Prepare yourself for success.

2012

Montgomery

High School

Course Selection Guide

2013
Dear Montgomery High School Students and Parents,

The course selection guide is a tremendous tool for your use in preparing for your son’s/daughter’s next school year. This is an extremely important time in his/her high school career, the time to select courses for the 2012-2013 school year.

The purpose of the Montgomery High School Course Selection Guide is to assist students and parents in the planning of a high school course of study tailored to individual student needs, interests, and aspirations. After an introductory section on testing requirements (refer to changes in state mandated testing on pages 9-10), student classification and graduation requirements, the course selection guide provides information on academic placement, a brief description of prerequisites, and costs and content of the high school courses offered by Montgomery High School. These descriptions should be studied in selecting courses for next year; however, printed descriptions cannot replace the value of talking about courses and plans with teachers, counselors, and administrators. Students and parents with questions regarding courses and how they fit in their overall plan are encouraged to consult with members of the faculty.

As you make your selections, please keep in mind that the hiring of certified staff and the building of the master schedule is based on your child’s choices. Due to these two facts, when your son/daughter receives the courses, he/she chooses or his/her alternates, no schedule changes will be made. Please understand that we will do everything possible to provide your son/daughter the courses he/she wants, but it is a year long commitment.

Sincerely,

Phil Eaton
Principal

Cover design by: Nick Boaz, Class of 2013
Parents and Students,

The material in this course guide is intended to provide you and your son/daughter with essential information concerning Texas graduation requirements, as well as Montgomery High School curriculum and course descriptions. It provides academic policies and procedures for the 2012-2013 school year.

If you plan to attend college after graduation, you should research and consider the requirements outlined by the institution you plan to attend when selecting courses.

Legislation passed in the 2001 Legislative Session requires all ninth grade students entering high school in 2004-05 and thereafter to complete the Recommended High School Program (RHSP) or Distinguished Achievement Program (DAP). Students may only complete the Minimum High School Program (MHSP) after the student's parent, counselor and administrator agree that the student should enroll in and complete courses in the minimum program. To be eligible for the MHSP, the student must:

- Be at least 16 years old, and
- Have completed two credits required for graduation in each subject of the foundation curriculum, and
- Have failed to be promoted to grade 10 one or more times as determined by the school district.

In addition to the comprehensive information in this booklet, the counselors at Montgomery High School will make every effort to provide students and parents with additional information concerning high school graduation requirements, career choices, post-secondary education, universities, technical schools, military service and financial aid. Parent orientations and workshops are provided in the fall for college admissions and in the spring for financial aid, high school graduation requirements and registration. Research information, computer technology and assistance are also available through the Montgomery High School College and Career Center. It is ultimately the responsibility of the student with the assistance of his/her parents to become familiar with the high school graduation programs, select the program that best meets his/her post-secondary goals and meet those related requirements.

We are pleased to assist you and your son/daughter with your questions or concerns during your high school years. You may contact the Counseling Center at 936-597-3161.

Montgomery High School Counselors:

Mark Strauss - Class of 2016 (Freshmen)  Paulette Kirby - Class of 2015 (Sophomores)
Curt Campbell - Class of 2014 (Juniors)  Kristine Stewart - Class of 2013 (Seniors)
Fran Gore - College & Career

It is the policy of Montgomery ISD to not discriminate on the basis of race, color, national origin, sex, age or disability in providing educational services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended; the Age Discrimination Act of 1975, as amended; and Title I of the Americans with Disabilities Act. Montgomery ISD will take steps to ensure that the lack of English Language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Title IX Coordinator, Bobby Morris, at 13159 Walden Road, Montgomery TX 77356, 936-582-5020, and/or the Section 504 Coordinator, Kim Howze, at 700 Dr. Martin Luther King, Jr. Drive, Montgomery, TX 77356, 936-597-6407.
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Six-Year Plan
In the 8th grade, each student will be required to make a six-year plan when completing his/her registration forms. The six-year plan is meant to serve as a guide for the student’s college/career preparation and to help students, parents and counselors in annual course selection. The six-year plan should continue to serve as a reference document until graduation. Parents and students should be committed to designing and following a six-year plan that matches the individual student’s college/career goals and leads to graduation.

To receive a Texas high school diploma, you must complete all the necessary coursework for graduation and pass all parts of your required state assessment (TAKS or STAAR).

First time juniors will take the Exit Level TAKS in the spring of their 11th grade year. For incoming freshmen and first time sophomores, their state assessment consists of multiple End-of-Course assessments. If you pass all parts of your required state assessment the first time taken, you will have fulfilled your testing requirements for graduation. However, if you do not pass one or more subject-area tests, you will have several opportunities to retake those tests.

Legislation passed in the 2001 Legislative Session requires all students who entered 9th grade in the 2004-2005 school year and thereafter to enroll in all courses necessary to complete the curriculum requirements for either the RHSP or DAP. Students may only complete the MHSP after the student’s parent(s), counselor and/or administrator agree that the student be placed in the minimum program. The appropriate State of Texas seal designating which program was completed will be attached to the student’s Academic Achievement Record (AAR). The seal will not appear on the student’s high school diploma. High school courses taken in 8th grade will earn credit toward the 26 credits required for graduation. Some colleges may now require the RHSP or DAP for admission as well as for financial aid.

