contests, Christmas and spring concerts, pep rallies, parades, concert and sight-reading contests and other performance opportunities. Students have opportunities for individual achievement through All-Region and All-State Honor Band tryouts as well as Regional and State Solo and Ensemble Contests. Attendance at all performance, and rehearsal, is required. Uniforms are provided. Failure to attend **all** required performances and rehearsals could result in dismissal from the MPHS band program. Completion of Band I and Band II the student will earn a PE credit in addition to the two fine art credits.

Grade: 9 - 12 Credit: 1 State Class Rank: 6

6331 Jazz Band I

6332 Jazz Band II

Grade: 11 - 12 Credit: 1 State Class Rank: 0

63330 Jazz Band III

63340 Jazz Band IV

Prerequisite: Students must be a current member of the MPHS Band in order to participate.

Jazz Band provides the student with the opportunity to perform music in the modern idiom. Students will learn Jazz, Pop, Latin and Rock styles. The Jazz Band gives several performances throughout the year. Attendance at all rehearsals and performances is required.

Grade: 9 - 12 Credit: 1 State Class Rank: 6

63355 Colorguard I

63362 Colorguard II

Grade: 11 - 12 Credit: 1 State Class Rank: 0

633770 Colorguard III

633880 Colorguard IV

Membership in the Mt. Pleasant High School Colorguard is by audition only. This course is designed for students who are interested in learning the technique behind twirling flags, rifles, sabers, or batons. Students will prepare for various public performances to be held throughout the year (during and after school hours). Students will be performing to music in order to serve as a focal point for general effect during band and winter guard performances. Failure to attend **all** required performances and rehearsals could result in dismissal from the MPHS Colorguard program. Completion of Colorguard I will earn a PE credit as well as a fine art credit.

CHOIR

Grade: 9 - 12 Credit: 1 State Class Rank: 6

6431 Concert Choir I

6432 Concert Choir I

Grade: 11 - 12 Credit: 1 State Class Rank: 0

64330 Concert Choir III

64340 Concert Choir IV

Prerequisite: Audition required

This Choir is comprised of voices that range from beginning to intermediate skill levels. It focuses on a wide variety of often unperformed repertoire. Emphasis is placed on vocal training and music reading skills to prepare them to advance into Chorale.

Grade: 9 - 12 Credit: 1 State Class Rank: 6

6421 Chorale I

6422 Chorale II

Grade: 11 - 12 Credit: 1 State Class Rank: 0

64230 Chorale III

64240 Chorale IV

Prerequisite: Audition required

This is the primary performing group of the choral department. Students are assigned to this class by audition only. Proficiency should be demonstrated in performance, sight-reading, academic subjects, and student conduct. Size of the organization will be determined by balance between sections. Students will be expected to participate in UIL contest and TMEA contests. After school rehearsals and performances are a part of this course and student attendance is required.

6470P AP Music Theory

Grade: 11 - 12 Credit: 1 State Class Rank: 8

Prerequisite: Instructor Approval and for the class of 2025 and 2026, successful completion of one year in a high school choral or instrumental ensemble prior to enrolling in AP Theory.

This course is designed to develop musical skills that will lead to a thorough understanding of music composition and music theory. The emphasis will be on the rules of theory and composition, ear training, sight singing, score analysis, and keyboard skills. While the main emphasis is placed on music of the common period (1600-1750), music of other stylistic periods will also be studied. Students are prepared to take the AP Music Theory Exam when they have completed the course. Students planning to major in music in college may be able to enroll in an advanced music theory course, depending on individual college AP policies.

PIANO

6430 Piano I

Grade: 10 - 12

Credit: 1 State

Class Rank: 6

This course introduces basic piano technique while studying how music is constructed, how scales and chords are formed, the relationship between major and minor keys, and how music is composed through melody, harmony and chord progressions. Class size is limited.

DIGITAL ART

8C243FA Digital Art – For Fine Arts Credit ONLY

Grade: 9-12

Credit: 1 State

Class Rank: 6

Qualifies as a fine art credit.

Digital Art consists of computer images and animations created with digital imaging software. Digital Art has applications in many careers, including graphic design, advertising, web design, animation, corporate communications, illustration, character development, script writing, storyboarding, directing, producing, inking, project management, editing, and the magazine, television, film, and game industries. Students in this course will produce various real-world projects and animations. Students will have the opportunity to learn and use creativity and innovation, communication and collaboration, research and information fluency, critical thinking, problem solving, decision making, digital citizenship, and technology operations and concepts.

PHYSICAL EDUCATION

P.E.

71700 Adventure/Outdoor Education

Grade: 9 - 12

Credit: 1 State

Class Rank: 6

Offered 2022-2023

Students enrolled in adventure/outdoor education are expected to develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Emphasis is placed upon student selection of activities that also promote respect for the environment and that can be enjoyed for a lifetime.

71711 Aerobic Activities

Grade: 9 - 12

Credit: 1 State

Class Rank: 6

Offered 2023-2024

Students in aerobic activities are exposed to a variety of activities that promote health-related fitness. A major expectation of this course is for the student to design a personal fitness program that uses aerobic activities as a foundation.

71800 Individual Sports

Grade: 9 - 12

Credit: 1 State

Class Rank: 6

Offered 2024-2025

Students in individual sports are expected to participate in a wide range of individual sports that can be pursued for a lifetime. The continued development of health-related fitness and the selection of individual sport activities that are enjoyable is a major objective of this course

71811 Foundations of Personal Fitness

Grade: 9 - 12

Credit: 1 State

Class Rank: 6

Offered 2025-2026

Students enrolled in Team Sports are expected to develop health-related fitness and an appreciation for teamwork and fair play. Like the other high school physical education courses, Team Sports is less concerned with the acquisition of physical fitness during the course than reinforcing the concept of incorporating physical activity into a lifestyle beyond high school.

Only one of these PE courses is offered each year. Adventure/Outdoor 71700 will be the course for the 2022-2023 school year.

The purpose of these courses is to teach students the importance of lifelong, physical fitness as well as teach basic skills in various team sports. Physical Education is designed to benefit both the male and female student. Students will be required to dress out and participate on a daily basis while taking this course. Upon completion of the class, the desired goal of the teacher is to help instill an appreciation for physical fitness and sports as well as the need for lifelong physical activity.

ATHLETICS

All athletic offerings are competitive sports available at various levels. Participants represent the school in competitive events.

Men's/Women's Cross Country

Grade: 9 – 10	Credit: 1 State	Class Rank: 6
73511	Cross Country I	
73522	Cross Country II	
Grade: 11 – 12	Credit: 1 State	Class Rank: 0
73533	Cross Country III	
73544	Cross Country IV	

MEN'S SPORTS

Men's Tennis

Grade: 9 – 12	Credit: 1 State	Class Rank: 6
73111	Men's Tennis I	
73122	Men's Tennis II	
Grade: 11 – 12	Credit: 1 State	Class Rank: 0
731330	Men's Tennis III	
731440	Men's Tennis IV	

Men's Golf

Grade: 9 – 12	Credit: 1 State	Class Rank: 6
73211	Men's Golf I	
73222	Men's Golf II	
Grade: 11 – 12	Credit: 1 State	Class Rank: 0
732330	Men's Golf III	
732440	Men's Golf IV	

Men's Soccer

Grade: 9 – 12	Credit: 1 State	Class Rank: 6
73311	Men's Soccer I	
73322	Men's Soccer II	
Grade: 11 – 12	Credit: 1 State	Class Rank: 0
733330	Men's Soccer III	
733440	Men's Soccer IV	

Men's Athletics (Football and Basketball)

Grade: 9 – 12	Credit: 1 State	Class Rank: 6
73411	Men's Athletics I	
73422	JV/ Varsity Men's Athletics II	
Grade: 11 – 12	Credit: 1 State	Class Rank: 0
734330	JV/Varsity Men's Athletics III	
734440	JV/Varsity Men's Athletics IV	

Baseball

Grade: 9 – 12	Credit: 1 State	Class Rank: 6
73451	Baseball I	
73452	Baseball II	
Grade: 11 – 12	Credit: 1 State	Class Rank: 0
734530	Baseball III	
734540	Baseball IV	

WOMEN'S SPORTS

Women's Tennis

Grade: 9 - 12	Credit: 1 State	Class Rank: 6
74111	Women's Tennis I	
74122	Women's Tennis II	
Grade: 11 - 12	Credit: 1 State	Class Rank: 0
741330	Women's Tennis III	
741440	Women's Tennis IV	

Women's Golf

Grade: 9 - 12	Credit: 1 State	Class Rank: 6
74211	Women's Golf I	
74222	Women's Golf II	
Grade: 11 - 12	Credit: 1 State	Class Rank: 0
742330	Women's Golf III	
742440	Women's Golf IV	

Women's Soccer

Grade: 9 - 12	Credit: 1 State	Class Rank: 6
74311	Women's Soccer I	
74322	Women's Soccer II	
Grade: 11 - 12	Credit: 1 State	Class Rank: 0
743330	Women's Soccer III	
743440	Women's Soccer IV	

