


# MPHS

*Course Guide Manual*

*2015-2016*

{ Your *future* is created }

*on* what you do **TODAY**



# TABLE OF CONTENTS

Assurance of Nondiscrimination	2
Introduction	2
Graduation Requirements	2
Early Graduates	2
State Graduation Requirements (4x4 Plan)	4
State Graduation Requirements (Foundation High School Plan)	5
Foundation High School Program Endorsement Requirements	6
Foundation High School Program Performance Acknowledgements	6
Special Programs	8
Testing Programs	11
Grade Points	12
Language Arts	13
Mathematics	18
Science	21
Social Studies	25
Languages Other Than English	29
Fine Arts	32
Physical Education	44
Athletics	45
Athletic Trainer	47
Agricultural Sciences	49
Architecture, Construction & Engineering	53
Arts, Audio Visual Technology & Communication	57
Business, Finance, & Marketing	60
Health Science	65
Hospitality and Tourism (Culinary Arts)	69
Human Services	72
Information Technology	76
Law, Public Safety, Corrections, & Security	79
Other Courses	80

# **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.

## **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. English IV and Government and Economics can be taken on the MPHS campus during the junior year or can be taken as dual credit through NTCC if all application and testing requirements are met with the college. 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 5<sup>th</sup> 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 State Graduation Requirements (4x4) Plan

<b><u>Subjects</u></b>	<b><u>Minimum</u></b> (by approval)	<b><u>Recommended</u></b>	<b><u>Distinguished*</u></b>
English	4 credits	4 credits	4 credits
Math	3 credits must include Algebra I & Geometry	4 credits must include Algebra I, Geometry and one advance math	4 credits must include Algebra I, Geometry, Algebra II & Pre-Calculus
Science	2 credits must include Biology	4 credits must include Biology + 3 credits from Environmental System	4 credits must include Biology + 3 credits from Chemistry, Physics and additional approved
Social Studies	3.5 credits (World Geography, World History, US History, & .5 Govt.)	3.5 credits (World Geography, World History, US History & .5 Govt.)	3.5 credits (World Geography, World History, US History & .5 Govt.)
Economics	.5 credit	.5 credit	.5 credit
PE or Athletics	1 credit	1 credit	1 credit
Fine Arts	1 credit	1 credit	1 credit
Languages other Than English	0 credit	2 credits must be in the same language	3 credits must be in the same language
Communication Applications	.5 credit	.5 credit	.5 credit
Electives	10.5 credits	5.5 credits	4.5 credits
<b>Total</b>	<b>26</b>	<b>26</b>	<b>26</b>

\*Distinguished Achievement Graduation Plan requires 4 advanced measures in addition to the State mandated credits:

- a score of 3 or above on the College Board AP exam;
- a grade of 3.0 (80) or higher on college level courses
- original research/project conducted under the supervision of mentors & reported to an audience;
- a score on the PSAT (Jr. year) that qualifies as a Commended Scholar or higher by the National Merit Scholarship Corporation.

# 4X4 PLAN DISTINGUISHED ACHIEVEMENT PROGRAM

## Advanced Measures

**PURPOSE:** The Distinguished Achievement Program recognizes students who demonstrate levels of performance equivalent to college students or work done by professionals in the arts, sciences, business, industry, or in community service. Distinguished level of achievement is required to be eligible for top 10% automatic admission.

### STANDARDS FOR APPROVAL OF REQUIREMENTS:

- Advanced measures focus on demonstrated student performance at the college or professional level.
- Student performance is assessed through an external review process.

**REQUIREMENTS OF THE DISTINGUISHED ACHIEVEMENT PROGRAM:** Students must complete the requirements found in 19 TAC § 74.13 and receive any combination of **four (4)** of the following advanced measures (examples: two AP examinations, one college course, one research project; OR four AP examinations). Advanced measures include:

**\* Original research/test data**

- judged by a panel of professionals in the field that is the focus of the project; or
- conducted under the direction of mentor(s) and reported to an appropriate audience; (see Appendix for MPHS criteria)

**\* Test data:**

- a score of three or above on The College Board Advanced Placement examination;
- a score of four or above on an International Baccalaureate examination;
- a score on the PSAT that qualifies a student for recognition as a Commended Scholar or higher by the National Merit Scholarship Corporation; as part of the National Hispanic Scholar Program of The College Board; or as part of the National Achievement Scholarship Program for Outstanding Negro Students of the National Merit Scholarship Corporation. The PSAT score may count as only one advanced measure regardless of the number of honors received by the student;

**\* College courses:**

- A grade of "B" (3.0) or higher on courses that count for college credit.

**Mt. Pleasant High School State  
Graduation Requirements  
Foundation High School Program**

	Foundation	+Endorsement(s)	Distinguished
Discipline	Credits	Credits	Credits
English	4	4	4
Math	3	4	4 includes Algebra II
Science	3	4	4
Social Studies	3	3	3
Foreign Language	2	2	2
Fine Arts	1	1	1
Physical Education	1	1	1
Technology Application	1	1	1
Freshman Skills	1	1	1
Electives	7	5	5
Total Credits for Graduation:	<b>26</b>	<b>26</b>	<b>26</b>

**Endorsement:**

- STEM
- Business and Industry
- Arts and Humanities
- Public Services
- Multidisciplinary Studies

# Foundation High School Program Endorsement Requirements

## **Arts & Humanities:** (see below)

- Social Studies and Economics (5 credits)
- LOTE (4 credits) Spanish I-IV or French I-IV
- LOTE (4 credits) Spanish I-II + French I-II
- Fine Arts (4 credits) a coherent sequence from 1 or 2 of 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 \*Architecture & Construction  
\*Arts, Audio/Video Technology & Communication \*Business, Finance, &  
Marketing \*Hospitality & Tourism \*Information Technology

## **Multidisciplinary:** (4 credits from below)

- Foundation areas of English, Math, Science, and Social Studies (must have 4 credits in each area...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
- Human Services
- Law, Public Safety, Security & Corrections
- Health Sciences

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

- CTE (4 credits in coherent sequence from approved CTE cluster (Engineering). 2 must be from same cluster; 1 must be advanced)
- 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.

A student may earn a Performance Acknowledgment on the student's diploma and transcript for outstanding performance in dual credit courses by completing:

1. 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 GPA of the equivalent of 3.0 or higher on a 4.0 scale or
2. 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:

1. 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
2. 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:

- A. Participated in and met the exit criteria for a bilingual or English as a second language (ESL) program; and
- B. Scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).

A student may earn a Performance Acknowledgment on the student's diploma and transcript for outstanding performance on a College Board advanced placement test by earning a score of 3 or above on a College Board advanced placement examination.

A student may earn a Performance Acknowledgment on the student's diploma and transcript for outstanding performance on the PSAT, the SAT, or the ACT by:

1. 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.
2. Achieving the college readiness benchmark score on at least two of the four subject tests on the ACT-Plan examination.
3. Earning a combined critical reading and mathematics score of at least 1250 on the SAT; or
4. Earning a composite score on the ACT examination of 28 (excluding the writing subscore).



## SPECIAL PROGRAMS

**Advanced Placement Courses** – It is the philosophy of MPISD that all students are encouraged to have high expectations. Therefore, MPHS follows an open Pre-AP/AP enrollment policy. Any student wishing to attempt the Pre-AP/AP coursework is allowed to do so. 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 a Pre-AP/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 high school credit, college credit, or both by taking 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 Pre-AP/AP courses in the areas of Language Arts, Math, Science, Social Studies, languages other than English, and Portfolio Art. Students enrolling in Pre-AP courses should consult the guidelines and requirements for those programs.

**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 (American National Government), Economics (Principles of Macroeconomics), English IV (English Composition I & II), Algebra II (College Algebra), Pre-Calculus (College Trigonometry & College Pre-Calculus), Chemistry II (Chemistry), Automotive, Electrical Technology, Psychology and Sociology. No other course work completed at the college will be recorded on the high school transcript or given grade points for ranking purposes.

### **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, Geometry I ELL

Science: Environmental Systems ELL and 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 Recommended Program or the Distinguished Achievement Program. 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](http://www.ncaaclearinghouse.com).

NCAA approved core courses are listed below:

**English**

Debate  
English I  
English II  
English III  
English IV  
English Language AP  
English Literature AP  
Journalism  
Communication Applications

**Social Studies**

Economics  
Psychology  
US Government  
US History  
World History

**Math**

Algebra I  
Algebra II  
Geometry  
Pre-Calculus  
Calculus  
Statistics AP

**Natural/Physical Science**

Anatomy & Physiology  
Biology  
Biology AP  
Chemistry I  
Chemistry AP  
Environmental Science  
Integrated Physics and Chemistry  
Environmental Systems  
Physics

**Additional Core Courses**

French I, II, III, & IV  
Spanish I, II, III, AP

**Texas Grant Program** – The purpose of the program is to provide a grant of money to enable well-prepared eligible students to attend public and private non-profit institutions of higher education in Texas. Awards will be made through the college financial office. A student is eligible to compete for the grant if the student:

- Is a Texas resident;
- Graduated from a public or accredited private high school in Texas no earlier than Fall 1998;
- Completed the Recommended or Distinguished Achievement high school curriculum;
- Has financial need;
- Has applied for any available financial aid or assistance;
- Enrolls at least ¾ time in an undergraduate degree or certificate program and received his/her first TEXAS Grant within 16 months of high school graduation; and
- Has not been convicted of a felony or a crime involving a controlled substance.

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

**Texas Scholar Requirements**

Distinguished High School Program along with 8 hours of community service each year  
**or** Foundation High School Program with Distinguished Achievement and one Performance Acknowledgement along with 8 hours of community service each year.

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 complete one or more Advanced Measure Requirements for the Distinguished Achievement Program (DAP) by scoring a three (3) or better on an AP Exam. Fee required.

**ASVAB**—Armed Services Vocational Aptitude Battery is given to juniors and seniors 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 in January and June of each year. Students may earn credit for a course in which they have not been enrolled by scoring a 90 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 EOC 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. Beginning with the 2007-2008 school year, only students passing all exit level exams will participate in the graduation ceremonies.

**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. Freshmen and 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	6	7	8
100	6.0	7.0	8.0
99	5.9	6.9	7.9
98	5.8	6.8	7.8
97	5.7	6.7	7.7
96	5.6	6.6	7.6
95	5.5	6.5	7.5
94	5.4	6.4	7.4
93	5.3	6.3	7.3
92	5.2	6.2	7.2
91	5.1	6.1	7.1
90	5.0	6.0	7.0
89	4.9	5.9	6.9
88	4.8	5.8	6.8
87	4.7	5.7	6.7
86	4.6	5.6	6.6
85	4.5	5.5	6.5
84	4.4	5.4	6.4
83	4.3	5.3	6.3
82	4.2	5.2	6.2
81	4.1	5.1	6.1
80	4.0	5.0	6.0
79	3.9	4.9	5.9
78	3.8	4.8	5.8
77	3.7	4.7	5.7
76	3.6	4.6	5.6
75	3.5	4.5	5.5
74	3.4	4.4	5.4
73	3.3	4.3	5.3
72	3.2	4.2	5.2
71	3.1	4.1	5.1
70	3.0	4.0	5.0
69 and below	0	0	0

Courses not included in class rank: STAAR EOC remediation courses, all Tiger Academy local credits, credit recovery lab, courses recovered in the lab, courses completed in summer school, courses completed at the ALC, courses completed in junior high, OJT, Study Hall and Office Aide.

# LANGUAGE ARTS

## **1121E English 1**

Grade: 9-10 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 (1 State, 1 Local)

Class Rank: 6

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.

## **1525 Creative Writing**

Grade: 9 Credit: 1 State

Class Rank: 6

This course is specifically designed for students who are interested in advancing into the study of English grammar. Emphasis will be on building a strong base in grammar and vocabulary through appropriate literature selections. In this course critical analysis of literature is undertaken with practical application of creating multi-paragraph essays responding to the literature. Students will research and present information demonstrating an understanding of the writing process. Conventions of usage and the mechanics of written English will be stressed.

## **1221E English II**

Grade: 10-11 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:10-11 Credits: 2 (1 State, 1 Local)

Class Rank: 6

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:11-12 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 Pre-AP (Multicultural Literature)**

Grades: 11-12 Credit: 1 State

Class Rank: 7

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

This course will count as an English III credit. This course is designed for students with a notably strong interest in multi-cultural literary study and writing. Students in this course will experience cultural diversity through the study of American ethnic writers. The course will focus on the relationship between culture and society and the unique contribution each culture brings to that society. The literature studied will consist of African, Hispanic, Asian, and Native American writings from each of the four major genres – fiction, nonfiction, poetry and drama. Through their writing and reading, 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. 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 sharpen their information gathering skills and synthesize various opinions into an informed conclusion during a major research project.

### **1350P English III AP**

Grades: 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.