Women's Athletics (Volleyball, Basketball, and Softball)

Grade: 9 - 12	Credit: 1 State	Class Rank: 6
74411	Women's Athletics I	
74422	JV/Varsity Women's Athletics II	
Grade: 11 - 12	Credit: 1 State	Class Rank: 0
744330	JV/Varsity Women's Athletics III	
744440	JV/Varsity Women's Athletics IV	

Cheerleading

Cheerleading

Grade: 9 - 10	Credit: 1 State	Class Rank: 6
<i>Prerequisite: Audition Required</i>		
75211	Cheerleading I	
75222	Cheerleading II	
Grade: 11 - 12	Credit: 1 State	Class Rank: 0
752330	Cheerleading III	
752440	Cheerleading IV	
7530	Cheer Captains	

Athletic Trainer

Grade: 9 - 12	Credit: 1 Local	Class Rank: 6
<i>Prerequisite: Must get an application form from the head Athletic Trainer and be approved by him/her. This course requires a lot of after school activity. This course <u>does not</u> count for a PE credit.</i>		
73460	Athletic Trainer I	
73470	Athletic Trainer II	
Grade: 11 - 12	Credit: 1 Local	Class Rank: 0
73480	Athletic Trainer III	
73490	Athletic Trainer IV	

7111 Sports Medicine I

Grade: 11 - 12	Credit: 1 State	Class Rank: 6
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Prerequisite: Instructor Approval

This course does not count for a PE credit.

Lecture based course which provides an opportunity for the study and application of the components of sports medicine. Current Athletic Training students preferred.

7112 Sports Medicine II

Grade: 12	Credit: 1 State	Class Rank: 6
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Prerequisite: Instructor Approval, must complete Sports Medicine I

This course does not count for a PE credit.

This is a practical skills course which provides an in-depth study and application of the components of sports. Individualized and independent assignments will be included in this course. This course will involve outside-of-class homework and time required working with athletes and athletic teams. Current Athletic Training students preferred.

Agricultural Sciences

Possible Career Choices

- Agriculture Teacher
- Agriscience & Marketing
- Agriculture Research & Development
- Agriculture Communication
- Veterinary Science
- Veterinary Technician
- Embryologist
- Farm & Ranch Management
- Meats Processing
- Florist
- Horticulturist
- Landscape Architect
- Production Welder
- Metal Fabrication
- Computer Aided Design
- Draftsman (CAD)
- Forest Technician
- Soil and Water

Join this great Student Organization!



MPHS
FFA

8C500
Principles of Agriculture, Food, and Natural Resources

8C554 Small Animal Management
8C520 Equine Science

*Can be used as a 4th Science

Ag courses for ninth graders who took Principles of Ag in 8th grade

8C554 Small Animal Management
8C520 Equine Science

8C516
Livestock Production

8C571D 2 Credits
Practicum in Ag/Animal Science Dual Credit

8C535
Agriculture Mechanics and Metal Technologies

8C568 2 Credits
Agricultural Structures Design and Fabrication

8C572 2 Credits
Practicum in Ag/Metal Technologies

8C540
Floral Design

8C544 2 Credits
Horticultural Science

8C573 2 Credits
Practicum in Ag/Horticultural Science

8C541
Advanced Floral Design

8C556
Advanced Animal Science*

AGRICULTURE, FOOD, & NATURAL RESOURCES

8C500 Principles of Agriculture, Food, & Natural Resources

Grade: 9 - 10

Credit: 1 State

Class Rank: 6

Students will be prepared for careers in agriculture, food, and natural resources, as well as attain academic skills and knowledge in agriculture. This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations.

This course is a prerequisite for all agriculture courses.

8C554 Small Animal Management

Grade: 9 - 12

Credit: .5 State

Class Rank: 6

This is a freshman level course for all Agriculture students that took Principles of Agriculture in 8th grade. This course is paired with Equine Science.

Prerequisite: Successful completion of Principles of Agriculture, Food & Natural Resources

Students will acquire knowledge and skills related to small animals and the small animal management industry. Small Animal Management may address topics related to small mammals such as dogs, cats, amphibians, reptiles and birds.

8C520 Equine Science

Grade: 9 - 12

Credit: .5 State

Class Rank: 6

This is a freshman level course for all Agriculture students that took Principles of Agriculture in 8th grade. This course is paired with Small Animal Management.

Prerequisite: Successful completion of Principles of Agriculture, Food & Natural Resources

Students will acquire knowledge and skills related to equine animal systems and the equine industry. Equine Science may address topics related to horses, donkeys and mules.

8C516 Livestock Production

Grade: 11 - 12

Credit: 1 State

Class Rank: 6

Prerequisite: Successful completion of Small Animal Management & Equine Science

Students will be prepared for careers in the field of animal science. Students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Animal species to be addressed in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry.

8C556 Advanced Animal Science

Grade: 12

Credit: 1 State

Class Rank: 7

Qualifies as a 4th Science.

Prerequisite: Livestock Production

This course 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.

8C571D Practicum in Agriculture - Animal Science – Dual Credit

Grade: 12

Credit: 2 State

Class Rank: 8

Prerequisite: Livestock Production

The practicum is designed to give students supervised practical application of knowledge and skills as it relates to the animal science industry. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. *Students will have the opportunity to earn college credit in AGRI 1419 through NTCC.*

8C535 Agricultural Mechanics & Metal Technologies

Grade: 10 - 12

Credit: 1 State

Class Rank: 6

Prerequisite: Principles of Agriculture

This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, welding, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques.

8C568 Agricultural Structures Design & Fabrication

Grade: 11 - 12

Credit: 2 State

Class Rank: 6

Prerequisite: Ag Mechanics and Metal Technologies

This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, welding, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques.

8C572 Practicum in Agriculture – Metal Technology

Grade: 12

Credit: 2 State

Class Rank: 7

Prerequisite: Agricultural Structures Design & Fabrication

The practicum is designed to give students supervised practical application of knowledge and skills as it relates to our local metal manufacturing and fabrication industry. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories.

8C540 Floral Design

Grade: 10 - 12

Credit: 1 State

Class Rank: 6

Qualifies as a fine arts credit.

Students can expect to spend \$40 on supplies.

Prerequisite: Principles of Agriculture

This course 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 develop respect for the traditions and contributions of diverse cultures. Students respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations.

8C541 Advanced Floral Design

Grade: 10 - 12

Credit: 1 State

Class Rank: 6

Students can expect to spend \$40 on supplies.

Prerequisite: Successful completion of Floral Design

This course is designed to build on the students' knowledge from the Floral Design course and are introduced to more advanced floral design concepts, with an emphasis on specialty designs and specific occasion planning. This course focuses on building skills in advanced floral design and providing students with a thorough understand of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of a specific occasion or event. Through the analysis and evaluation of various occasion and event types, students explore the design needs and expectations of clients, propose, and evaluate appropriate creations. From conception to evaluation, students are challenged to create and design appropriate specialty floral designs that meet the needs of the client. Furthermore, an emphasis on budgetary adherence and entrepreneurship equips students with many of the necessary skills needed for success in floral enterprises.

8C544 Horticultural Science

Grade: 11 - 12

Credit: 2 State

Class Rank: 6

Prerequisite: Floral Design

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

8C573 Practicum in Agriculture – Horticulture Science

Grade: 12

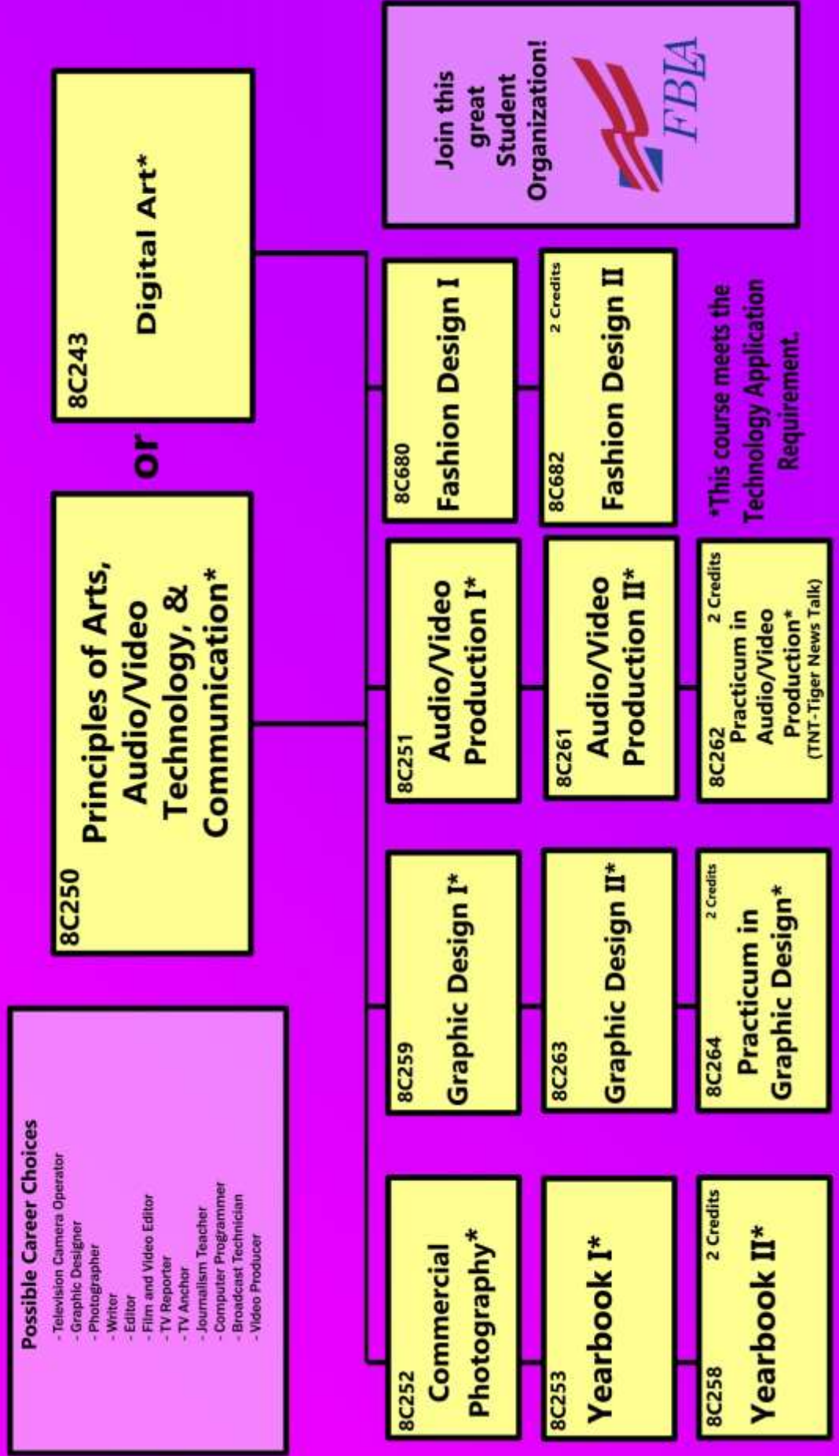
Credit: 2 State

Class Rank: 7

Prerequisite: Horticultural Science

This course is designed to prepare students in the broad field of agriculture. Agriculture students will be provided real life experiences, opportunities, industry requirements and skills in the horticulture and floral design industries. Certifications can be obtained in these fields through this class.

Arts, Audio/Video Technology & Communications



ARTS, AUDIO/VIDEO TECHNOLOGY, & COMMUNICATIONS

8C250 Principles of Arts, Audio/Video Technology, & Communications

Grade: 9 - 12

Credit: 1 State

Class Rank: 6

Students enrolled in this course will gain an essential understanding of working with several multimedia computer applications. Students will develop decision-making skills, use creative thinking, and obtain hands-on experiences working with a variety of multimedia tools to create presentations, graphics, photography and movies. The purpose of this class is to prepare students for future enrollment in Arts, Audio/Visual Technology & Communication classes.

8C243 Digital Art - For Arts, Audio/Video Technology Pathway ONLY

Grade: 9-12

Credit: 1 State

Class Rank: 6

This course qualifies as a fine art credit.

Digital Art consists of computer images and animations created with digital imaging software. Digital Art has applications in many careers, including graphic design, advertising, web design, animation, corporate communications, illustration, character development, script writing, storyboarding, directing, producing, inking, project management, editing, and the magazine, television, film, and game industries. Students in this course will produce various real-world projects and animations. Students will have the opportunity to learn and use creativity and innovation, communication and collaboration, research and information fluency, critical thinking, problem solving, decision making, digital citizenship, and technology operations and concepts.

8C252 Commercial Photography

Grade: 10 - 12

Credit: 1 State

Class Rank: 6

Prerequisite: Successful completion of Principles of Arts, Audio/Video Tech & Communications or Digital Art

Students enrolled in this course will have the opportunity to develop an understanding of digital photography with a focus on creating quality photographs. Students will learn all aspects of photography from the basic and advanced settings of the camera, how to arrange photos, how to take pictures in various settings, editing photos and producing them for a variety of publications. Students will learn Adobe Photoshop, giving them the skills to edit photos in a variety of ways. Through this course, students also would have the opportunity to earn an industry recognized certification.

8C253 Yearbook I

Grade: 11 - 12

Credit: 1 State

Class Rank: 6

Prerequisite: Successful completion of Commercial Photography

Students will learn the techniques and skills necessary for graphic design and illustration. Studies will include history of visual arts and design, artwork in various cultures, and critiquing of artwork. Students will learn how to develop 2 and 3 dimensional projects using industry standard software. Software used in this class will include Adobe Photoshop, Adobe Illustrator and Adobe InDesign. This course is both lab and lecture based. *The school yearbook development and production will be one activity of this course.*

8C258 Yearbook II

Grade: 12

Credit: 2 State

Class Rank: 7

Prerequisite: Successful completion of Yearbook I

Careers in graphic design and illustration span all aspects of the advertising and visual communications industry. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills. *The school yearbook development and production will be one activity of this course.*

8C251 Audio/Video Production I

Grade: 10 - 12

Credit: 1 State

Class Rank: 6

Prerequisite: Successful completion of Principles of Arts, Audio/Video Tech & Communications or Digital Arts

This course will explore the Audio and Video production industry and span all aspects of the communications industry. Students will be involved in every aspect of several class and small group audio, video, and film style production projects with emphasis on live multi-camera video and film style production projects. Students will focus on pre-production, production, and post-production audio and video activities.

8C261 Audio/Video Production II

Grade: 11 - 12

Credit: 1 State

Class Rank: 6

Prerequisite: Successful completion of Audio/Video Production I

Students will work on several audio and/or video productions that will be shown online, the district's websites, etc... Students will continue to work on TNT (Tiger News Talk) with enhanced responsibilities such as directing, editing and creating video productions. Students will explore career opportunities in the industry. Some outside classroom work will be required.

8C262 Practicum in Audio/Video Production - TNT (Tiger News Talk)

Grade: 11 - 12

Credit: 2 State

Class Rank: 7

Prerequisite: Successful completion of Audio/Video Production II

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communication 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 activities.

8C259 Graphic Design and Illustration I

Grade: 10 - 12

Credit: 1 State

Class Rank: 6

Prerequisite: Successful completion of Principles of Arts, Audio/Video Tech & Communications or Digital Art

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. Students will produce the school newspaper Tiger Talk five times throughout the year. In addition, students will contribute to other campus and district publications.

8C263 Graphic Design and Illustration II

Grades: 11-12

Credit: 1 State

Class Rank: 6

Prerequisite: Successful completion of Graphic Design and Illustration I and Instructor Approval

This is an advanced class limited to the staff of the school newspaper, "Tigertalk". It is designed for students who have demonstrated competency in reporting, editing, design and production skills in Graphic Design I. It is a laboratory course structured to permit students to make practical application of previously learned skills and to apply new skills by using desktop publishing to produce the school newspaper. This project-based course focuses on real-world audiences as customers. Students will learn to use a collection of software tools and design techniques to create a variety of formatted products. Students enrolled in this course will be computer literate and have experience with basic electronic productivity tools. These students are encouraged to participate in Journalism UIL.

8C264 Practicum in Graphic Design and Illustration

Grades: 12

Credit: 2 State

Class Rank: 7

Prerequisite: Successful completion of Graphic Design II Instructor Approval

Careers in printing span all aspects of the industry, including prepress, press and finishing and bindery operations. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communication career cluster, students will be expected to develop an understanding of the printing industry with a focus on prepress and desktop publishing. Students will use Microsoft Word, Adobe InDesign and Adobe Photoshop to produce a school newspaper. *Students will also have the opportunity to write for the district and high school website along for other media outlets. The school newspaper along with UIL Journalism are also activities within this course.*

8C680 Fashion Design I

Grade: 10 - 12

Credit: 1 State

Class Rank: 6

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

Fashion spans all aspects of the textile and apparel industries. Students will be expected to develop an understanding of the fashion industry with an emphasis on design and construction in addition to developing technical knowledge and skills needed for success in the fashion industry. Students will gain an understanding of the laws and regulations within the fashion industry, identify types and uses of various textiles, interpret labels, evaluate the industry that is fashion, and learn basic garment design and construction. Students are encouraged to participate in extended learning experiences such as career and technical organizations and other leadership or extracurricular organizations.