### **1421 English IV**

Grade: 12 Credit: 1

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: 1State

Class Rank: 8

*Prerequisite: Successful completion of English III (preferably AP)*

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 and/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**

Grade: 12    Credit: 1State

Class Rank: 8

*Prerequisite: Successful completion of English III (preferably AP)*

Course Description- 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.

Course Goal- 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.

Counselor Approval is required before registering for the dual credit section *Prerequisite: Meet all admission requirements to Northeast Texas Community College including TSI Assessment. Tuition for six-semester hours must be paid to NTCC. Students finishing the course with a "B" or better may use this course as fulfillment of two Advanced Measure for the 4 x 4 Distinguished Graduation Plan.*

**1111 UIL English**

Grade: 9-12 Credit: 1 Local

Class Rank: 7

This course is for those students who will compete in UIL English events.

**1520 Communication Applications**

Grades: 9-12 Credit: .5 State

Class Rank: 6

**This is the required speech course for potential NCAA athletes.**

This course is designed to develop socially effective speaking and communication skills in front of an audience, while strengthening self-confidence and logical thinking abilities. Through specific speech presentations, the student will be able to present competent information in both informative and persuasive situations. This course will instruct the student on the proper procedures for structure and delivery of various types of speeches while dealing with specific audiences. Focus will be given to the art of the informative and persuasive debate and the procedures of practicing delivery of each type of speech learned.

**8C140 Professional Communication**

Grades: 9-12 Credit: .5 State

Class Rank: 6

This course is designed to develop socially effective speaking and communication skills in front of an audience, while strengthening self-confidence and logical thinking abilities. Through specific speech presentations, the student will be able to present competent information in both informative and persuasive situations. This course will instruct the student on the proper procedures for structure and delivery of various types of speeches while dealing with specific audiences. Focus will be given to the art of the informative and persuasive debate and the

# MATHEMATICS

## **2122E Algebra I**

Grades: 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.

## **2121EL Algebra I ELL**

Grades: 9      Credits: 2 (1 State, 1 Local)

Class Rank: 6

This course is designed for ELL students. 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.

## **2221S Geometry I ELL**

Grades: 9-10      Credits: 2 (1 State, 1 Local)

Class Rank: 6

This course is designed for ELL students. 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 Pre-AP**

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 Pre-AP**

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), and successful completion of Algebra II Pre-AP during the fall semester. Students must meet all admission requirements to Northeast Texas Community College including the TSI Assessment. Tuition must be paid to NTCC. Students finishing this course with a "B" or better may use this course as fulfillment of one Advanced Measure for the 4 x 4 Distinguished Graduation Plan.*

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 Pre-AP**

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 for six-semester hours must be paid to NTCC.*

Students finishing the course with a "B" or better may use this course as fulfillment of two Advanced Measures for the 4 x 4 Distinguished Graduation Plan.

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.

**2551P Calculus AP**

Grade: 12 Credit: 1 State

Class Rank: 8

*Prerequisite: Successful completion of Pre-Calculus (preferably Pre-AP or dual credit)*

This course is designed for the student who has displayed both exceptional ability and diligence in the study of all mathematical courses. This course is organized under four broad headings: functions, graphs & limits, derivatives, and integrals. This course is designed to prepare the student for the Calculus AB AP exam at the end of the course.

**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.

**E127 UIL Math team**

Grades: 9-12

Credit: 1 Local

Class Rank: 7

This course is designed to familiarize and prepare the students for topics involved in UIL academic competitions.

# SCIENCE

## **3461 Environmental Systems**

Grade: 9<sup>th</sup> only                      Credit: 1 State                      Class Rank: 6

Students will investigate the natural world and it's 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.

## **3461SO Environmental Systems ELL**

Grade: 9<sup>th</sup> only                      Credit: 1 State                      Class Rank: 6

Students will investigate the natural world and it's 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: 9-10                      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.

## **3222 Biology I ELL**

Grade: 9-10                      Credit: 1 State                      Class Rank: 6

This course is designed for ELL students only. 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.

## **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.

## **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 Pre-AP**

Grades: 10-11                      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 on entering Chemistry II AP the following year.

### **3350P Chemistry II AP/Dual Credit**

Grades: 11-12

Credit: 1 State

Class Rank: 8

*Prerequisite: Successful completion of Chemistry I (preferably Pre-AP). Students must have successfully completed or be currently enrolled in Algebra II. For dual credit, students must meet all admission requirements to Northeast Texas Community College including the TSI Assessment. Tuition must be paid to NTCC. Students finishing this course with a "B" or better may use this course as fulfillment of two Advanced Measures for the 4 x 4 Distinguished Graduation Plan.*

This second-year course addresses topics related to reaction stoichiometry, reactions occurring in aqueous solutions, thermochemistry, electrochemistry, and chemical equilibrium. This course is especially recommended for students who plan to study engineering, medicine, nursing, and advanced scientific fields. Emphasis will be on preparing students to take the AP exam at the end of the course.

### **3420 Physics**

Grades: 11-12

Credit: 1 State

Class Rank: 6

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

Physics 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.

### **3430Q Physics Pre-AP**

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 Pre-AP 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 Dual Credit Physics**

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 Northeast Texas Community College including the TSI Assessment. Tuition must be paid to NTCC. Students finishing this course with a "B" or better may use this course as fulfillment of two Advanced Measures for the 4 x 4 Distinguished Graduation Plan.*

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 will explore topics including electrostatics; electrical circuits; electromagnetism; physical and geometric optics; quantum, atomic, and nuclear physics.

### **3451P AP Physics 1**

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*

This course is an Algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory simple circuits.

### **3452P AP Physics 2**

Grades: 11-12

Credit: 1 State

Class Rank: 8

*Prerequisites: Student must have successfully complete AP Physics 1, and be concurrently enrolled in Pre-AP Pre-Calculus, Dual Credit Pre-Calculus, or Calculus AP*

This course is an Algebra-based, introductory college-level physics course that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics.

### **3450P AP Physics C Mechanics / AP Physics C Electricity and Magnetism**

Grades: 11-12

Credit: 1 State

Class Rank: 8

*Prerequisites: Successful completion of AP Physics 1 or Dual Credit Physics and be concurrently enrolled in Calculus AP.*

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*

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



**3460 Environmental Systems**

Grades: 11-12      Credit: 1 State

Class Rank: 6

*Prerequisites: Biology and Chemistry*

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 biology and chemistry is an integral part of this course.

**3523 Astronomy**

Grades: 11-12      Credit: 1 State

Class Rank: 7

*Prerequisites: Biology and Chemistry*

Students will explore the history, concepts and theories of Astronomy and demonstrate skills associated with the science of Astronomy including star identification, stellar calculations, planet recognition and contributions made by space exploration.

**8C843 Medical Microbiology**

Grades: 12      Credit: ½ State

Class Rank: 7

*Recommended Prerequisite or Co-requisite: Anatomy & Physiology.*

Laboratory and field work will comprise 40% of the course. Students in Medical Microbiology explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases.

*This course is paired with Pathophysiology***8C845 Pathophysiology**

Grades: 12      Credit: ½ State

Class Rank: 7

*Recommended Prerequisite or Co-requisite: Anatomy & Physiology.*

Laboratory and field work will comprise 40% of this course. In Pathophysiology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Pathophysiology study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology.

*This course is paired with Medical Microbiology.***8C555 Advanced Animal Science**

Grades: 11-12      Credit: 1 State

Class Rank: 7

*Qualifies as the 4<sup>th</sup> science on the 4x4 graduation plan**Recommended Prerequisite: Livestock Production & Equine Science*

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

**3333 UIL Science**

Grade: 9-12      Credit: 1 Local

Class Rank: 7

This course is for those students who will compete in UIL events.

# SOCIAL STUDIES

## **4221 World History I**

Grade: 9

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.

## **4230Q World History I Pre-AP**

Grade: 9

Credit: 1 State

Class Rank: 7

This course is designed for those students who wish to take AP World History their sophomore year. The course traces the development of world history from the emergence of civilization to political revolutions of the 1700's and 1800's. This course emphasizes the analytical and writing skills necessary to be successful in an AP or college-level history course. Considerable time is required for reading, writing, and evaluating primary and secondary sources, analysis of historiography, oral presentations, short essays, and the development of a document based question.

## **4801 America in Times of War**

Grade: 10

Credit: .5 State

Class Rank: 6

This course is an in depth study of American History from World War II through the Cold War. In this course students are provided the opportunity to develop greater understanding of the historic, political, economic, geographical, multicultural, and social forces that have shaped their lives and the world in which they live. Students will use social science knowledge and skills to engage in rational and logical analysis of complex problems using a variety of approaches, while recognizing and appreciating diverse human perspectives.

## **4802 Globalization of America**

Grade: 10

Credit: .5 State

Class Rank: 6

The core of this course is contemporary American history beginning with the early Civil Rights Movement to present. These events of recent history impact student's lives the most as they prepare for American Citizenship participation. This course covers current events and flows back through the remainder of the 21<sup>st</sup> century to the 1990s, 1980s, 1970s, 1960s, 1950s, and 1940s. Emphasis is placed on political movements; leaders; legal issues; foreign affairs; national and international conflicts and their resolutions; and economics.

**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

In Government, 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 and Early Graduates

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 and Early Graduates    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 for six-semester hours must be paid to NTCC.*

Students finishing the course with a “B” or better may use this course as fulfillment of one Advanced Measure for the 4 x 4 Distinguished Graduation Plan.

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. GOVT 2301

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.

**4444 UIL Social Studies**

Grade: 9-12    Credit: 1 Local    Class Rank: 7

This course is for those students who will compete in UIL events.

# FOREIGN LANGUAGES

## FRENCH

### **5221 French I**

Grades: 9 – 11      Credit: 1 State      Class Rank: 6

This course is for students who want to learn the basic structure of the French language and the cultural differences between the French and the American people. Emphasis will be placed on listening and speaking skills. Grammar is presented through substitution, transformation, question & answer, and guided conversation drills. Culture is taught both incidentally and periodically throughout the year through reading narratives, photographic illustrations, and situations that are particular to the French people and similar to or different from the Americans.

### **5222 French II**

Grades: 10 – 12      Credit: 1 State      Class Rank: 6

*Prerequisite: Successful completion of French I*

This course is a continuation of French I. Vocabulary and structure (grammar) are expanded. Reading and writing skills are emphasized; speaking and listening skills are further developed. Culture is studied in depth periodically throughout the year.

### **5230Q French III Pre-AP**

Grades: 11 – 12      Credit: 1 State      Class Rank: 7

*Prerequisite: Successful completion of French II*

Students will learn to read, with little dictionary assistance, typical contemporary prose as found in short stories, newspaper, and magazine articles, plays, and poetry. They will understand oral narrative and conversations typical of everyday life and will develop an ability to communicate orally in a fashion appropriate for young adults on topics of general interest. Students are introduced to writing French compositions.

### **5250P French IV AP**

Grades: 12      Credit: 1 State      Class Rank: 8

*Prerequisite: Successful completion of French III Pre-AP*

The focus of this course is the development of oral proficiency through the study of French literature. Students are expected to use advanced speaking and written skills when making presentations or working in groups. Emphasis will be on preparing students to take the AP Exam at the end of the course.

### **5111 Special Topics in Language and Culture**

Grades: 10-12      Credit: 1 State      Class Rank: 6

*Prerequisite: Must have teacher recommendation to take this course.*

In this course students will demonstrate novice level communication skills acquired in a Language Other Than English Level I course (Spanish and French), develop a greater understanding of other cultures, Make connections to other disciplines, and draw comparisons between languages and cultures. By gaining insight into other world cultures, students will appreciate difference and diversity, which will better prepare them to meet the career demands of the 21<sup>st</sup> century.

# SPANISH

## **5321 Spanish I Monolingual**

Grades: 9-11      Credit: 1 State

Class Rank: 6

This course 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 Monolingual Pre-AP**

Grades: 9-11      Credit: 1 State

Class Rank: 7

This course is a more advanced and rigorous version of Spanish I Monolingual. It is designed to prepare students to be successful in the Pre-AP Spanish program that fulfills the Distinguished Graduation Plan (3 years of foreign language.) 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 and is a requirement. This course includes more advanced projects.

## **5322 Spanish I Bilingual**

Grades: 9-11      Credit: 1 State

Class Rank: 6

This class is a specialized class for native 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 reading and writing skills and based in studies of Latin American culture.

## **5323 Spanish II Monolingual**

Grades: 9-12      Credit: 1 State

Class Rank: 6

*Prerequisite: Successful completion of Spanish I*

This course, a review of Spanish I, emphasizes the use of basic Spanish and meets the two year requirement for the recommended plan. Students are not expected to go into Spanish III from this course and be fully prepared.