8C682 Fashion Design II

Grade: 11 - 12

Credit: 2 State

Class Rank: 6

Prerequisite: Fashion Design I

Students will be expected to develop an understanding of the fashion industry with an emphasis on design and construction. Students will expand their understanding of the fashion design industry and improve their design and construction skills. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Business, Marketing & Finance

- Possible Career Choices**
- Accountant
 - Advertising Manager
 - Business Analyst
 - Business Executive
 - Certified Public Accountant
 - Entrepreneurship
 - eSales Manager
 - Exhibit Designer
 - Financial Comptroller
 - Financial Examiner
 - Financial Manager
 - HR Manager
 - International Distributor
 - Market Researcher
 - Marketing Manager
 - Office Manager
 - Operations Management
 - Realtor
 - Sales Manager
 - Technical Sales

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FBLA

8C101
Principles of Business, Marketing and Finance*

8C180 1/2 Credit
Sports and Entertainment Marketing

8C185 1/2 Credit
Fashion Marketing

8C181 1/2 Credit
Sports and Entertainment Marketing II

8C186 1/2 Credit
Advertising

8C130
Business Information Management I*

8C155
Accounting I

8C161
Accounting II**

*This course meets the Technology Application requirement

** This course counts as a math credit.

BUSINESS, FINANCE, & MARKETING

8C101 Principles of Business, Marketing, & Finance

Grade: 9 - 10

Credit: 1 State

Class Rank: 6

Required introduction class to all business, marketing and finance classes

Are you interested in the field of business, marketing or finance? If so, this course will allow you 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. You will analyze the sales process and financial management principles while gaining knowledge and skills in economies and private enterprise systems, the impact of a global business, marketing goods and services, advertising and product pricing.

8C180 Sports & Entertainment Marketing

Grade: 10 - 12

Credit: .5 State

Class Rank: 6

Prerequisite: Successful completion of Principles of Business, Marketing, & Finance

This course will provide students with an understanding of the marketing concepts that apply to sports and sporting events and entertainment. The student will get to learn about promotional plans, sponsorship proposals, endorsement contracts, and sports and entertainment marketing plans. *This course is paired with Fashion Marketing.*

8C185 Fashion Marketing

Grade: 10 - 12

Credit: .5 State

Class Rank: 6

Prerequisite: Successful completion of Principles of Business, Marketing, & Finance

Are you looking for a future career in the fashion world? Fashion marketing is for the student who would like to learn more about the fashion industry. The course will explore the fundamentals of marketing techniques and activities as they are employed in the fashion business. *This course is paired with Sports & Entertainment Marketing.*

8C181 Sports & Entertainment Marketing II

Grade: 11-12

Credit: .5 State

Class Rank: 6

Prerequisite: Successful completion of Sports & Entertainment Marketing and Fashion Marketing

Sports and Entertainment Marketing II is an advanced course designed to build upon students' prior knowledge of sports and entertainment marketing. Students will develop a thorough understanding of advanced marketing concepts and theories as they relate to the sports and entertainment industries. Students will investigate the components of branding, sponsorships and endorsements, as well as promotion plans needed for sports and entertainment events. The course also supports career development skills and explores career options. *This course is paired with Advertising.*

8C186 Advertising

Grade: 11-12

Credit: .5 State

Class Rank: 6

Prerequisite: Successful completion of Sports & Entertainment Marketing and Fashion Marketing

This course is designed as a comprehensive introduction to the principles and practices of advertising. Students will gain knowledge of techniques used in current advertising, including print, broadcast, and digital media. The course explores the social, cultural, ethical, and legal issues of advertising, historical influences, strategies, media decision processes as well as integrated marketing communications, and careers in advertising and sales promotion. The course provides an overview of how communication tools can be used to reach target audiences and increase consumer knowledge. *This course is paired with Sports & Entertainment Marketing II.*

FINANCE

8C101 Principles of Business, Marketing, & Finance

Grade: 9 - 10

Credit: 1 State

Class Rank: 6

Required introduction class to all business, marketing and finance classes

Are you interested in the field of business, marketing or finance? If so, this course will allow you 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. You will analyze the sales process and financial management principles while gaining knowledge and skills in economies and private enterprise systems, the impact of a global business, marketing goods and services, advertising, and product pricing.

8C130 Business Information Management I

Grade: 10 - 12

Credit: 1 State

Class Rank: 6

Prerequisite: Successful completion of Principles of Business, Marketing, & Finance

Business Information Management I develops technology skills with applications to personal or business situations. This course focuses on word processing, spreadsheets, databases, desktop publishing, presentation management, telecommunications, networking, operating systems, emerging technologies, and intermediate level skills. Students are encouraged to join Future Business Leaders of America (FBLA) to enhance their leadership skills.

8C155 Accounting I

Grades: 11 - 12

Credit: 1 State

Class Rank: 6

Prerequisite: Successful completion of Business Information Management I

This course introduces general accounting concepts, principles, and procedures; emphasizes the need for financial records; provides the fundamental equation and its application to accounting procedures, including the basic steps of the accounting cycle; special journals and ledgers; work sheets; adjusting and closing entries; special problems in the purchase and sale of merchandise; promissory notes and interest; depreciation; accruals and prepaid items; payroll records; and personal income taxes.

8C161 Accounting II

Grade: 12

Credit: 1 State

Class Rank: 7

Prerequisite: Accounting I

This course provides for review and further development of fundamental accounting principles with extensive use of technology; incorporates complete accounting cycle in relation to formation and dissolution of partnerships. This course includes adjustments of bad debts, depreciation, depletion of fixed assets, adjusted and accrued income, various methods of inventory control, preparation of business budgets and promissory notes receivable and payable. It provides experience in initiating and maintaining an accounting system and in analyzing, interpreting, and synthesizing managerial problems using accounting information as a tool; and develops skill in applying principles used in accounting systems and methods commonly found in business. Accounting II is designed for students interested in studying accounting at the post-secondary level or entering the workforce.

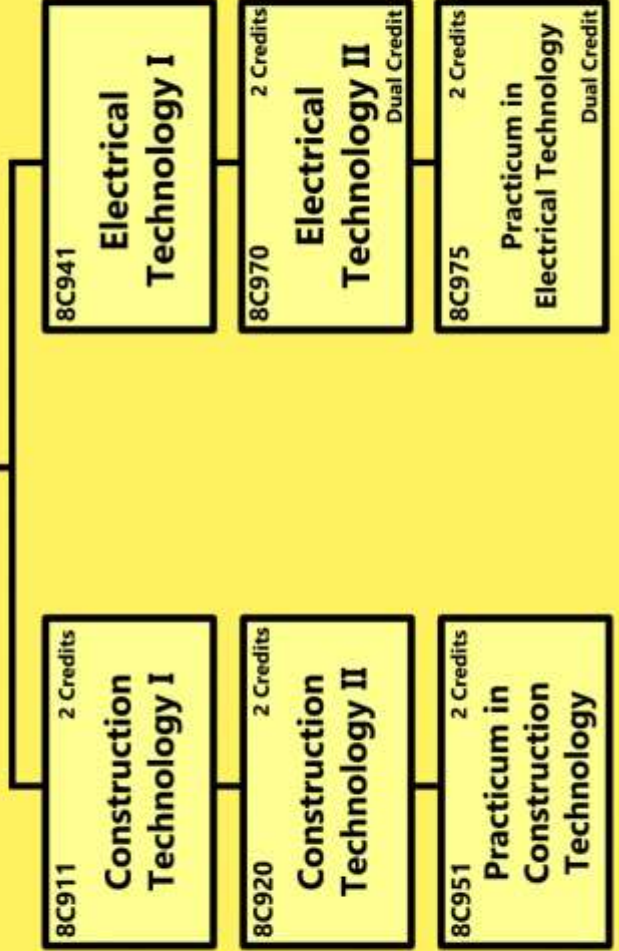
Construction

- Possible Career Choices**
- Architectural & Civil Drafter
 - Brickmason & Blockmason
 - Brickmason, Stonemason, Tile, & Marble Setter-Helper
 - Cabinetmaker & Bench Carpenter
 - Carpenter
 - Carpenter Helper
 - Construction & Building Inspector
 - Construction Manager
 - Cost Estimator
 - Drywall & Ceiling Tile Installer
 - Electric Motor, Power Tool, & Related Repairer
 - Electrician
 - Electrician Helper
 - Furniture Finisher
 - Industrial Maintenance Tech.
 - Installation, Maintenance, & Repair Worker-Helper
 - Linerman
 - Maintenance & Repair Worker, General
 - Mechanical Drafter
 - Painting, Coating, & Decorating Worker
 - Rigger
 - Roofer
 - Security & Fire Alarm Systems Installer
 - Solar PV Installer

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8C909
Principles of Construction



CONSTRUCTION

8C909 Principles of Construction

Grade: 9 - 10

Credit: 1 State

Class Rank: 6

Principles of Construction will provide an introduction and lay a solid foundation for those students entering the construction or electrical technology areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. Students will learn skills such as problem solving, critical thinking, safety, health, environmental, leadership, and teamwork. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.

8C911 Construction Technology I

Grade: 10 - 12

Credit: 2 State

Class Rank: 6

Prerequisite: Principals of Construction

In Construction Technology, students gain knowledge and skills specific to those needed to enter the work force as carpenters or building maintenance supervisors or build a foundation toward a postsecondary degree in architecture, construction science, drafting, or engineering. Construction Technology I includes the knowledge of the design techniques and tools related to the management of architectural and engineering projects.