## **5323Q Spanish II Monolingual Pre-AP**

Grades: 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 Monolingual that is designed to prepare students to be successful in the level 3 class in the Distinguished plan. 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 the Distinguished program, ending in Spanish III Pre-AP.

## **5324 Spanish II Bilingual**

Grades: 9-12      Credit: 1 State

Class Rank: 6

*Prerequisite: Successful completion of Spanish I*

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. 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 Bilingual Pre-AP**

Grades: 9-12

Credit: 1 State

Class Rank: 7

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

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. 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 countries in Central America. This course includes projects and follows a pathway to the Distinguished program, ending in Spanish III Pre-AP.

**5331Q Spanish III Monolingual Pre-AP**

Grades: 10-12

Credit: 1 State

Class Rank: 7

*Prerequisite: Successful completion of Spanish II Monolingual (preferably Pre-AP)*

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.

**5332Q Spanish III Bilingual Pre-AP**

Grades: 10-12

Credit: 1 State

Class Rank: 7

*Prerequisite: Successful completion of Spanish II Bilingual Pre-AP*

The interdisciplinary study of language in its cultural and social contexts, with emphasis on linguistically diverse communities. Students will be able to achieve profound understanding of the Spanish-speaking world and its cultures with the focus on South America and Spain. Students are expected to master the four language skills on the advanced level. They will effectively use higher-level academic vocabulary in written and oral assessments, demonstrate comprehension of authentic reading selections and culturally and linguistically diverse audiovisual media. Topics include language and culture, history of the Spanish-speaking countries, society and politics, ethnicity and populations, among others.

**5350P AP Spanish Language (Spanish IV Bilingual & Spanish IV Monolingual)**

Grades: 11-12

Credit: 1 State

Class Rank: 8

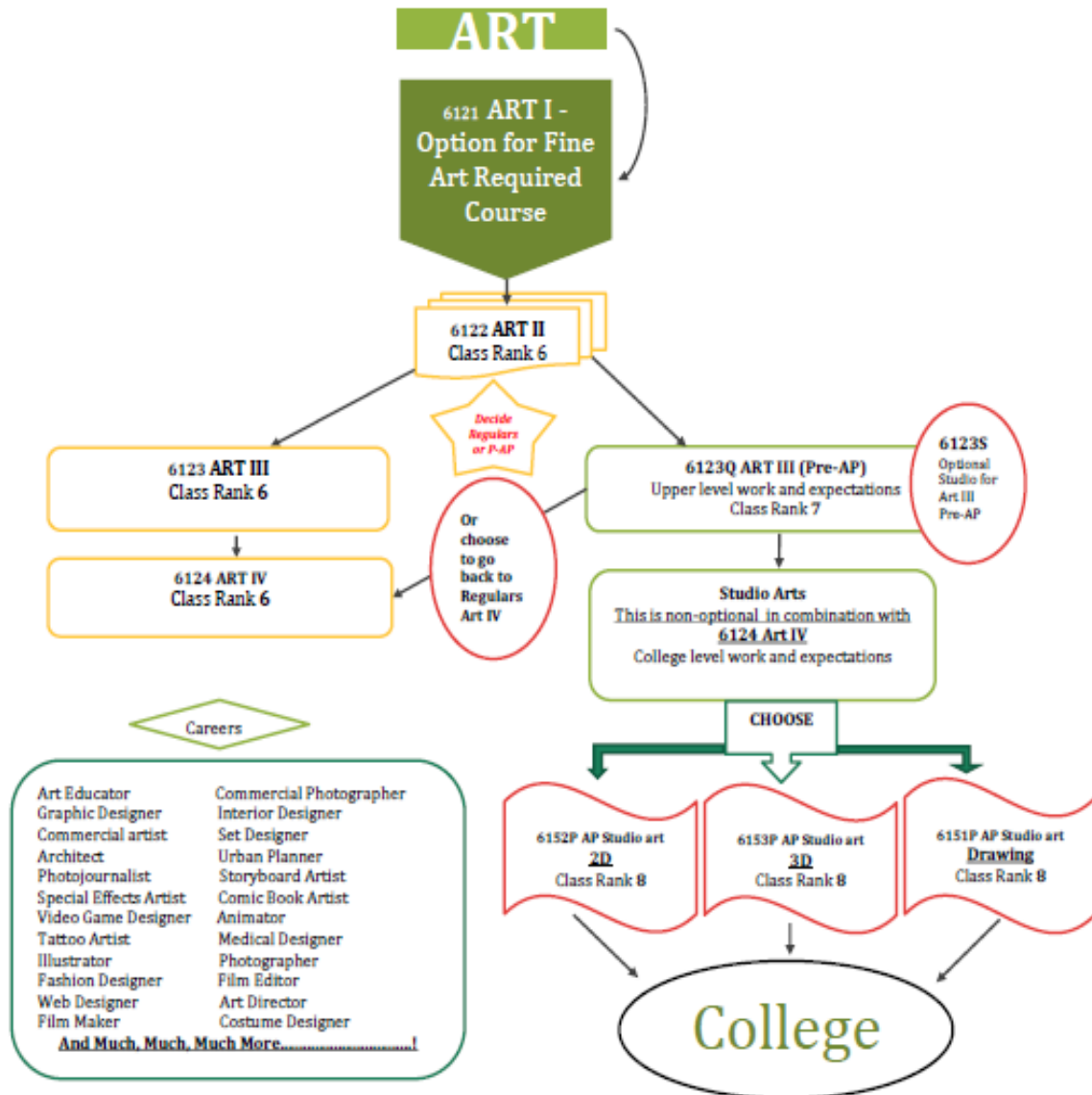
*Prerequisite: Successful completion of Spanish II Bilingual (preferably Pre-AP) or Spanish III Monolingual Pre-AP*

Monolingual students will be immersed in the language along with Bilingual students in preparation for the AP Spanish Language 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 South 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.



# Art

## Course Options



# FINE ARTS

## ART

### 6121 Art I

Grades: 9-12

Credit: 1 State

Class Rank: 6

**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

Grades: 10-12

Credit: 1 State

Class Rank: 6

**Prerequisite: 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: 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.

### 6123 Art III

Grades: 11-12

Credit: 1 State

Class Rank: 6

**Prerequisite: Art I, Art II 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: 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.

### 6124 Art IV

Grade: 12

Credit: 1 State

Class Rank: 6

**Prerequisite: Art I, Art II, and Art III or Art III Pre-AP 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: 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: 11

Credit: 1 State

Class Rank: 6

**Prerequisite: Art I, Art II, and 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.** Description:

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, abstraction, 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.

### **6123S Studio Art**

Grade: 11

Credit: 1 State

Class Rank: 6

**This is an optional class to complement ART III Pre-AP. This can be taken at another time during the day for the student to work on their portfolio. Students desiring to go on to an AP art class are encouraged to take this course.**

---

### **Choices for AP Studio Art:**

**Prerequisite: Art I, Art II, Art III (Pre-AP) and/ or Teacher approval**

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

### **6151P AP Studio Art Drawing**

Grades: 11-12

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**

Grades: 11-12

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**

Grades: 11-12

Credit: 1 State

Class Rank: 8

This college-level portfolio is intended to address a broad interpretation of sculptural issues in depth and space. Theses 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 I & II TIGER DOLLS TIGER DOLL OFFICERS

\*Basic Dance Skills  
 \*Various types of dance  
 \*2 small performances  
 \*Prepare for Tiger Doll Tryouts

\*MPHS Drill Team  
 \*Performances all year long  
 \*Open to 9-12 grades  
 \*Tryouts in May

\*Student Leaders of Tiger Dolls  
 \*Rigorous Tryout process in May  
 \*Must attend 2 summer camps



**Sample Performances Include:**  
 \*Football Game Halftime Shows  
 \*Basketball Game Halftime Performances  
 \*Parades \*Competitions \*Talent Shows  
 \*Spring Show \*Pep Rallies  
 \*Guest Performers @Elementary Schools

Possible Career Venues: Dance Studio, Teacher, Assistant, Professional: Film, Stage

## Dance

### **7511B Dance I**

Grades: 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. A course fee of \$75 for dance apparel can be paid in installments.

### **7511A Dance II**

Grades: 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**

Grades: 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**

Grades: 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 competition held each spring.

<b>7511T</b>	<b>Tiger Dolls I</b>
<b>7512</b>	<b>Tiger Dolls II</b>
<b>7513</b>	<b>Tiger Dolls III</b>
<b>7514</b>	<b>Tiger Dolls IV</b>
<b>7515</b>	<b>Tiger Dolls Officers</b>

Some Employers of Theatre Majors

Community organizations, Educational/cultural institutions, Fundraising firms, Television/radio/film, Production companies, Colleges, universities, schools, churches, public and private schools, Theatres Touring companies, Local Regional Theatre, Arts Councils, Performing arts organizations, Libraries, Amusement and theme parks, Cruise lines, Film companies, Entertainment law firms, Self-employed studio

# THEATRE ARTS

## PERFORMANCE

stage, film,  
radio, TV



Theatre Arts I (6221) → Theatre Arts II (6222)  
(no afterschool required) (focus on film)  
some lab applications) (no afterschool required

– some lab applications)

or

Production Theatre I-II  
6226 6227

(trips and performances)

## TECHNICAL

set, costumes, makeup, sound,  
lighting, publicity



Technical Theatre I 6225  
(no afterschool required – just a couple of  
lab applications)

Technical Theatre II 62252  
(no afterschool required – just a couple of  
lab applications)

### ADVANCED MEASURE

Honors Production Theatre III-IV  
6228Q, 6229Q  
Technical Theatre III-IV  
03251100 , 03251200

### CAN TAKE TECHNICAL OR PRODUCTION AT THE SAME TIME AS THEATRE I OR INSTEAD OF –

#### DIRECTOR APPROVAL

### CAREERS - performance

Actor: ( film, stage, commercials),  
Singer, Dancer, Playwright,  
Musician, Screenwriter(movies),  
Theatre Educator, Drama Therapist,  
Acting Coach , Artist-in-residence,  
Voice-over Artist – (cartoons, video games,  
commercials),  
Advertising performer

PLUS MANY MORE

### CAREERS - management

Director – Stage/ film, Stage Manager,  
Producer, Theatre Educator, Outreach  
Coordinator, Booking Agent , Managing  
Director, College Professor , Publicist,  
Acting Coach Literary Agent, Public  
Relations Director, Dramaturge, Casting  
Director, Press Agent, Technical  
Director, Box Office Manager, Arts council  
director, Theatre librarian, Business  
Manager, Personal Manager, Audience  
Relations Specialist, Artist's Agent,  
Community arts center director, Choir  
director, Band/Color Guard Director, Dance  
Director

### PLAYWRITING 6420

(no afterschool) Have fun creating  
written pieces which can be performed.

### CAREERS -technical

Stage Manager, Costume Designer,  
DJ, Sound Engineer,  
Draper ,  
Special Effects Technician,  
Property Designer,  
Technical Director, Scenic Designer,  
Carpenter, Lighting Designer,  
Electrician, Business Manager,  
Coordinator Hair/Makeup

# THEATRE

## **6221 Theatre I**

Grades: 9-12

Credit: 1 State

Class Rank : 6

This course is an overview class involving warm-ups, pantomime, voice /mime, improvisation, puppetry, acting techniques, theatre games, musical theatre and technical. Students will learn how to handle stage performances and the technical aspects such as sound, lighting, costuming, set building, publicity, makeup and management. **NO AFTERSCHOOL REQUIRED.**

## **6222 Theatre II**

Grades: 10-12

Credit: 1 State

Class Rank: 6

Students will continue theatrical involvement focusing on the film and television aspect. Students will utilize their acting/theatrical skills by creating movies and film productions. **NO AFTERSCHOOL REQUIRED**

## **6226 Production Theatre I**

Grades: 9-12

Credit: 1 State

Class Rank: 6

## **6227 Production Theatre II**

Grades: 10-12

Credit: 1 State

Class Rank: 6

Prerequisite: Audition/Director Approval

This is an active participation/ application/performance class, which might require some afterschool rehearsals. Create productions through either acting or working technical aspects. This class performs at various locations off campus: community events, other schools, etc..

## **6228Q Honors Production Theatre III**

Grades: 11-12

Credit: 1 State

Class Rank: 7

## **6229Q Honors Production Theatre IV**

Grades: 12

Credit: 1 State

Class Rank: 7

Prerequisite: \_\_\_\_\_

Audition or Instructor Approval

Students receive extensive training in the business of the theatre/entertainment industry. Honors Theatre will allow students to direct, create theatrical research/analysis, self-development, specialize in individual acting. Some afterschool might be required.

## **6225 Technical Theatre I – No afterschool required**

Grades: 9-12

Credit: 1 State

Class Rank: 6

## **62252 Technical Theatre II\_– No afterschool required**

Grades: 10-12

Credit: 1 State

Class Rank: 6

## **62253Q Technical Theatre III - Some afterschool required**

Grades: 11-12

Credit: 1 State

Class Rank: 7

## **62254Q Technical Theatre IV - Some afterschool required**

Grades: 12

Credit: 1 State

Class Rank: 7

Students will have fun creating production skills which focuses on the technical aspects of performance. Students will learn sound, lighting, building, costuming, makeup, stage management, and business office management. Students will use their skills to run various events on campus.



**6240 Playwriting –**

Grades: 9-12

Credit: 1 State

Class Rank: 6

Students will have fun creating monologues; duets; skits; puppet and children plays; and one act and full length plays, which can be performed. Students will do a lot of improvisation and work shopping to create their writing portfolio. **No afterschool required.**

## BAND

- 6321A Band I 1<sup>st</sup> Year**
- 6322A Band II 2<sup>nd</sup> Year**
- 6323A Band III 3<sup>rd</sup> Year**
- 6324A Band IV 4<sup>th</sup> Year**

Grades: 9 –12

Credit: 1 State

Class Rank: 6

*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 first week of August in preparation for marching band performances throughout the fall and continue throughout the year. 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 performances 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.

- 6331 Jazz Band I 1<sup>st</sup> Year**
- 6332 Jazz Band II 2<sup>nd</sup> Year**
- 6333 Jazz Band III 3<sup>rd</sup> Year**
- 6334 Jazz Band IV 4<sup>th</sup> Year**

Grades : 9 –12

Credit: 1 State

Class Rank: 6

*Prerequisite: Students must be a 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.

- 63355 Colorguard 1<sup>st</sup> year**
- 63366 Colorguard 2<sup>nd</sup> year**
- 63377 Colorguard 3<sup>rd</sup> year**
- 63388 Colorguard 4<sup>th</sup> year**

Grades: 9 –12

Credit: 1 State

Class Rank: 6

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.

# CHOIR

- 6411 Belle Canto I**
- 6412 Belle Canto II**
- 6413 Belle Canto III**
- 6414 Belle Canto IV**

Grades: 9 –12                                      Credit: 1 State                      Class Rank: 6

*Prerequisite: Audition required*

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

- 6421 Chorale I                      1<sup>st</sup> Year**
- 6422 Chorale II                      2<sup>nd</sup> Year**
- 6423 Chorale III                      3<sup>rd</sup> Year**
- 6424 Chorale IV                      4<sup>th</sup> Year**

Grades : 9 –12                                      Credit: 1 State                      Class Rank: 6

*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**

Grades: 11 –12                                      Credit: 1 State                      Class Rank: 8

*Prerequisite: Instructor Approval*

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**

Grades: 11–12

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.

## FLORAL DESIGN

### **8C540 Principles & Elements of Floral Design**

Grades: 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.

# PHYSICAL EDUCATION

## P.E.

### **71700 Adventure/Outdoor Education**

Grades: 9-12

Credit: 1 State

Class Rank: 6

**Offered 2018-2019**

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 on student selection of activities that also promote respect for the environment and that can be enjoyed for a lifetime.

### **71711 Aerobic Activities**

Grades: 9-12

Credit: 1 State

Class Rank: 6

**Offered 2015-2016**

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**

Grades: 9-12

Credit: 1 State

Class Rank: 6

**Offered 2016-2017**

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 Team Sports**

Grades: 9-12

Credit: 1 State

Class Rank: 6

**Offered 2017-2018**

Students enrolled in Team Sports are expected to develop health-related fitness and an appreciation for team work 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. Aerobic Activities 71711 will be the course for the 2015-2016 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 SPORTS

### Men's Tennis

Grades: 9-12      Credit: 1 State      Class Rank: 6  
73111      Men's Tennis I  
73122      Men's Tennis II  
73133      Men's Tennis III  
73144      Men's Tennis IV

### Men's Golf

Grades: 9-12      Credit: 1 State      Class Rank: 6  
73211      Men's Golf I  
73222      Men's Golf II  
73233      Men's Golf III  
73244      Men's Golf IV

### Men's Soccer

Grades: 9-12      Credit: 1 State      Class Rank: 6  
73311      Men's Soccer I  
73322      Men's Soccer II  
73333      Men's Soccer III  
73344      Men's Soccer IV

### Men's Athletics (Football and Basketball)

Grades: 9-12      Credit: 1 State      Class Rank: 6  
73411      Freshman Men's Athletics  
73422      JV/Varsity Men's Athletics II  
73433      JV/Varsity Men's Athletics III  
73444      JV/Varsity Men's Athletics IV

### Baseball

Grades: 9-12      Credit: 1 State      Class Rank: 6  
73451      Baseball I  
73452      Baseball II  
73453      Baseball III  
73454      Baseball IV

## WOMEN'S SPORTS

### Women's Tennis

Grades: 9-12      Credit: 1 State      Class Rank: 6  
74111      Women's Tennis I  
74122      Women's Tennis II  
74133      Women's Tennis III  
74144      Women's Tennis IV

### Women's Golf

Grades: 9-12      Credit: 1 State      Class Rank: 6  
74211      Women's Golf I  
74222      Women's Golf II  
74233      Women's Golf III  
74244      Women's Golf IV

### Women's Soccer

Grades: 9-12      Credit: 1 State      Class Rank: 6  
74311      Women's Soccer  
74322      Women's Soccer  
74333      Women's Soccer  
74344      Women's Soccer

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

Grades: 9-12      Credit: 1 State      Class Rank: 6  
74411      Freshman Women's Athletics  
74422      JV/Varsity Women's Athletics II  
74433      JV/Varsity Women's Athletics III  
74444      JV/Varsity Women's Athletics IV

## Cheerleading

### Cheerleading

Grades: 9-12      Credit: 1 State      Class Rank: 6  
*Prerequisite: Audition Required*  
75211      Cheerleading I  
75222      Cheerleading II  
75233      Cheerleading III  
75244      Cheerleading IV

# Athletic Trainer

## Athletic Trainer

Grades: 9-12

Credit: 1 State

Class Rank: 6

*Prerequisite: Must get an application form the head Athletic Trainer and be approved by him.*

**7346 Athletic Trainer I**

**7347 Athletic Trainer II**

**7348 Athletic Trainer III**

**7349 Athletic Trainer IV**

## **7111 Sports Medicine I**

Grades: 9-12

Credit: 1 State

Class Rank: 6

*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**

Grades: 10-12

Credit: 1 State

Class Rank: 6

*Prerequisite: Instructor Approval*

*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 time homework and time required working with athletes and athletic teams.



Join this great  
MPHS  
Student  
Organization!

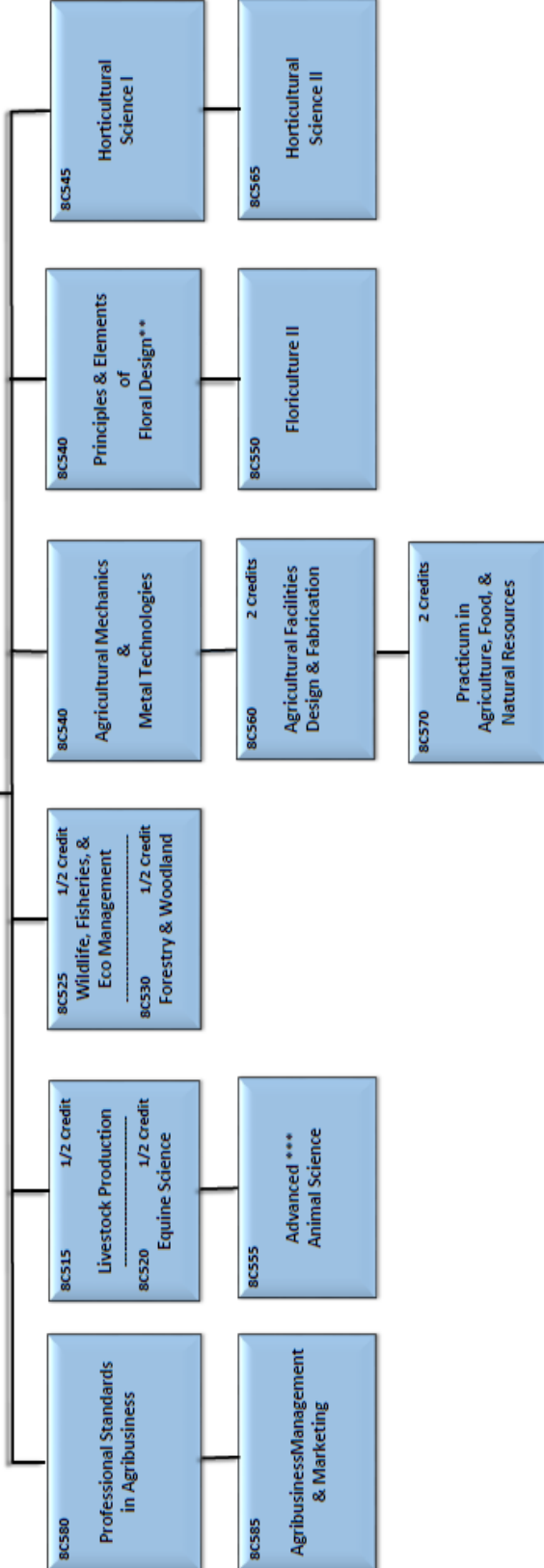


# Agricultural Science

8CS00 Principles of Agriculture, Food, & Natural Resources

8CS90 \*Science Technology

- Possible Career Choices**
- Agriculture Teacher
  - Agritourism & 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 & Water



\*This course satisfies the Technology Application requirements for the Foundation Graduation Plan.  
\*\*Can Be used as Fine Arts Credit.  
\*\*\*Can be used as 4th Science Requirement

**Endorsements Available:  
Business and Industry  
Multidisciplinary**

# CAREER & TECHNOLOGY

## AGRICULTURE, FOOD, & NATURAL RESOURCES

### **8C500 Principles of Agriculture, Food, & Natural Resources**

Grades: 9-10      Credit: 1 State      Class Rank: 6

To be prepared for careers in agriculture, food, and natural resources, students must 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.***

### **8C580 Professional Standards in Agribusiness**

Grades: 10-12      Credit: 1 State      Class Rank: 6

*This course will be offered in the Fall of 2015.*

This course primarily focuses on leadership, communication, employer-employee relations, and problem solving as they relate to agribusiness.

### **8C585 Agribusiness Management and Marketing**

Grades: 10-12      Credit: 1 State      Class Rank: 6

*This course will be offered in the Fall of 2016*

This course is designed to provide a foundation in agribusiness management and the free enterprise system. Instruction includes the use of economic principles such as supply and demand, budgeting, record keeping, finance, risk management, business law, marketing, and careers in agribusiness.

### **8C515 Livestock Production**

Grades: 10-12      Credit: .5 State      Class Rank: 6

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

### **8C520 Equine Science**

Grades: 10-12      Credit: .5 State      Class Rank: 6

This course examines careers in the field of animal science and knowledge related to equine science. Suggested animals which may be included in the course of study include, but are not limited to, horses, donkeys, and mules. *This course is paired with Livestock Production.*

### **8C555 Advanced Animal Science**

Grades: 11-12      Credit: 1 State      Class Rank: 6

*Qualifies as a 4<sup>th</sup> Science.*

*Prerequisite: Livestock Production & Equine Science*

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.

### **8C525 Wildlife, Fisheries & Ecology Management**

Grades: 10-12      Credit: .5 State      Class Rank: 6

This course examines the management of game and non-game wildlife species, fish, and aqua-crops and their ecological needs as related to current agricultural practices. *This course is paired with Forestry & Woodland Ecosystems.*

### **8C530 Forestry & Woodland Ecosystems**

Grades: 10-12      Credit: .5 State      Class Rank: 6

This course examines current management practices for forestry and woodlands. Special emphasis is given to management as it relates to ecological requirements and how these practices impact the environment. *This course is paired with Wildlife, Fisheries, & Ecology Management*

### **8C535 Agricultural Mechanics & Metal Technologies**

Grades: 10-12      Credit: 1 State      Class Rank: 6

*Prerequisite: Principals 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

### **8C560 Agricultural Facilities Design & Fabrication**

Grades: 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

### **8C570 Practicum in Agriculture, Food, & Natural Resources**

Grades: 12      Credit: 2 State      Class Rank: 6

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 Principles & Elements of Floral Design**

Grades: 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.

**8C550 Floriculture II**

Grades: 11-12      Credit: 1 State

Class Rank: 6

*Prerequisite: Principles & Elements of Floral Design**May obtain Floral Certification**Students can expect to spend \$40 on supplies.*

This is course will prepare students for careers in Floral Design. Students will have opportunities to learn, reinforce, and transfer their knowledge and skills in a variety of settings.