8C920 Construction Technology II

Grade: 11 - 12

Credit: 2 State

Class Rank: 6

Prerequisite: Construction Technology I

In Construction Technology II, students gain knowledge and skills specific to those needed to enter the workforce as carpenters or building maintenance supervisors or build a foundation toward a postsecondary degree in architecture, construction science, drafting, or engineering. Construction Technology II includes the knowledge of the design, techniques, and tools related to the management of architectural and engineering projects.

8C951 Practicum in Construction Technology

Grade: 12

Credit: 2 State

Class Rank: 7

Prerequisite: Construction Technology II

Practicum in Construction Technology is an occupationally specific course designed to provide classroom technical instruction or on-the-job training experiences. Safety and career opportunities are included in addition to work ethics and job-related study in the classroom.

8C941 Electrical Technology I

Grade: 10 - 11 Credit: 1 State

Class Rank: 6

Prerequisite: Principles of Construction.

This course requires an application submission and instructor approval.

This course meets at the NTCC Industrial Technology Training Center. Transportation is provided. Students gain knowledge and skills specific to those needed to enter the workforce as an apprentice electrician or building maintenance or prepare for a post-secondary degree in construction. Students acquire knowledge in wiring methods for single family, multi-family dwellings, National Electrical Code, load-center wiring, branch circuit wiring, electrician tool identification, electrical symbols, Ohms Law, load calculations, service entrance sizing, proper grounding techniques, and safety procedures. Students have the opportunity to receive OSHA 10 hour Construction certification.

8C970 Electrical Technology II – Dual Credit

Grade: 11th ONLY Credit: 2 State

Class Rank: 8

Prerequisite: Electrical Technology I.

This course requires an application submission and instructor approval.

Students will have the opportunity to earn college credit in ELPT 1329/ ELPT 1319 through NTCC.

This course meets at the NTCC Industrial Technology Training Center. Transportation is provided. In Electrical Technology II, students gain knowledge and skills specific to those needed to enter the work force as an electrician or building maintenance technician or prepare for a post-secondary degree in construction or Industrial Maintenance. Students acquire knowledge and skills in safety. Topics include electrical theory, tools, National Electrical Code, installation of electrical equipment, alternating current, and direct current motors, branch circuit wiring, Ohms law, and conduit bending techniques. Students shall have the opportunity to receive 6 Dual Credit hours with Northeast Texas Community College Electrical Occupations Certificate Program.

8C972 Electrical Technology II – Dual Credit

Grade: 12th ONLY Credit: 2 State

Class Rank: 8

Prerequisite: Electrical Technology I.

This course requires an application submission and instructor approval.

Students will have the opportunity to earn college credit in ELPT 1329/ ELPT 1319 through NTCC.

This course meets at the NTCC Industrial Technology Training Center. Transportation is provided. In Electrical Technology II, students gain knowledge and skills specific to those needed to enter the work force as an electrician or building maintenance technician or prepare for a post-secondary degree in construction or Industrial Maintenance. Students acquire knowledge and skills in safety. Topics include electrical theory, tools, National Electrical Code, installation of electrical equipment, alternating current, and direct current motors, branch circuit wiring, Ohms law, and conduit bending techniques. Students shall have the opportunity to receive 6 Dual Credit hours with Northeast Texas Community College Electrical Occupations Certificate Program.

8C975 Practicum in Electrical Technology – Dual Credit

Grade: 12

Credit: 2 State

Class Rank: 8

Prerequisite: Successful completion of Electrical Technology II;

This course requires an application submission and instructor approval.

*Students will have the opportunity to earn college credit in ELPT 1320/ ELPT 1345 through NTCC. **This course meets at the NTCC Industrial Technology Training Center. Transportation is provided.*** Practicum in Electrical technology is an occupationally specific course designed to provide classroom technical instruction and/or supervised on-the-job training experiences. Safety and career opportunities are included in addition to work ethics and job-related study in the classroom. Students will complete a capstone project as part of this practicum. This capstone project allows students to use their problem solving skills and the technical knowledge they gain throughout their high school career. Students shall have the opportunity to receive 6 Dual Credit hours with Northeast Texas Community College Electrical Occupations Certificate Program.

obtain the Servsafe Management Certification.

Cosmetology

- Possible Career Choices**
- Barber
 - Cosmetologist
 - Hair Color Specialist
 - Texture Specialist
 - Esthetician
 - Manicurist
 - Salon Owner
 - Salon Manager
 - Makeup Artist
 - Director of Education
 - Fashion Show Stylist
 - Photo and Movie Stylist
 - Platform Artist and Educator
 - Beauty Magazine Writer
 - Beauty Magazine Editor
 - Cosmetology School Owner
 - Trade Show Director

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Cosmetology Club.



8C601
Any Principles Class

8C655
**Introduction to
Cosmetology**

8C651 3 Credits
Cosmetology I

8C661 3 Credits
Cosmetology II

COSMETOLOGY

8C655 Introduction to Cosmetology

Grade: 10

Credit: 1 State

Class Rank: 6

Prerequisite: \$25.00 Prepaid Visa or MasterCard.

Introduction to Cosmetology is a one-credit theory based course designed for students interested in a career in cosmetology. This course will allow students to develop strong interpersonal skills and research careers in the beauty industry. Areas of exploration include: History of cosmetology, rules and regulations from Texas Department of Licensing and Regulation, general sciences, skin care and business skills. Students planning to enroll in this program must have a \$25.00 Prepaid Visa or MasterCard for the required permit to earn clock hours toward state licensing requirements the first week of class. Students not attaining a permit the first week of school will be dropped from the class.

8C651 Cosmetology I

Grade: 11

Credit: 3 State

Class Rank: 6

Prerequisites: Good attendance record and recommendation letter required if introduction to Cosmetology class not taken. Application required and instructor approved.

Cosmetology I is the first of a two a year, three-credit sequenced state licensed 1000-hour Cosmetology course which involves the study of hair, skin, nails and their related care. Students study and practice in a salon lab setting, using mannequins, each other and the general public as clientele for skill development. The program emphasizes safety and sanitation, professionalism, and leadership. Students develop technical skills and knowledge in hair color and chemical texture services, as well as hair design and haircutting. Students planning to enroll in this program must have a \$25.00 Prepaid Visa or MasterCard if they did not take Introduction to Cosmetology and a letter of Recommendation from a teacher. \$350.00 kit fee required the first day of instruction. Students will not be allowed to work on clinic floor without required kit. Students will be required to complete the minimum 500 clock hours to advance to Cosmetology II.

8C661 Cosmetology II

Grade: 12

Credit: 3 State

Class Rank: 7

Prerequisite: 500 hours and successful completion of Cosmetology I

Cosmetology II is the final year of a two year, three-credit sequenced state licensed 1000-hour Cosmetology course which involves the study of hair, skin, nails and their related care. Students study and practice in a salon lab setting, using mannequins, each other and the general public as clientele for skill development. The program emphasis advanced training and techniques in cosmetology; in addition to preparing students to take the Texas Department of Licensing and Regulation Cosmetology Exam. To receive credit for this course, the student must have completed all practical applications and be scheduled to take the Texas Department of Licensing and Regulation exam for cosmetologist. Upon passing the state board exams, the student will be a licensed cosmetologist in the state of Texas. Estimated expense: \$200.00.

Culinary Arts

- Possible Career Choices**
- Amusement & Recreation Attendant
 - Athlete & Sports Competitor
 - Baggage Porter & Bellhop
 - Coach and Scout
 - Chef and Head Cook
 - Conclerge
 - Cook, Short Order
 - Customer Service Representative
 - Food Service Manager
 - Host/Hostess, Restaurant, Lounge, Coffee Shop
 - Hotel, Motel, Resort Desk Clerk
 - Lodging Manager
 - Meeting & Convention Planner
 - Recreation Worker
 - Restaurant Worker
 - Restaurant Cook
 - Supervisor, Food Prep & Serving Workers
 - Supervisor, Housekeeping Workers
 - Supervisor of Personal Service Workers
 - Ticket Agent & Travel Clerk
 - Tour Guide
 - Umpire, Referee, Sports Official
 - Waiter, Waitress

8C454
Introduction to Culinary Arts

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8C461 2 Credits
Culinary Arts

8C464 2 Credits
Advanced Culinary Arts

8C473 3 Credits
Practicum in Culinary Arts

CULINARY ARTS

8C454 Introduction to Culinary Arts

Grade: 9 - 10

Credit: 1 State

Class Rank: 6

This course is the first course in a program of student designed to provide training opportunities in the food service and hospitality industries. The course will concentrate on skills and attributes needed to fill entry-level culinary and food service positions. Instruction includes training in the fundamentals of basic food production, nutrition, and sanitation, and restaurant management and services. As part of the instructions, refinement of basic skills is provided to assist students in directions, practicing communication skills, utilizing listening skills to follow directions, practicing basic math skills as applied to a culinary arts setting, and reading to gain information and to perform assignments and tasks as directed. Students will gain insight into a career in restaurants, Food/Beverage Services, and Culinary Arts.