**8C545 Horticultural Science I**

Grades: 10-12      Credit: 1 State

Class Rank: 6

*Prerequisite is Principles of Ag*

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

**8C565 Horticultural Science II**

Grades: 11-12      Credit: 1 State

Class Rank: 6

*Prerequisite: Horticultural Science I*

A laboratory-oriented course designed to develop skills in the various technical areas of horticulture industry, preparing individuals to perform horticulture-related skills. The course emphasizes greenhouse and nursery crop production; landscaping; floral design; and fruit, nut, and vegetable crop production. Instruction will include information on career opportunities, leadership activities, and record keeping practices related to the horticulture industry. Students will perform all greenhouse operations and maintenance.

**8C890 Science Technology**

Grades: 10-12      Credit: 1 State

Class Rank: 6

*This course satisfies the Technology Application required for the Foundation Graduation Plan.*

Science Technology develops technology skills with application to Health Science or Agriculture Science situations. This course focuses on word processing, spreadsheets, databases, desktop publishing, presentation management, telecommunications, networking, operating systems, emerging technology and intermediate level skills as they relate to the Health Science and Agriculture Science workforce.

Join one or both of these great  
MPHS Student Organizations!

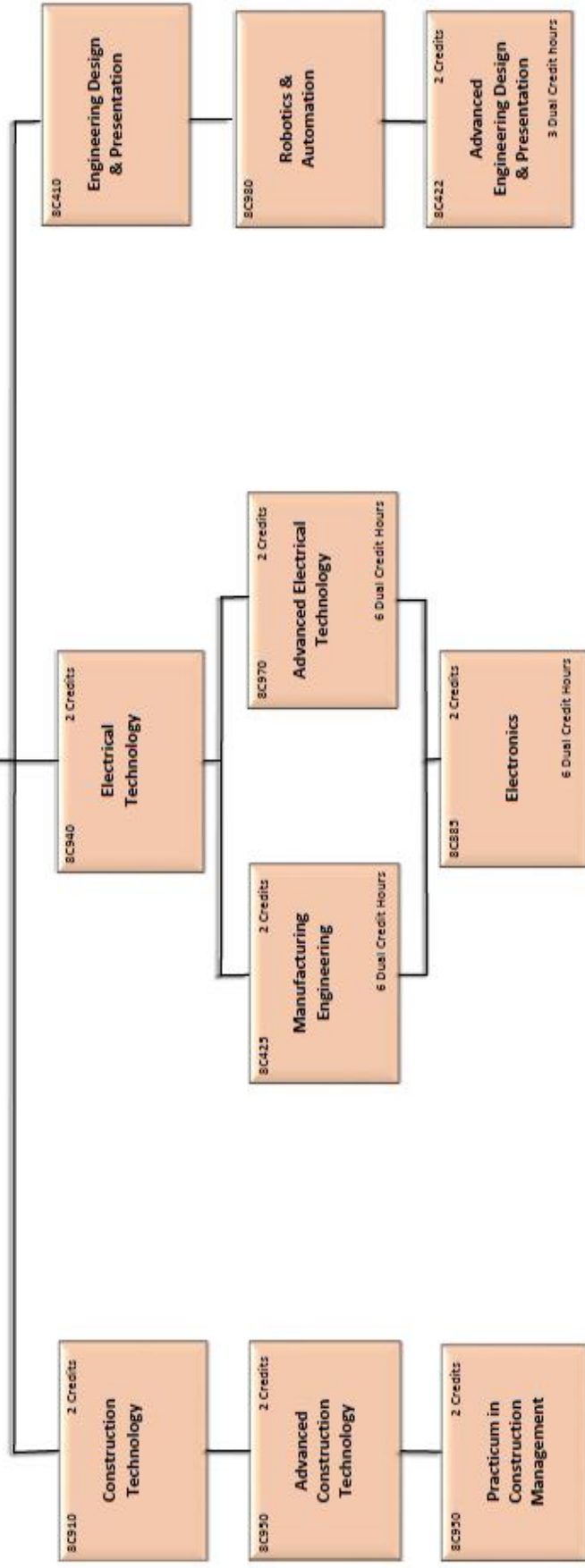


## Architecture, Construction & Engineering

- BC301 1/2 Credit  
\*Principles of Architecture & Training
- BC401 1/2 Credit  
\*Principles of Engineering Technology

### Possible Career Choices

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



Endorsements Available:  
Business and Industry  
Multidisciplinary  
STEM

\*This course satisfies the Technology Application requirements for the Foundation Graduation Plan.

# **SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS**

## **8C401 Principles of Engineering & Technology**

Grades: 9-10

Credit: .5 State

Class Rank: 6

Principles of Engineering and Technology 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 have worked on a design team to develop a product or system. *This course is paired with Principles of Architecture & Construction.*

## **8C410 Engineering Design & Presentation**

Grades: 10-12

Credit: 1 State

Class Rank: 6

*Prerequisite: Principals of Engineering*

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

## **8C980 Robotics and Automation**

Grades: 11-12

Credit: 1 State

Class Rank: 6

*Prerequisite: Engineering Design and Presentation*

An occupationally specific course that introduces basic concepts and skills related to robotics and automation. Special emphasis is placed on elementary robotic fundamentals and computer control. Students will work in a project-based environment to design and build radio controlled and computer controlled prototypes to solve problems. This course meets at the NTCC Industrial Technology Training Center. Transportation is provided. Students enrolled in this course will demonstrate knowledge and skills necessary for the robotic and automation industry. Through implementation of the design process, students will transfer advanced academic skills to component designs in a project-based environment. Students will build prototypes or use simulation software to test their designs. Additionally, students explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.

## **8C422 Advanced Engineering Design & Presentation**

Grades: 11-12

Credit: 2 State

Class Rank: 6

*Prerequisite: Robotics and Automation*

This course will provide students the opportunity to master computer software applications in a variety of engineering and technical fields. This course further develops the process of engineering thought and application of the design process.

*If enrolling in the dual credit section, students must meet all admission requirements to Northeast Texas Community College including any testing requirements.. Tuition must be paid to NTCC. Students finishing this course with a "B" or better may use this course as fulfillment of Advanced Measures for the DAP graduation plan.*

### **8C425 Manufacturing Engineering – Dual Credit**

Grades: 11-12      Credit: 2 State

Class Rank: 8

*Prerequisite: Electrical Technology*

In Manufacturing Engineering, students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. Knowledge and skills in the proper application of Manufacturing Engineering, the design of technology, efficient manufacturing technology, and the assessment of the effects of production technology prepare students for success in the global economy. The study of Manufacturing Engineering allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting.

### **8C901 Principles of Architecture, Construction, & Electrical Technology**

Grades: 9-10      Credit: .5 State

Class Rank: 6

Principles of Architecture and Construction provides an overview to the various fields of architecture, interior design, construction science, and construction technology. Achieving proficiency in decision making and problem solving is an essential skill for career planning and lifelong learning. Students use self-knowledge, educational, and career information to set and achieve realistic career and educational goals. Job-specific, skilled training can be provided through the use of training modules to identify career goals in trade and industry areas. Safety and career opportunities are included, in addition to work ethics and job-related study in the classroom such as communications; problem solving and critical thinking; Information Technology Applications; systems; safety, health, and environmental; leadership and teamwork; ethics and legal responsibilities; employability and career development; technical skills; introduction to hand tools; introduction to power tools; basic rigging; and reading technical drawings. *This course is paired with Principles of Engineering & Technology.*

### **8C910 Construction Technology**

Grades: 10-12      Credit: 1 State

Class Rank: 6

*Prerequisite: Principals of Architecture, Construction, and Electrical Technology*

In Construction Management, 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 Management includes the knowledge of the design techniques and tools related to the management of architectural and engineering projects.

### **8C920 Advanced Construction Technology**

Grades: 11-12      Credit: 2 State

Class Rank: 6

*Prerequisite: Construction Technology*

In Advanced Construction Management, 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 Management includes the knowledge of the design, techniques, and tools related to the management of architectural and engineering projects.

### **8C950 Practicum in Construction Management**

Grades: 12      Credit: 2 State

Class Rank: 6

*Prerequisite: Advanced Construction Technology*

Practicum in Construction Management 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.

### **8C940 Electrical Technology**

Grades: 10-12      Credit: 2 State

Class Rank: 6

*Prerequisite: Principles of Architecture, Construction & Electrical Technology*

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 postsecondary degree in construction. Students acquire knowledge in wiring methods for single family, multifamily 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 NCCER (National Center for Construction Education on Research) "CORE" Certification.

### **8C970 Advanced Electrical Technology – Dual Credit**

Grades: 11-12      Credit: 2 State

Class Rank: 8

*Prerequisite: Electrical Technology.*

This course meets at the NTCC Industrial Technology Training Center. Transportation is provided. In Advanced Electrical Technology, 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 postsecondary 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. This course provides an introduction to Programmable Logic Controls. Students have the opportunity to receive NCCER (National Center for Construction Education on Research) Electrical Certification

### **8C885 Electronics – Dual Credit**

Grades: 11-12      Credit: 2 State

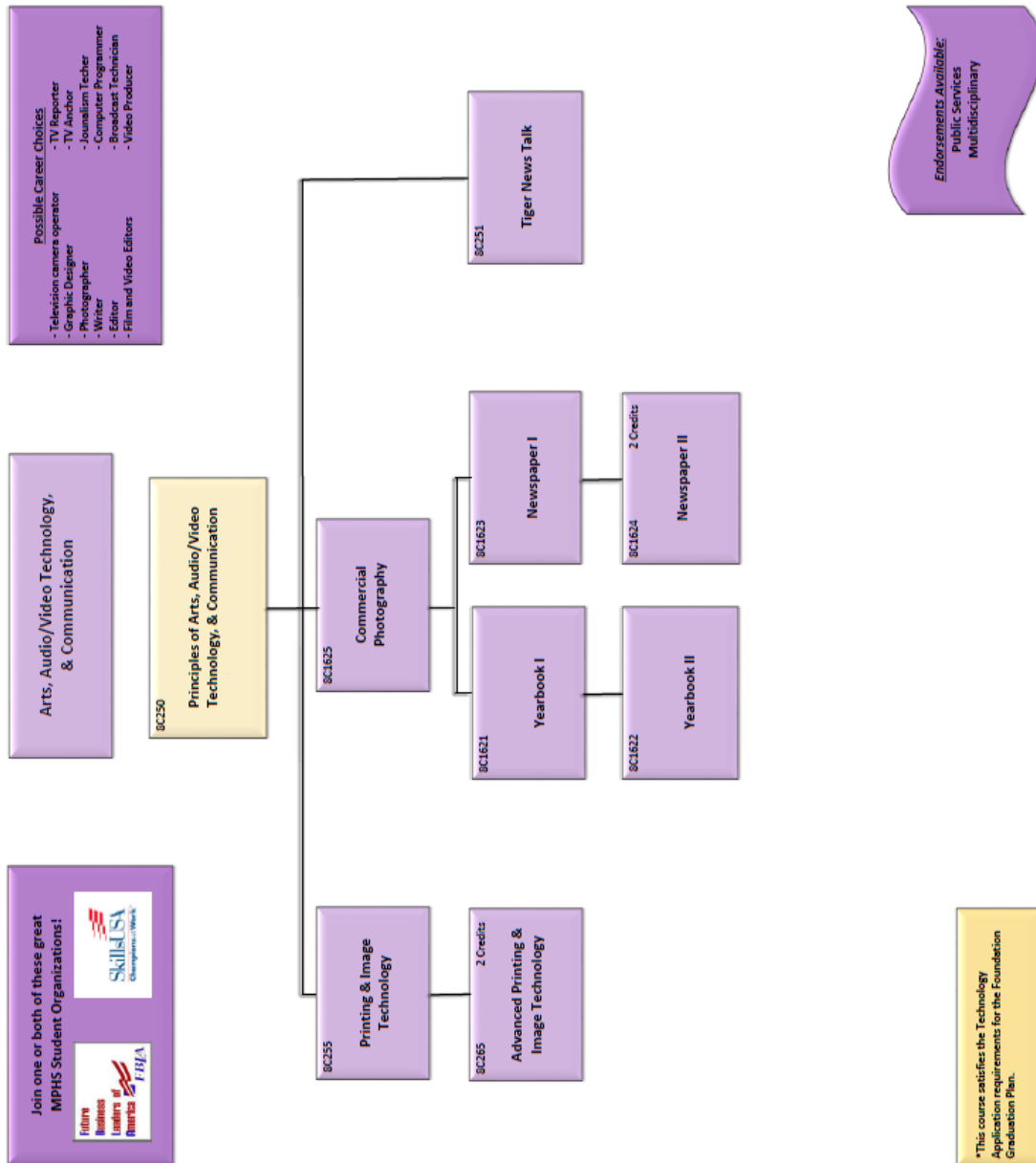
Class rank: 8

*Prerequisite: Manufacturing Engineering*

In Electronics students will use a combination of classroom instruction and lab work to develop the knowledge and skills to prepare for a Level One Industrial Technician Certificate. Students will demonstrate knowledge of OSHA regulations which apply to general industry and demonstrate a proficiency in retrieving information from the OSHA regulations. Students will use a combination of classroom instruction and lab experiences to gain practical knowledge in basic math used in industry including decimals, fractions, ratio/proportions, linear equations and measuring tools, introductory direct current (DC) electrical concepts including voltage, resistance, power parallel and combination circuits voltage drop and material size, intermediate solid state and conventional motor control including braking, jogging, safety interlocks and wiring and identifying and gaining skills in group dynamics, and team leadership. All concepts taught will be reinforced in hands on manufacturing settings using simulators.

Electronics is a dual credit course and students who successfully complete the course will receive college credit from NTCC.





**ARTS,**

## AUDIO/VIDEO TECHNOLOGY, & COMMUNICATIONS

### **8C250 Principles of Arts, Audio/Video Technology, & Communication**

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

Students enrolled in this course are expected to plan, draft, and complete written compositions on a regular basis, carefully examining their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. The purpose of the class is to prepare students for future enrollment in Arts, Audio Visual Technology & Communication.

### **8C255 Printing & Image Technology**

Grades: 10-12              Credit: 1 State                      Class Rank: 6

*Prerequisite: Successful completion of Principles of Arts, Audio/Video Tech & Communication*

A cluster course designed to provide a broad basic understanding of career opportunities,

training requirements, and minimal skills in printing and image-related careers. All aspects of the industry, including prepress, press and finishing, and bindery operations will be introduced. Instruction will be delivered through lab-based classroom experiences. Some heavy lifting will be required.

### **8C265 Advanced Printing & Image Technology**

Grades: 11-12      Credit: 2 State      Class Rank: 6

*Prerequisite: Successful completion of Printing & Image Technology*

Second-year instruction is designed to develop job-specific knowledge and skills needed for success in printing and imaging careers. Students will develop an advanced understanding of the printing industry with a focus on press operation. Instruction will be delivered through lab-based classroom experiences. Some heavy lifting will be required.

### **8C 252 Commercial Photography**

Grades: 10-12      Credit: 1-2 State      Class Rank: 6

*Prerequisite: Successful completion of Principles of Arts, Audi/Video Tech & Communication*

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**

Grades: 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.*

### **8C254 Yearbook II**

Grades: 12      Credit: 2 State      Class Rank: 6

*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.*

### **8C256 Newspaper I**

Grades: 11-12

Credit: 1 State

Class Rank: 6

*Prerequisite: Successful completion of Commercial Photography*

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 Communications 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 Photoshop, and Adobe InDesign to produce the newspaper. *The school newspaper production will be one activity of this course.*

### **8C257 Newspaper II**

*Prerequisite: Successful completion of Newspaper I*

Grades: 12

Credit: 2 State

Class Rank: 6

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 Communications career cluster, students will be expected to develop an advanced understanding of the printing industry with a focus on press operations. Students will use Microsoft Word, Adobe Photoshop, and Adobe InDesign to produce the newspaper. *The school newspaper production will be one activity of this course.*

### **8C251 TNT (Tiger News Talk)**

*Prerequisite: Successful completion of Principles of Arts, Audio/Video Tech & Communication*

Grades: 11-12

Credit: 1 State

Class Rank: 6

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.

Join one or both of these great Student Organizations!

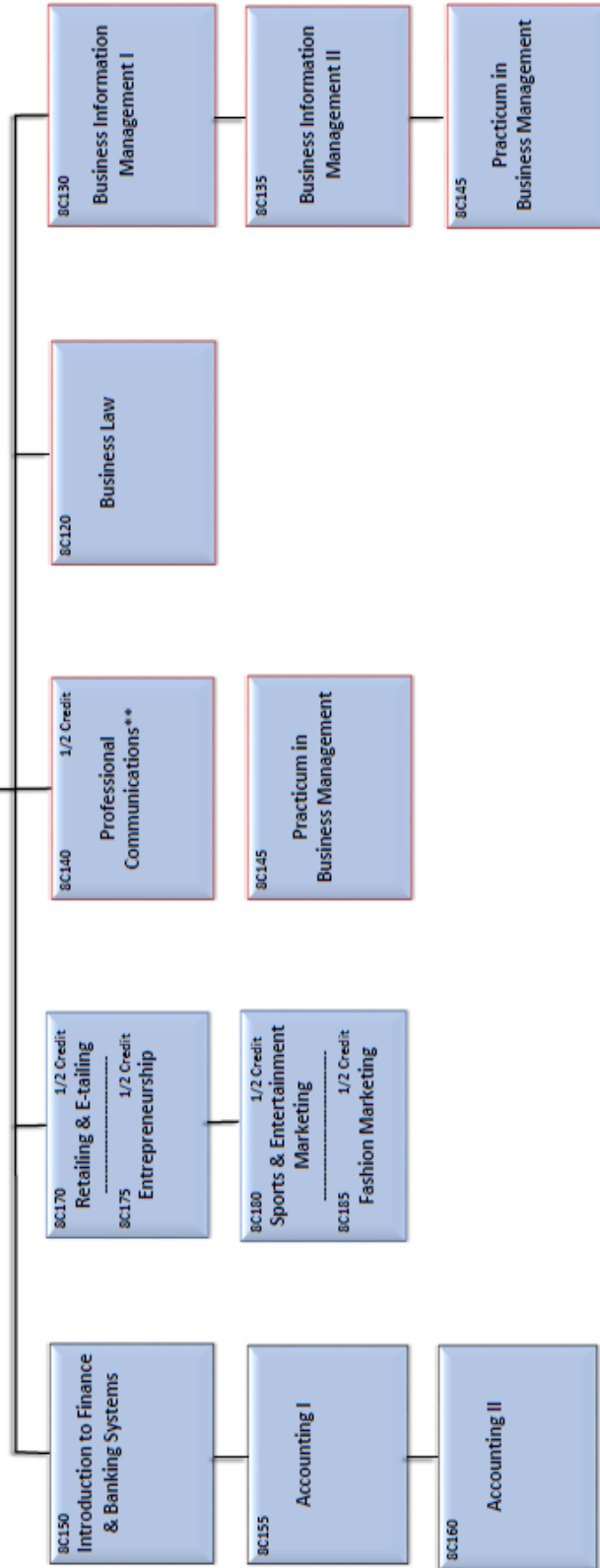
**MPHS**




## Business, Finance, & Marketing

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

8C201 1/2 Credit  
Principles of Information Technology  
8C100 1/2 Credit  
Principles of Business, Finance, & Marketing



**Endorsements Available:**  
Business and Industry  
Multi disciplinary

\*Double-blocked class with option of taking one class.  
\*\*Can be used as Communications Applications (Speech) credit.

\*This course satisfies the Technology Application requirements for the Foundation Graduation Plan.

# **BUSINESS, MANAGEMENT, AND ADMINISTRATION**

## **8C100 Principles of Business, Finance, & Marketing**

Grades: 9-10      Credit: .5 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. *This course is paired with Principles of Information Technology.*

## **8C120 Business Law**

Grades: 10-12      Credit: 1 State      Class Rank: 6

*Prerequisite: Principles of Business, Marketing, and Finance*

Students analyze the social responsibility of business and industry regarding the significant issues relating to the legal environment, business ethics, contracts, personal property, sales, warranties, and business organizations, concept of agency and employment, and real property. Students apply technical skills to address business applications of contemporary legal issues. Students incorporate a broad base of knowledge that includes the legal dimensions of business to make appropriate business decisions, using courtroom procedures and situation simulations to illustrate legal aspects of business.

## **8C130 Business Information Management I**

Grade: 10-12      Credit: 1 State      Class Rank: 6

*Prerequisite: Successful completion of Principles of Information Technology.*

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.

## **8C135 Business Information Management II**

Grades: 11-12      Credit: 1 State      Class Rank: 6

*Prerequisite: Successful completion of Business Information Management I*

An occupational specific course, which introduces the advanced concepts and skills, related to computer applications. Special emphasis is placed on computer operations, word processing, database management, spreadsheet manipulation, telecommunications, desktop publishing, and other high-level business application software. This course is designed to provide the foundation for more advanced computer applications and advanced standing at the post-secondary level. Students are encouraged to join Future Business Leaders of America (FBLA) to enhance their leadership skills.

## **8C145 Practicum in Business Management**

Grades: 12

Credit: 2 State

Class Rank: 6

*Prerequisite: Business Information Management II*

This course provides supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement in a variety of locations appropriate to the nature and level of experience. Students implement personal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students are encouraged to join Future Business Leaders of America (FBLA) to enhance their leadership skills.

## **FINANCE**

### **8C100 Principles of Business, Finance, & Marketing**

Grades: 9-10      Credit: .5 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. *This course is paired with Principles of Information Technology.*

### **8C150 Introduction to Finance and Banking Systems**

Grades: 10-12      Credit: 1 State      Class Rank: 6

*Prerequisite: Principles of Business, Marketing and Finance*

This course introduces financial choices for future careers and lifestyles. Students will develop knowledge and skills necessary for money management including good use of credit, budgeting, estate planning and investments. In addition, banking concepts and practices are introduced to enable students to recognize economic theories and financial forces that influence the modern economy and financial and government transactions.

### **8C155 Accounting I**

Grades: 10–12      Credit: 1 State      Class Rank: 6

*Prerequisite: Principles of Business, Marketing and Finance*

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.

### **8C160 Accounting II**

Grade: 11-12      Credit: 1 State      Class Rank: 6

*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.

# **MARKETING**

## **8C100 Principles of Business, Finance, & Marketing**

Grades: 9-10      Credit: .5 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. *This course is paired with Principles of Information Technology.*

## **8C170 Retailing & E-tailing**

Grades: 10-12      Credit: .5 State      Class Rank: 6

*Prerequisite: Principles of Business, Marketing, and Finance*

Students will have the opportunity to develop skills that involve electronic media techniques necessary for a business to compete in a global economy. Students will demonstrate critical-thinking skills using decision-making models, case studies, various technologies, and business scenarios. *This course is paired with Entrepreneurship.*

## **8C175 Entrepreneurship**

Grades: 10-12      Credit: .5 State      Class Rank: 6

*Prerequisite: Principles of Business, Marketing, and Finance*

Entrepreneur: a person who organizes and operates a business. In this class students will gain knowledge and skills needed to become an entrepreneur. They will learn the principles necessary to begin and operate a business. *This course is paired with Retailing & E-tailing.*

## **8C180 Sports & Entertainment Marketing**

Grades: 10-12      Credit: .5 State      Class Rank: 6

*Prerequisite: Principles of Business, Marketing, and 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**

Grades: 10-12      Credit: .5 State      Class Rank: 6

*Prerequisite: Principles of Business, Marketing, and 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.*

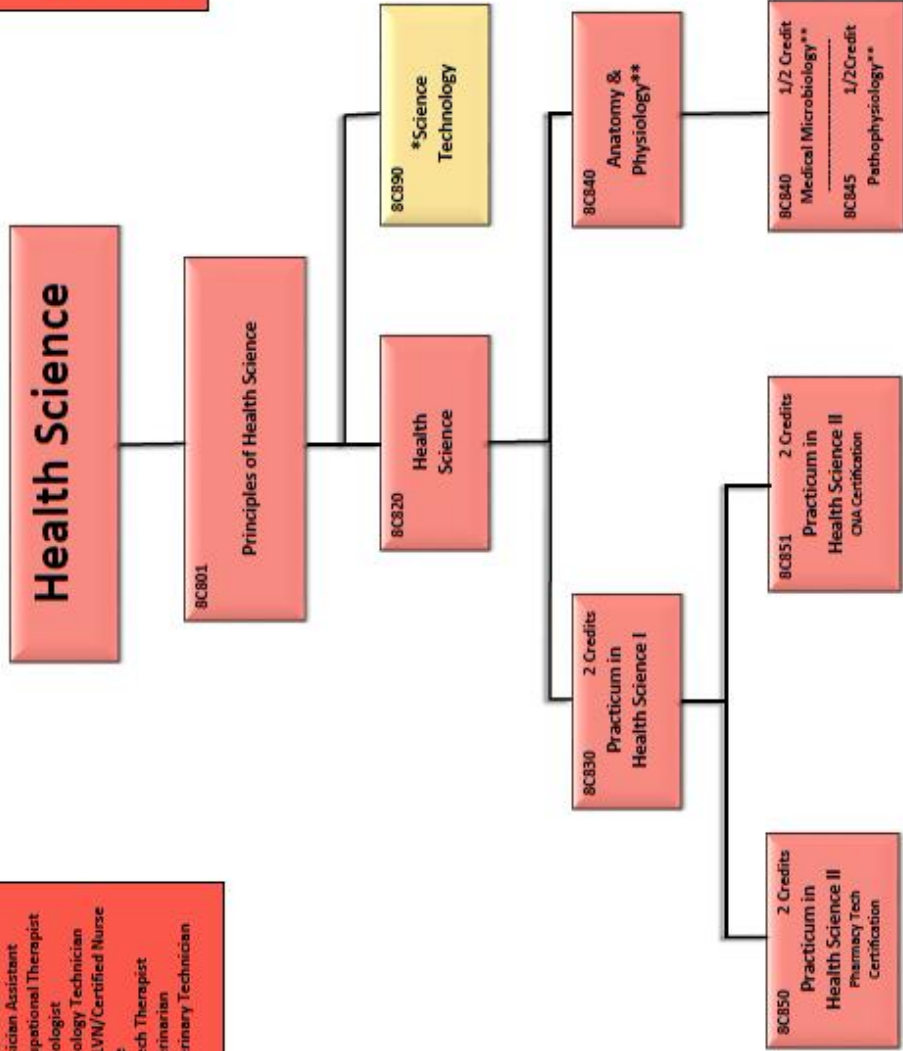


- Possible Career Choices**
- Athletic Trainer
  - Doctor
  - Lab Technician
  - Medical Assistant
  - Nurse Practitioner
  - Pharmacist
  - Physical Therapist
  - Physician Assistant
  - Physician Assistant
  - Occupational Therapist
  - Radiologist
  - Radiology Technician
  - RN/LVN/Certified Nurse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

Join this great Student Organization!