8C461 Culinary Arts

Grade: 10 - 12

Credit: 2 State

Class Rank: 6

Prerequisite: Introduction to 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, a Texas culinary specialist certification, or any other appropriate industry certification. This course may be offered as a laboratory-based or internship course. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

8C464 Advanced Culinary Arts

Grade: 11 - 12

Credit: 2 State

Class Rank: 6

Prerequisite: Culinary Arts and Instructor approval

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. In this course, students will gain a deeper understanding of culinary skills and be able to successfully demonstrate them. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

8C473 Practicum in Culinary Arts

Grade: 12

Credit: 3 State

Class Rank: 7

Prerequisite: Successful completion of Advanced Culinary Arts

This course requires an application submission & Instructor Approval.

Students must have already obtained the Food Handler's certificate prior to taking this course.

This course is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Culinary Arts integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing workplace. Students are taught employability skills, which include job-specific skills applicable to their training plan, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Practicum in Culinary Arts is relevant and rigorous, supports student application of academic standards, and effectively prepares students for college and career success. Instruction may be delivered through school-based laboratory training or through work-based delivery arrangements such as cooperative education, mentoring, and job shadowing. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. During this course students will test to

Education and Training

- Possible Career Choices**
- Social Worker
 - Daycare Provider
 - Camp Counselor
 - Pediatrician
 - Teacher
 - Coach
 - Tutor
 - Librarian
 - Training and Development Manager
 - Instructional Designer
 - Health Educator
 - Principal

8C701
Principles of Education and Training

8C710
Human Growth and Development

8C721 2 Credits
Instructional Practices in Education and Training
 (Ready, Set, Teach I)

8C731D 3 Credits
Practicum in Education and Training
 (Ready, Set, Teach II)
 Dual Credit

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EDUCATION & TRAINING

8C701 Principles of Education & Training

Grade: 9 - 10

Credit: 1 State

Class Rank: 6

This course is designed to introduce learners to the various careers available within the education and training career cluster. Students use self-knowledge and educational and career information to analyze various careers within the education and training career cluster. Students will also gain an understanding of the basic knowledge and skills essential to 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 area of interest.

8C710 Human Growth and Development

Grade: 10 - 12

Credit: 1 State

Class Rank: 6

Prerequisite: Principles of Education & Training or Principles of Human Services

This technical laboratory course addresses knowledge and skills related to human growth and development. Students use these skills to promote well-being and healthy development. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

8C721 Instructional Practices in Education & Training (Ready, Set, Teach I)

Grade: 11 - 12

Credit: 2 State

Class Rank: 6

Prerequisite: Human Growth and Development

Instructional Practices in Education and Training is a field-based 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 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.

8C731D Practicum in Education & Training (Ready, Set, Teach II) Dual Credit

Grade: 12

Credit: 3 State

Class Rank: 8

*Prerequisite: Instructional Practices in Education & Training. Admission to NTCC and Infant and Pediatric CPR certification. **Application & Instructor Approval Required. Limited Space Available.***

Expenses: Attire for Rotations: \$30 and a flash drive for portfolios. Students will have the opportunity to earn college credit in EDUC 1301/EDUC 2301 through NTCC.

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 adolescents 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. **Students are held to a high standard of behavior. Conduct and attendance history are considered for acceptance into the program.**

Health Science

- Possible Career Choices**
- Athletic Trainer
 - Doctor
 - Lab Technician
 - Medical Assistant
 - Nurse Practitioner
 - Pharmacist
 - Pharmacy Tech
 - Physical Therapist
 - Physical Therapy Assistant
 - Physician Assistant
 - Occupational Therapist
 - Radiologist
 - Radiology Technician
 - RN/LVN/Certified Nurse Aide
 - Speech Therapist
 - Veterinarian
 - Veterinary Technician
 - Certified Patient Care Technician

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MPHS
HOSA

www.hosa.org

8C801
Principles of Health Science

8C811
Medical Terminology

8C830
Practicum in Health Science I
2 Credits

8C840
Anatomy and Physiology**

8C852
Practicum in Health Science II
(Medical Assisting)
Dual Credit
2 Credits

8C853
Practicum in Health Science II
(Patient Care Tech)
2 Credits

** Can be used as 4th Science Requirement

HEALTH SCIENCE & MEDICAL CAREERS

8C801 Principles of Health Science

Grade: 9 - 10

Credit: 1 State

Class Rank: 6

Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry. Please note that medical terminology is a large portion of this course. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others. This course prepares students for the health science career cluster.

8C811 Medical Terminology

Grade: 10 - 11

Credit: 1 State

Class Rank: 6

Prerequisite: Principles of Health Science

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. Skills attained include hand washing, vital signs, and American Heart Association CPR certification. Success in this course is required to advance to practicum.

8C830 Practicum in Health Science I

Grade: 11 - 12

Credit: 2 State

Class Rank: 7

Prerequisite: Health Science and American Heart Association Provider CPR Application and instructor approval required. Limited space available

Fee: Purchase of 1 - 2 sets of scrubs is required (approximately \$40 per set)

The Practicum 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. ***Practicum in Health Science courses require students to behave responsibly and professionally in a variety of circumstances. Students are held to a high standard of behavior. Conduct and attendance history are considered for acceptance into the program.***

8C853 Practicum in Health Science II – Patient Care Tech

Grade: 12

Credit: 2 State

Class Rank: 7

Prerequisite: Practicum in Health Science I and American Heart Association Provider CPR

Application and instructor approval required, and Limited space is available.

Course fee: Purchase of 2 sets of scrubs is required (approximately \$40 per set), and students must have a watch with a second hand.

Practicum II is designed to give students practical application of previously studied knowledge and skills. This course is a continuation of clinical experiences from Practicum I. Clinical experiences occur in hospital and clinical settings. Students use classroom time to prepare for the Certified Patient Care Technician (CPCT) Exam. Clinicals will involve longer-term internship clinical assignments.

Practicum in Health Science courses require students to behave responsibly and professionally in a variety of circumstances. Students are held to a high standard of behavior. Conduct and attendance history are considered for acceptance into the program.

8C852 Practicum in Health Science II - Medical Assisting - Dual Credit

Grade: 12

Credit: 2 State

Class Rank: 8

Prerequisite: Practicum in Health Science I and American Heart Association Provider CPR Application and instructor approval required. Limited space available.

Admission to Northeast Texas Community College

Course fee: Purchase of 1-2 sets of scrubs is required (approx. \$40 per set) and students must have a watch with a second hand.

Students will have the opportunity to earn college credit in MDCA 1313/MDCA 1205 through NTCC.

Practicum II 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. This course is a continuation of clinical experiences from Practicum I. Clinicals involve longer term internship clinical assignments. ***Practicum in Health Science courses require students to behave responsibly and professionally in a variety of circumstances. Students are held to a high standard of behavior. Conduct and attendance history are considered for acceptance into the program.***

8C840 Anatomy & Physiology

Grade: 11 - 12

Credit: 1 State

Class Rank: 7

Prerequisite: Successful completion of Biology and Chemistry I

Recommended for students in the Health Science Career Cluster

In Anatomy and Physiology, students 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 study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. ***This course can count for the 4th Science.***

Law Enforcement

- Possible Career Choices**
- Animal Control Worker
 - Arbitrator, Mediator, & Conciliator Bailiff
 - Child, Family & School Social Worker
 - Correctional Officer and Jailer
 - Court Reporter
 - Crossing Guard
 - Detective & Criminal Investigator
 - Fire Inspector & Investigator
 - Firefighter
 - Fish & Game Warden
 - Forensic Science Technician
 - Judge, Magistrate Judge
 - Law Clerk
 - Lawyer
 - Paralegal & Legal Assistant
 - Parking Enforcement Worker
 - Police & Sheriff's Patrol Officer
 - Police, Fire, & Ambulance Dispatcher
 - Private Detective & Investigator
 - Security Guard
 - Supervisor/Manager of Correctional Officers
 - Supervisor/Manager of Firefighting Officers
 - Supervisor/Manager of Police & Detectives
 - Transit & Railroad Police

8C300
Principles of Law, Public Safety, Corrections & Security

8C310
Law Enforcement I

8C341
Law Enforcement II
Dual Credit

8C335
Forensic Science**

8C335
Forensic Science**

8C341
Law Enforcement II
Dual Credit

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** Can be used as 4th Science Requirement

LAW ENFORCEMENT

8C300 Principles of Law, Public Safety, Corrections, & Security

Grade: 9 - 10

Credit: 1 State

Class Rank: 6

This course introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine 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, security, and corrections.

8C310 Law Enforcement I

Grade: 10 - 12

Credit: 1 State

Class Rank: 6

Prerequisite: Principles of Law, Public Safety, Corrections, & Security

Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime.

8C341 Law Enforcement II – Dual Credit

Grade: 11 - 12

Credit: 1 State

Class Rank: 8

Prerequisite: Law Enforcement I. Students will have the opportunity to earn college credit in CRIJ 1301/CRIJ 1307 through NTCC.

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

8C335 Forensic Science

Grade: 11 - 12

Credit: 1 State

Class Rank: 6

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

8C335Q Forensic Science Honors

Grade: 11 - 12

Credit: 1 State

Class Rank: 7

Prerequisite: Biology; Chemistry or Physics; and Principles of Law, Public Safety, Corrections & Security.

This course covers the same concepts as Forensic Science. The content is studied in greater depth, includes advanced math calculations in topics as blood spatter and ballistics and may include additional topics. This course is highly recommended for students interested in pursuing a career in law, public safety, corrections, and security occupations.

S.T.E.M.

- Possible Career Choices**
- Applications Software Developers
 - Market Research Analysts
 - Computer Programmer
 - Civil Engineers
 - Electrical Engineer
 - Medical Scientists
 - Environmental Engineer
 - Chemists
 - Economists
 - Health and Safety Engineers

8C402
Principles of Applied Engineering*

8C410
Engineering Design and Presentation I*

8C421 2 Credits
Engineering Design and Presentation II*

8C423 2 Credits
Practicum in S.T.E.M.*

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* This course meets the Technology Application requirement

(STEM) SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS

8C402 Principles of Applied Engineering

Grade: 9

Credit: 1 State

Class Rank: 6

Principles of Applied Engineering provide an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will use a variety of computer hardware and software applications to complete assignments and projects. Further, students will work on a design team to develop a product or system.

8C410 Engineering Design & Presentation I

Grade: 10

Credit: 1 State

Class Rank: 6

Prerequisite: Principals of Applied Engineering. Application

This is a project-based course. Students will improve problem solving, communication and design skills while solving various community based projects. Students will build prototypes or use simulation software to test their designs. Additionally, students explore career opportunities, employer expectations, and educational needs in the STEM industry.

8C421 Engineering Design & Presentation II

Grade: 11 - 12

Credit: 2 State

Class Rank: 7

Prerequisite: Completion or concurrent enrollment in pre-calculus or physics OR completion of engineering design and presentation.

This is a project-based course. Students will improve problem solving, research and design skills while solving various community based projects. Students will also learn how to document their work and communicate their solutions to peers and to members of the professional community. Students will build prototypes or use simulation software to test their designs. Additionally, students explore career opportunities, employer expectations, and educational needs in the STEM industry.

8C423 Practicum in STEM

Grade: 12

Credit: 2 State

Class Rank: 7

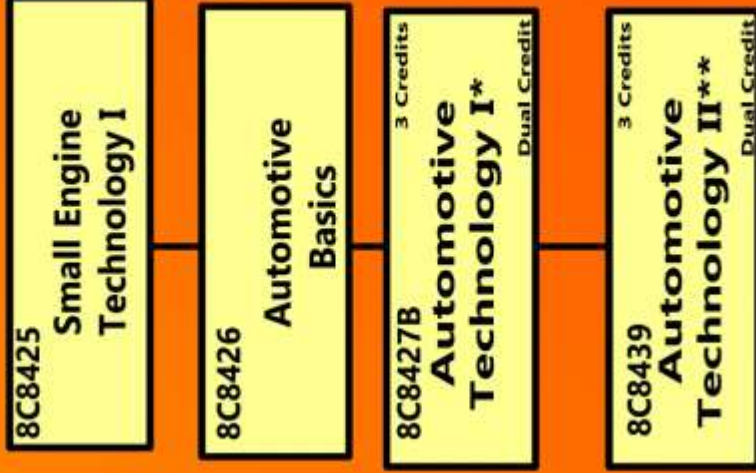
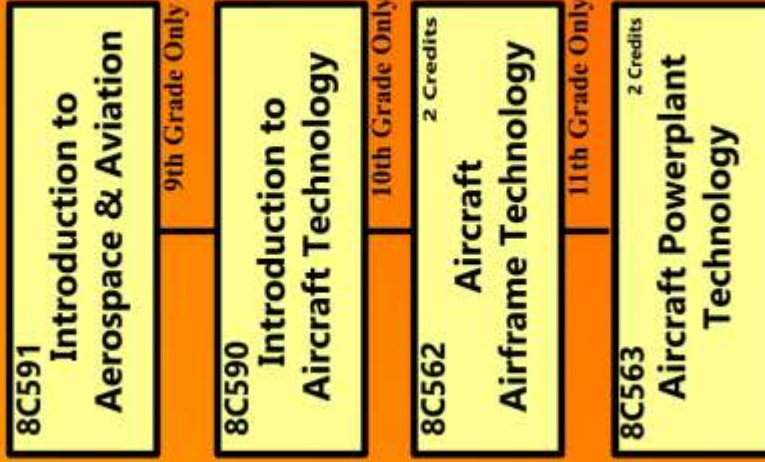
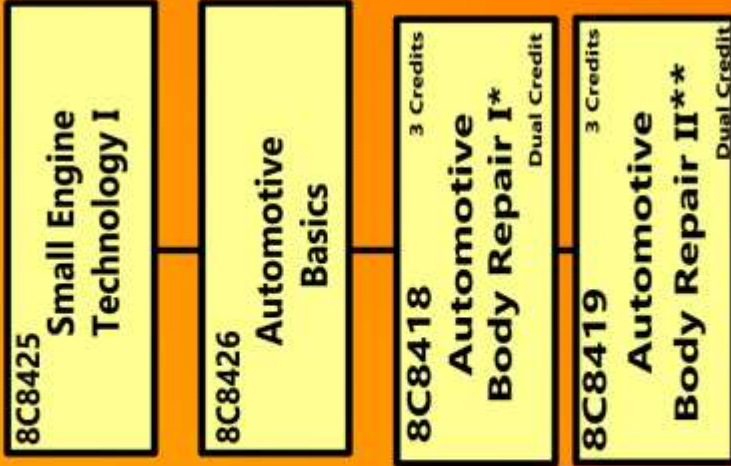
Prerequisite: Successful completion of a STEM sequence course.

This capstone course provides students the opportunity to apply skills and knowledge acquired in previous engineering/STEM courses in completion of various real projects for the community throughout the year. Students will refine their skills in problem solving, research, communication, data analysis, teamwork, and project management. Students will keep a digital portfolio of their work throughout the year.

Transportation, Distribution & Logistics

Possible Career Choices

- Transportation Management
- Logistics Management
- Inventory Management
- Logistics Analysis
- Air Traffic Controller
- Airplane Pilot
- Helicopter Pilot
- Motorcycle Mechanic
- Aviation Technician
- Diesel Engine Mechanic
- Flight Instructor



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SkillsUSA

* 11th or 12th Grade
** 12th Grade only

TRANSPORTATION, DISTRIBUTION, & LOGISTICS

Automotive Courses are college courses taught on the NTCC Campus. School bus transportation will be provided and students must ride the bus to and from the NTCC Campus

8C8425 Small Engine Technology I

Grade: 09 – 10

Credits: 1

Class Rank: 6

Small Engine Technology I includes knowledge of the function and maintenance of the systems and components of all types of small engines such as outdoor power equipment, motorcycles, generators, and irrigation engines. This course is designed to provide training for employment in the small engine technology industry. Instruction includes the repair and service of cooling, air, fuel, lubricating, electrical, ignition, and mechanical systems. In addition, the student will receive instruction in safety, academic, and leadership skills as well as career opportunities.

8C8426 Automotive Basics

Grade: 10

Credits: 1

Class Rank: 6

Automotive Basics includes knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to service these systems, and will include applicable training in safety and environmental rules and regulations. The students will gain knowledge and skills in the repair, maintenance, and servicing 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.

8C8427B Automotive Technology I – Dual Credit

Grade: 11 - 12

Credits: 3 (2 State and 1 Local)

Class Rank: 7

Prerequisite: CTE Director approval. Students will have the opportunity to earn college credit in AUMT 1201/AUMT 1316/AUMT 1257/AUMT 1345 through NTCC.

Automotive services include knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In Automotive Technology, students 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 the theory of operation of automotive vehicle systems and associated repair practices.

8C8439 Automotive Technology II – Dual Credit

Grade: 12

Credits: 3 State

Class Rank: 7

Prerequisite: CTE Director approval. Students will have the opportunity to earn college credit in AUMT 1307/AUMT 2305 through NTCC.

Automotive services include knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In Automotive Technology, students 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 the theory of operation of automotive vehicle systems and associated repair practices.

8C8418 Automotive Body Repair I – Dual Credit

Grade: 11 - 12

Credits: 3 State

Class Rank: 7

Prerequisite: CTE Director approval. Students will have the opportunity to earn college credit in ABDR 1419/ABDR 1315 through NTCC.

Students will receive an introduction to tools, utilizing hand and air tools with appropriate plastic filler application, basic metal straightening procedures, and assembly procedures required in the repair of collision damage with an emphasis on safety. Students will be taught personal and environmental safety practices. **Students may lease a set of hand tools from the College for \$40.00.**

8C8419 Automotive Body Repair II – Dual Credit

Grade: 12

Credit: 3 State

Class Rank: 7

Prerequisite: CTE Director approval. Students will have the opportunity to earn college credit in ABDR 1331/ABDR 1391 through NTCC.