**MPHS  
HOSA**



\*This course satisfies the Technology Application requirements for the Foundation Graduation Plan.

\*\* Can Be used as 4th Science Requirement.

**Endorsements Available:**  
Public Services  
Multidisciplinary

# **HEALTH SCIENCE & MEDICAL CAREERS**

## **8C801 Principles of Health Science**

Grades: 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. 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.

## **8C820 Health Science**

Grades: 10-12

Credit: 1 State

Class Rank: 6

*Prerequisite: Principles of Health Science*

The Health Science course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. The course may be taught by different methodologies such as assimilated labs and career preparation learning. Skills attained include hand washing, vital signs, and American Heart Association certification. Success in the course is required to advance to practicum.

## **8C830 Practicum in Health Science I**

Grades: 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 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.*

## **8C850 Practicum in Health Science II Pharmacy Technician**

Grades: 12

Credit: 2 State

Class Rank: 7

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

*Application and instructor approval required*

*Limited space available*

*Course fee: Purchase of scrubs is required (approximately \$40 per set), PTCB exam fee \$130, 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. 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. Students use classroom time to prepare for the Pharmacy Tech Certification Board (PTCB) exam. *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.*

### **8C851 Practicum in Health Science II Certified Nurse Assistant**

Grades: 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.*

*Background check is ran as a requirement by the state which is done by the school.*

*Course fee: Purchase of scrubs is required (approximately \$40 per set), CNA exam fee \$150, 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. 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. Clinical experiences occur in long-term care settings. Students use classroom time to prepare for the Certified Nurse Aid Exam. *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**

Grades: 11-12                      Credit: 1 State                      Class Rank: 7

*Prerequisite: Successful completion of Biology and Chemistry I*

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 4<sup>th</sup> Science.*

### **8c843 Medical Microbiology**

Grade: 12                      Credit: .5 State                      Class Rank: 7

*Prerequisite or Co-requisite: Anatomy and Physiology*

Laboratory and field work will comprise 40% of the course. Students in this course explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases. *This course is paired with Pathophysiology.*

### **8c845 Pathophysiology**

Grade: 12                      Credit: .5 State                      Class Rank: 7

*Prerequisite or Co-requisite: Anatomy and Physiology.*

Laboratory and field work will comprise 40% of the course. Students in this course will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students will study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology. *This course is paired with Medical Microbiology.*

**8C890 Science Technology**

Grades: 10-12      Credit: 1 State

Class Rank: 6

*This course satisfies the Technology Application required for the Foundation Graduation Plan.*

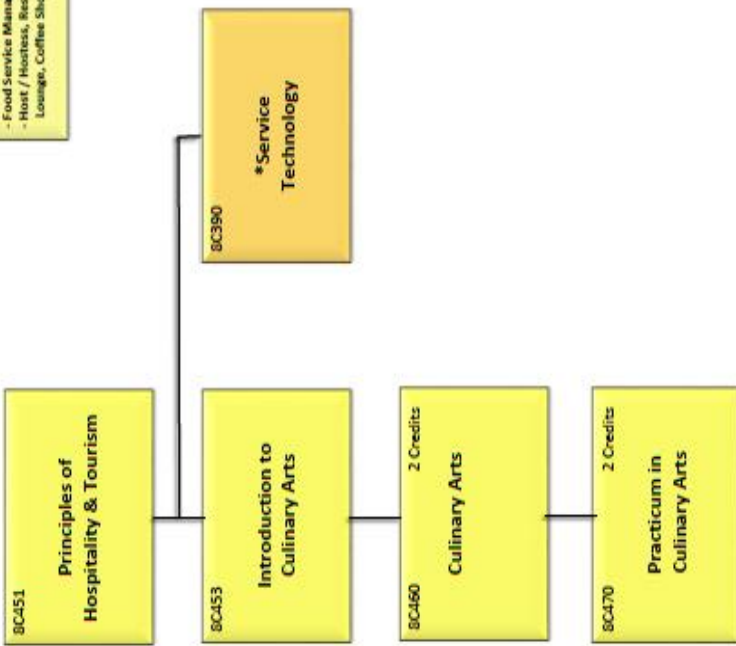
Science Technology develops technology skills with application to Health Science or Agriculture Science situations. This course focuses on word processing, spreadsheets, databases, desktop publishing, presentation management, telecommunications, networking, operating systems, emerging technology and intermediate level skills as they relate to the Health Science and Agriculture Science workforce. This course is recommended for health science students to improve their technology skills vital to a career in the health care field.

Join one or more of these great MPHS Studnet Organizations!



# Hospitality & Tourism

- Possible Career Choices**
- Assessment & Recreation Attendant
  - Athlete & Sports Competitor
  - Baggage Porter & Bellhop
  - Coach & Scout
  - Chef & Head Cook
  - Conierge
  - Cook, Institution & Cafeteria
  - Cook, Short Order
  - Customer Service Representative
  - Food Service Manager
  - Host / Hostess, Restaurant, Lounge, Coffee Shop
  - Lodging Manager
  - Meeting & Convention Planner
  - Recreational 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



Endorsements Available:  
Business & Industry  
Multidisciplinary

\*This course satisfies the Technology Application requirements for the Foundation Graduation Plan.

## **HOSPITALITY & TOURISM**

### **8C451 Principles of Hospitality & Tourism**

Grades: 9-10

Credit: 1 State

Class Rank: 6

The hospitality and tourism industry encompasses lodging; travel and tourism; recreation, amusements, or resorts; and restaurants and food beverage service. The hospitality and tourism industry maintains the largest national employment base in the private sector. Students use knowledge and skills that meet industry standards to function effectively in various positions within this multifaceted industry. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

### **8C453 Introduction to Culinary Arts**

Grades: 10-12

Credit: 1 State

Class Rank: 6

This course is the second 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 Recusants and Food/Beverage Services and Culinary Arts.

### **8C461 Culinary Arts**

Grades: 11-12

Credit: 2 State

Class Rank: 6

*Prerequisite: Principles of Hospitality & Introduction to Culinary Arts*

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification, 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.

**8C470 Practicum in Culinary Arts**

Grades: 12

Credit: 2 State

Class Rank: 6

*Application & Instructor Approval Required*

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.

Join one or more of these great Student Organizations!



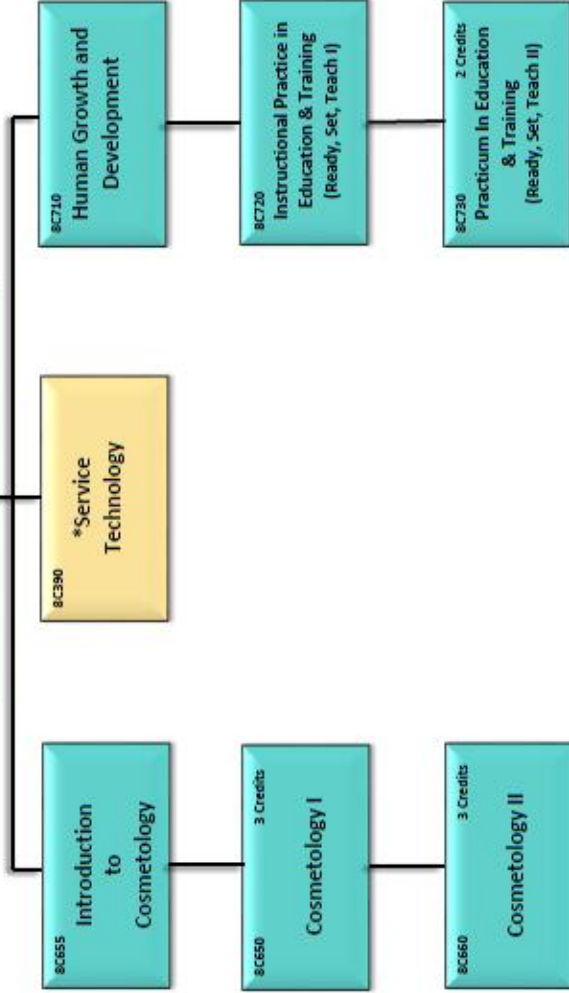
**Possible Career Choices**

- Behavioral Disorder Counselor
- Camp Counselor
- Child - Care Worker
- Clergy
- Clinical, Counseling, & School Psychologist
- Cosmetologist
- Education Administrator
- Personal & Home Care Aide
- Public / Private School Teacher
- Pre-K - 12th Grades

- Social & Human Services Assistant
- Financial Advisor
- Manicurist & Pedicurist
- Marriage & Family Therapist
- Mental Health Counselor
- Rehabilitation Counselor
- Residential Advisor
- Skin Care Specialist
- Substance Abuse Counselor
- Texas Extension Service

# Human Services

8C600 Principles of Human Services 1/2 Credit  
 8C700 Principles of Education & Training 1/2 Credit



**Endorsements Available:**  
 Public Services  
 Multidisciplinary

\*This course satisfies the Technology Application requirements for the Foundation Graduation Plan.



## **HUMAN SERVICES**

### **8C600 Principles of Human Services**

Grades: 9-10

Credit: .5 State

Class Rank: 6

This laboratory course will enable students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. *This course is paired with Principles of Education & Training.*

### **8C655 Introduction to Cosmetology**

Grades: 10

Credit: 1 State

Class Rank: 6

Introduction to Cosmetology provides students with a study of concepts related to the Cosmetology profession. Specific topics include Cosmetology History and Opportunities, Professional Image, Infection Control, Basic Fundamentals, and Principles of Hair Design. Students also gain initial practical experience in sanitation, and shampooing. Upon successful completion of this course, students are able to practice safety and sanitary precautions as they perform basic procedures. Introduction to Cosmetology is the prerequisite to Chemical Services, Hair Coloring, Haircutting, Salon Practices and the State Board Practicum. Students participate in Skills USA as an integral part of this instruction. *Cosmetology courses could result in a license if participants meet all state licensure requirements*

### **8C650 Cosmetology I**

Grades: 11

Credit: 3 State

Class Rank: 6

*Prerequisites:* Good attendance record and Application Required and Instructor Approved.

This course begins preparation for the State Board operator licensure in the field of cosmetology. Instruction includes rules and regulations of the Texas Department of Licensing and Regulation handbook, haircutting, hairstyling, hair coloring, manicures, pedicures, artificial nails, permanent waving, chemical hair relaxing, facials, facial make-up, massage, anatomy, and physiology. This is a two year program with 500 obtainable hours the first year and the same for the second year with the total accumulative hours of 1,000. Students planning to enroll in this program must have a \$25.00 Prepaid Visa for the required permit the day of orientation:

\$250.00 - \$300.00 required the first day of instruction. Students will not be allowed to work on clinic floor without required kit.

**8C660 Cosmetology II**

Grades: 12

Credit: 3 State

Class Rank: 6

*Prerequisite: 500 hours and successful completion of Cosmetology I*

This course continues preparation for the State Board operator licensure exam. Students must pass the State Board exam to become a licensed cosmetologist in the state of Texas. Instruction includes rules and regulations of the Texas Department of Licensing and Regulation handbook, haircutting, hairstyling, hair coloring, manicures, pedicures, artificial nails, permanent waving, chemical hair relaxing, facials, facial make-up, massage, anatomy, physiology, salon management and product sales. Student's clientele consists of other students, family, friends, and the general public. 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 professional licensed cosmetologist in the state of Texas. Estimated expense: \$200.00.

**8C390 Service Technology**

Grades: 10-12

Credit: 1 State

Class Rank: 6

*This course satisfies the Technology Application required for the Foundation Graduation Plan.*

Service Technology develops technology skills with application to service career areas. This course focuses on word processing, spreadsheets, databases, desktop publishing, presentation management, telecommunications, networking, operating systems, emerging technology and intermediate level skills as they relate to the service workforce such as; Law, Tourism, Hospitality, and Education.

## **EDUCATION & TRAINING**

### **8C700 Principles of Education & Training**

Grades: 9-10

Credit: .5 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. *This course is paired with Principles of Human Services.*

### **8C710 Human Growth and Development**

Grades: 10-12

Credit: 1 State

Class Rank: 6

*Prerequisite: 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.

### **8C720 Instructional Practice in Education & Training**

Grades: 11-12

Credit: 1 State

Class Rank: 6

*Prerequisite: Principles of Education & Child 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.

### **8C730 Practicum in Education & Training**

Grades: 12

Credit: 2 State

Class Rank: 6

*Prerequisite: Instructional Practices in Education & Training*

*Application & Instructor Approval Required*

*Expenses: Scrapbook \$10-\$20, Attire for Rotations: \$25*

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 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.

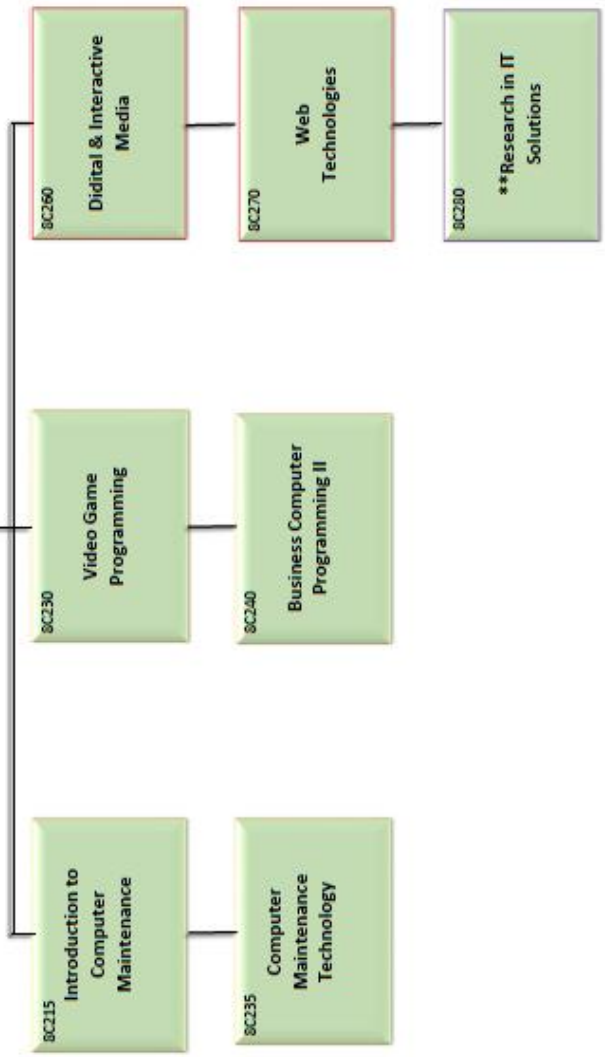
Join one or both of these great MPHHS Student Organizations!




# Information Technology

- Possible Career Choices**
- Computer Graphics Specialist
  - Desktop Publisher
  - Computer Hardware Engineer
  - Graphic Designer
  - Computer Programmer
  - Multimedia Artist & Animator
  - Computer Maintenance Tech
  - Multimedia Producer
  - Computer Science Teacher
  - Network/Systems Administrator - Computer Service Manager
  - Network Systems Analyst
  - Computer / Office Machine Service Tech
  - IT / Network Security
  - Computer Support Specialist
  - Robotics / Computer Engineer
  - Computer Systems Engineer
  - Software Developer / Engineer / Programmer
  - Data Communications Analyst
  - System Analyst
  - Database Administrator
  - Website Developer

- 8C201 1/2 Credit  
\*Principles of Information Technology
- 8C100 1/2 Credit  
\*Principles of Business, Finance, & Marketing



\*This course satisfies the Technology Application requirements for the Foundation Graduation Plan.

\*\*Double-blocked class with option of taking one class period.

Endorsements Available:  
Business and Industry

## **INFORMATION TECHNOLOGY**

### **8C201 Principles of Information Technology**

Grades: 9-10

Credit: .5 State

Class Rank: 6

Students develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment. *This course is paired with Principles of Business, Finance and Marketing and will be offered in the spring semester only.*

### **8C215 Introduction to Computer Maintenance**

Grades: 10-12

Credit: 1 State

Class Rank: 6

First year instruction is designed to provide job-specific training for employment in the rapidly expanding computer maintenance field. Instruction includes electricity/electronic theory, computer systems, installations, inspections, adjustments, and repair and general maintenance. Students will learn techniques for troubleshooting and replacement of computer components. A+ Certification offered.

### **8C235 Computer Maintenance Technician**

Grades: 11-12

Credit: 2 State

Class Rank: 6

Second year instruction is designed to provide in-depth instruction in computer hardware design and repair. Computer software installation, troubleshooting, and the use of computer repair software will be covered. Students will perform basic software and operating system use and installation. A+ Certification offered.

### **8C230 Video Game Programming**

Grades: 10-12

Credit: 1 State

Class Rank: 6

An occupationally specific course that introduces the basic concepts and skills related to video game programming. Special emphasis is placed on programming concepts, language, and programming logic. Students will begin at an entry level and advance to producing simple video games. This course is designed to lay a foundation for further occupational specific business programming instruction

### **8C240 Business Computer Programming II**

Grades: 11-12

Credit: 1 State

Class Rank: 6

This course will introduce students to JAVA programming. Special emphasis is placed on algorithm development, logic design, arrays, and program control statements. This course can provide a foundation for students planning to major in Information Technology in college. Students will have the opportunity to participate in the UIL Computer Science team.

### **8C260 Digital & Interactive Multimedia**

Grades: 10-12

Credit: 1 State

Class Rank: 6

A beginning hands-on introduction to the tools, techniques, and concepts behind the production of digital media including basic digital imaging, sound and video production, web design, and animation. The curriculum in this class emphasizes an integrated and creative approach to digital media production, including professional image-editing software. It is designed to give students a firm grounding in the tools and techniques necessary for advanced digital media courses and will include the use of digital cameras and scanning, bitmap and vector-based graphics, output for both screen and print, digital audio and video recording and editing, web design, use of the internet for communication, and animation. The course will also include discussion of contemporary issues related to digital media, issues such as copyright, privacy, identity, and others.

### **8C270 Web Technologies**

Grades: 11-12

Credit: 1 State

Class Rank: 6

A course designed to guide students in a project-based environment in the development of up-to-date concepts and skills that are used in the development of today's websites. Students will learn the basic fundamentals of how the Internet works. They will learn and use the basic building blocks of the World Wide Web: XHTML coding, Cascading Style Sheets (CSS), and JavaScript. They learn and follow the steps to create a website by planning, designing, developing, deploying, and maintaining of the website projects. Students will learn and use different scripting technologies to create more dynamic and interactive websites. They will learn what it takes for a career in Web Development as they complete projects and create their own Web portfolio.

### **8C280 Research in IT Solutions (RITS)**

Grades: 12

Credit: 1 State

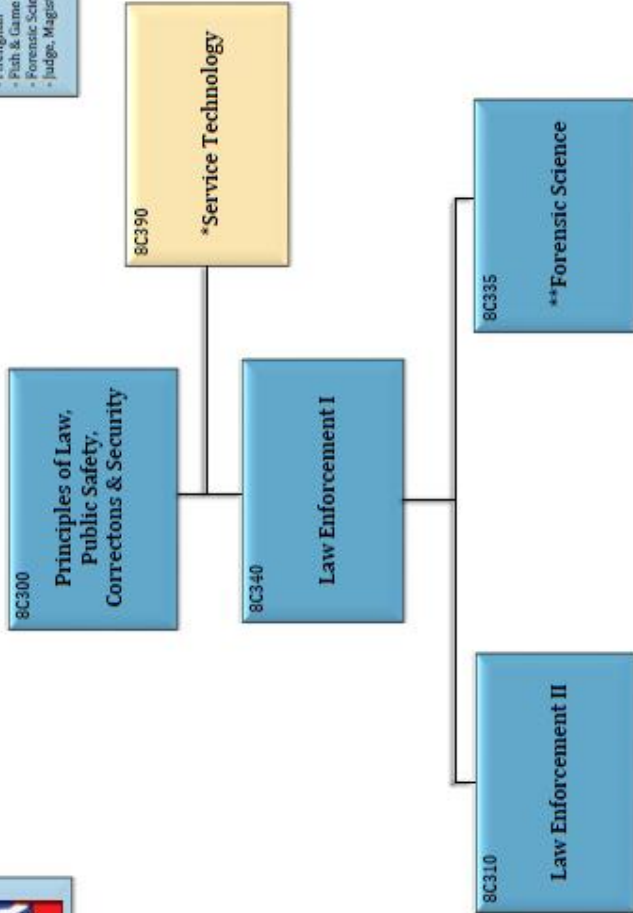
Class Rank: 6

Students gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation, and assessment of products, services, and systems. Knowledge and skills in the proper use of analytical skills and application of information technology concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, information technology experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid internship, or as career preparation.

Join one or more of these great MPHS Student Organizations!

# Public Safety

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



\*This course satisfies the Technology Application requirements for the Foundation Graduation Plan.

\*\*Can be used as 4th Science requirement

Endorsements Available:  
Business and Industry  
Multidisciplinary

# **LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY**

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

Grades: 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**

Grades: 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.

## **8C340 Law Enforcement II**

Grades: 11-12                      Credit: 1 State    Class Rank: 6

*Prerequisite: Law Enforcement I*

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**

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.

## **8C390 Service Technology**

Grades: 10-12                      Credit: 1 State    Class Rank: 6

*This course satisfies the Technology Application required for the Foundation Graduation Plan.*

Service Technology develops technology skills with application to service career areas. This course focuses on word processing, spreadsheets, databases, desktop publishing, presentation management, telecommunications, networking, operating systems, emerging technology and intermediate level skills as they relate to the service workforce such as; Law, Tourism, Hospitality, and Education.



# OTHER COURSES

## CAREER ORIENTATION

### **8C8920 Career & Academic Planning (CAP)**

Grades: 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.

## TRANSPORTATION, DISTRIBUTION, & LOGISTICS

### **8C8428 Automotive Technology I**

Grades: 11                      Credits: 3 State                      Class Rank: 8

*Transportation is provided.*

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.

*Students must meet all admission requirements to Northeast Texas Community College including any testing requirements. Tuition must be paid to NTCC. Students finishing this course with a "B" or better may use this course as fulfillment of Advanced Measures for the DAP graduation plan.*

### **8C8438 Automotive Technology II**

Grades: 12                      Credits: 3 State                      Class Rank: 8

*Transportation is provided.*

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.

*Students must meet all admission requirements to Northeast Texas Community College including any testing requirements. Tuition must be paid to NTCC. Students finishing this course with a "B" or better may use this course as fulfillment of Advanced Measures for the DAP graduation plan.*

## **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:

### **8C8952 Career Preparations I**

Grades: 11-12      Credits: 3 State      Class Rank: 6

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

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.**

### **8C8953 Career Preparations II**

Grades: 12      Credit: 3 State      Class Rank: 6

*Prerequisite:* Successful completion of 8952 Diversified Career Preparations I /Student must be at least 16 years of age by September 1

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.**

**8C8990      OJT 1 PERIOD      Grades: 11-12**

**8C8991      OJT 2 PERIOD      Grades: 11-12**

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

**E121 Debate I**  
**E122 Debate II**  
**E123 Debate III**  
**E124 Debate IV**

Grades: 9- 12

Credit: 1 State

Class Rank: 7

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.

**8C8910 Freshman Skills**

Grade: 9

Credit: 1 State

Class Rank: 6

This course is designed to help students transition successfully from Jr High to High School. All 9<sup>th</sup> grade student must take this course.

**E125/E126 Credit Recovery Lab**

Grades: 9-12

Credit: N/A

Class Rank N/A

This program is designed to allow students to regain credit by completing the requirements of core subject(s) utilizing A+ computer software. Placement in this program will be made by the appropriate grade level counselor based on grades and/or attendance. Certified classroom teachers provide tutoring. A semester grade of "70" will be received when the student has successfully completed the necessary requirements to recover the credit. Class periods are available during the normal school day to allow students to work on subject(s) for credit recovery.

**E 200 Study Hall**

Grades: 9-12

Credit: 1 local

Class Rank: N/A

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.

**E990 Office Aide**

Grade: 12

Credit: 1 Local

Class Rank: N/A

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.