Students will receive an introduction to current refinishing products, shop safety, and the equipment used in the automotive refinishing industry. There will be an emphasis on surface preparation, masking techniques, and use and care of paint guns. Students will further study fabrication and paint as it applies to cars and street rods. **Students may lease a set of hand tools from the College for \$40.00.**

Aircraft Courses will meet on the MPHS Campus

8C591 Introduction to Aerospace and Aviation

Grade: 9 - 10

Credit: 1 State

Class Rank: 6

The Introduction to Aerospace and Aviation course will provide the foundation for advanced exploration in the areas of professional pilot, aerospace engineering, and unmanned aircraft systems. Students will learn about the history of aviation from Leonardo da Vinci's ideas about flight to the Wright brothers and the space race. Along the way, students will learn about the innovations and technological developments that have made today's aviation and aerospace industries possible. The course includes engineering practices, the design process, aircraft structure, space vehicles past and present, and a look toward future space exploration. Students will also learn about the wide variety of exciting and rewarding careers available to them. Introduction to Aerospace and Aviation course will inspire students to consider aviation and other aerospace careers while laying the foundation for continued study in grades 10 – 12.

8C590 Introduction to Aircraft Technology

Grade: 10-11

Credit: 1 State

Class Rank: 6

Introduction to Aircraft Technology is designed to teach the theory of operation of aircraft airframes, power plants, and associated maintenance and repair practices. Maintenance and repair practices include knowledge of the function, diagnosis, and service of general curriculum subjects, airframe structures, airframe systems and components, power plant theory and maintenance, and power plant systems and components of aircraft. Additionally, students will explore career opportunities in the aviation industry.

8C562 Aircraft Airframe Technology

Grade: 11

Credit: 2 State

Class Rank: 6

Prerequisite: Successful completion of Introduction to Aircraft Technology

This course requires the submission of an application and instructor approval.

Aircraft Airframe Technology is designed to teach the theory of operation of aircraft airframes and associated maintenance and repair practices. Airframe maintenance and repair practices include knowledge of the function, diagnosis, and service of airframe structures, systems, and components of aircraft.

8C563 Aircraft Powerplant Technology

Grade: 12

Credit: 2 State

Class Rank: 6

Prerequisite: Successful completion of Aircraft Airframe Technology; for school year 2021-2022 the prerequisite is successful completion of Introduction to Aircraft Technology.

This course requires the submission of an application and instructor approval.

Aircraft Powerplant Technology is designed to teach the theory of operation of aircraft powerplants and associated maintenance and repair practices. Powerplant maintenance and repair practices include knowledge of the theory, function, diagnosis, and service of powerplant, systems, and components of aircraft.

WORK-BASED LEARNING

Work-Based Learning Programs require one hour of classroom instruction coupled with 15 hours of on the job training in an approved work site. Work-based learning programs are described below:

8C8954 Career Preparations I

Grade: 11 - 12

Credit: 3 State

Class Rank: 6

Prerequisite: Students must be at least 16 years of age by Sept. 1

Students must have an approved job before the start of the school year.

This course is an instructional arrangement that develops the essential knowledge and skills through a combination of school-based technical instruction and coordinated work-based training in occupationally specific training areas. Approved training areas include Communications and Media Systems, Construction-Maintenance Systems, Electrical-Electronic Systems, Industrial and Manufacturing Systems, Personal and Protective Services Systems, and Transportation Systems. Students must work a minimum of 15 hours per week. Students must have a job before entering into any WBL program. **Students must have transportation to and from the work site. Application available in the counselor's office. Instructor approval required.**

8C8955 Career Preparations II

Grade: 12

Credit: 3 State

Class Rank: 6

Prerequisite: Successful completion of Career Preparations I

Student must be at least 16 years of age by September 1

Students must have an approved job before the start of the school year.

This course is an instructional arrangement that develops the essential knowledge and skills through a combination of school-based technical instruction and coordinated work-based training in approved trade and industrial education occupationally specific training areas. Approved training areas include Communications and Media Systems, Construction-Maintenance Systems, Electrical-Electronic Systems, Industrial and Manufacturing Systems, Personal and Protective Services Systems, and Transportation Systems. Students must work a minimum of 15 hours per week. Students must have a job before entering into any WBL program. **Students must have transportation to and from the work site. Application available in the counselor's office. Instructor approval required.**

8C990 Out 1 PERIOD

Grades: 11 - 12

Credit given in Co-op Classes. Number used for all OJT course offerings

8C991 Out 2 PERIODS

Grades: 11 - 12

Credit given in Co-op Classes. Number used for all OJT course offerings

OTHER COURSES

8C8956 General Employability Skills

Grade: 11-12

Credit: 1 State

Class Rank: 6

This course provides students with knowledge of the prerequisite skills for general employment as well as the means of obtaining those skills. Employability skills include fundamentals of maintenance of personal appearance and grooming. The course also includes the knowledge, skills, and attitudes that allow employees to get along with their co-workers, make important work-related decisions, and become strong members of the work team. Discovering job possibilities that link skills, abilities, interest, values, needs, and work environment preferences is a part of the process of obtaining employability skills and abilities and is experiential learning that takes place over time.

8C8957 Student to Industry Connection

Grade: 12

Credit: 1 State

Class Rank: 6

The Student to Industry Connection course provides students with the opportunity to develop professional relationships with experienced individuals within the student's chosen program of study and to demonstrate necessary skills for an online virtual workplace. Students will learn acceptable virtual etiquette and professionalism for the teleworking environment. The central focus of this course is to prepare students to be 21st century career ready through interaction with the seasoned workplace mentor. The course may include a work-based learning component. Instruction will support students with marketable skills attainment.

8C8920 Career & Academic Planning (CAP)

Grade: 12

Credit: 1 State

Class Rank: 7

Seniors, it is time to begin planning for your future. Whether you need help choosing a college or figuring out your career goals, this class will provide you with the knowledge to make those choices with confidence. CAP will focus on ACT/SAT prep, college admissions, scholarships, financial aid, as well as career research. You will also develop financial planning skills and life skills necessary for everyday living.

4140 Personal Financial Literacy

Grade: 10 – 12

Credit: .5 State

Class Rank: 6

Personal Financial Literacy will teach students to apply critical-thinking and problem-solving skills to analyze decisions involving earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college and postsecondary education and training. Students will also understand the power of both compound growth on investments and compound interest on debt and how these concepts affect the ability to build wealth over time. Includes instruction in methods of paying for college and other postsecondary education and training along with completing the application for federal student aid provided by the U.S. Department of Education. Students understand that a constitutional republic is a representative form of government whose representatives derive their authority from the consent of the governed, serve for an established tenure, and are sworn to uphold the constitution.

Grade: 9 - 11

Credit: 1 State

Class Rank: 7

E121 Debate I

E122 Debate II

E123 Debate III

Grade: 9 - 11

Credit: 1 Local

Class Rank: 7

E124 Debate IV

Controversial issues arise in aspects of personal, social, public and professional life in modern society. Debate and argumentation are widely used to make decisions and reduce conflict. Debate I and II are designed to give students the skills and expertise to develop sound critical thinking and sharpen communication skills. The student will learn how to analyze issues, know the difference between propositions of value and policy; develop logical thinking skills, utilize different research sources, construct arguments, and learn effective oral communication skills. This class is intended to prepare students to engage in extracurricular debate tournaments in the district, regional, and state debate tournaments. Emphasis will be in preparing for UIL Debate Tournaments in contest. Participation in UIL Debate or Academic tournaments is required.

1111 UIL English

3333 UIL Science

4444 UIL Social Studies

5555 UIL Accounting

6666 UIL Computer Science

7771 UIL Computer Applications

E127 UIL Mathematics

Grade: 9 - 12

Credit: 1 Local

Class Rank: 7

These courses require after school activities. Student will be expected to participate in UIL academic events on some Saturdays.

8C8911 Freshman Skills

Grade: 9

Credit: 1 State

Class Rank: 6

In addition to helping student transition successfully from Junior High to High School, Freshman Skills will develop computer literacy skills and give students the tools 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 their skills in reading, writing, computing, communication, and reasoning.

E200 Study Hall

Grade: 10 - 12

Credit: 1 Local

Class Rank: 0

Students with room in their schedules may elect 1 period of study hall for local credit. Students will be expected to do class work, work on projects, and/or study for tests during this period. This class is dependent on teacher availability.

E980 Teacher Aide

Grade: 12

Credit: 1 Local

Class Rank: 0

Student assistants work with assigned Teacher. In order to be eligible for office aide, a student must have passed all courses during their junior year.

ONLY 12th Grade students can be teacher aides.

E990 Office Aide

Grade: 12

Credit: 1 Local

Class Rank: 0

Student assistants work in various offices at the high school and assist individual teachers. In order to be eligible for office aide, a student must have passed all courses during their junior year.

ONLY 12th Grade students can be office aides.