At Montgomery High School (MHS), in order to walk across the stage and participate in graduation exercises, a student must successfully complete all graduation requirements and state-mandated Exit Level testing.

NOTE: Completing the graduation testing requirement is just one of the things needed to receive your diploma. Consult your school counselor for information about other graduation requirements.
<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>MINIMUM PROGRAM ▼</th>
<th>RECOMMENDED PROGRAM</th>
<th>DISTINGUISHED ACHIEVEMENT PROGRAM ♦</th>
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<tbody>
<tr>
<td>ENGLISH</td>
<td>4 Credits: English I, II, III, IV **</td>
<td>4 Credits: English I, II, III, IV</td>
<td>4 Credits: English I, II, III, IV</td>
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<tr>
<td>MATHEMATICS</td>
<td>3 Credits: Algebra I Geometry Math Models or Algebra II</td>
<td>4 Credits: Algebra I Geometry Algebra II Math Elective</td>
<td>4 Credits: Algebra I Geometry Algebra II Math Elective</td>
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<tr>
<td>SCIENCE</td>
<td>2 Credits: IPC Biology</td>
<td>4 Credits: Biology/Chemistry/Physics Science Elective</td>
<td>4 Credits: Biology/Chemistry/Physics Science Elective (Cannot include IPC or Prin. of Tech.)</td>
</tr>
<tr>
<td>ACADEMIC ELECTIVE</td>
<td>1 Credit: Must choose an additional Science or Social Studies course.</td>
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<td></td>
</tr>
<tr>
<td>HEALTH</td>
<td>1/2 Credit: Health (District Requirement)</td>
<td>1/2 Credit: Health (District Requirement)</td>
<td>1/2 Credit: Health (District Requirement)</td>
</tr>
<tr>
<td>COMMUNICATION APPLICATIONS</td>
<td>1/2 Credit: Communication Applications</td>
<td>1/2 Credit: Communication Applications</td>
<td>1/2 Credit: Communication Applications</td>
</tr>
<tr>
<td>TECHNOLOGY APPLICATIONS</td>
<td>1 Credit: Technology application (District Requirement)</td>
<td>1 Credit: Technology application (District Requirement)</td>
<td>1 Credit: Technology application (District Requirement)</td>
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<td>PHYSICAL EDUCATION</td>
<td>1 Credit: Physical Education *</td>
<td>1 Credit: Physical Education *</td>
<td>1 Credit: Physical Education*</td>
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<tr>
<td>FINE ARTS</td>
<td>1 Credit: Fine Arts</td>
<td>1 Credit: Fine Arts</td>
<td>1 Credit: Fine Arts</td>
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<td>FOREIGN LANGUAGE</td>
<td>2 Credits: Foreign Language (Same Language)</td>
<td>3 Credits: Foreign Language (Same Language)</td>
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</tr>
<tr>
<td>ELECTIVES</td>
<td>9 Credits: Electives</td>
<td>4 Credits: Electives</td>
<td>3 Credits: Electives</td>
</tr>
<tr>
<td>TOTAL CREDITS</td>
<td>26</td>
<td>26</td>
<td>26</td>
</tr>
</tbody>
</table>

▼ Requires parent waiver

** Minimum High School Program ONLY - The fourth credit of English may be English IV, Practical Writing, or concurrent enrollment in a college English course.

* Students may earn no more than 4 credits of P.E. towards state graduation requirements. May substitute marching band, cheerleading, drill team, athletics, and JROTC.

♦ Students must complete all course requirements listed along with completing three years of the same foreign language. The student also must achieve any four of the advanced measures. NOTE: Under the Distinguished Achievement Program, this leaves 3 credits in electives.

ADVANCED MEASURES:

♦ TEST DATA: Score three or above on an AP exam from the College Board; score four or above on an International Baccalaureate exam; PSAT score must qualify student for recognition as a Commended Scholar or higher by the National Merit Scholarship Corp., as part of the National Hispanic Scholar and the Achievement Scholarship Program. The PSAT score may count as only one advance measure.

♦ COLLEGE COURSES: A grade point of 3.0 or higher on courses that count for college credit, including tech prep programs.

♦ ORIGINAL RESEARCH/PROJECT: 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; or related to the required curriculum set forth in the TEKS. May not be used for more than two of the four advanced measures. Includes Science Fair project, see guidelines.
MATH & SCIENCE RECOMMENDED & DISTINGUISHED
GRADUATION REQUIREMENTS

MATH REQUIREMENTS

Recommended High School Program (RHSP)

3 credits
Consisting of Algebra I, Geometry and Algebra II, which
must be completed before the fourth math credit. (Note:
See Mathematical Models with Applications below for an
exception)

Consisting of a SBOE-approved math course from:
- Mathematical Models with Applications. (Note:
  If selected, this course must be taken
  before Algebra II.)
- Advanced Quantitative Reasoning
- Pre-Calculus
- AP Statistics
- AP Calculus AB
- AP Computer Science
- Concurrent enrollment in college courses
  - College Algebra/Trigonometry
  - Pre-Calculus/Statistics
  - College Algebra/Statistics

Distinguished Achievement Program (DAP)

3 credits
Consisting of Algebra I, Geometry and Algebra II, which
must be completed before the fourth math credit.

Consisting of a SBOE-approved math course from:
- Advanced Quantitative Reasoning
- Pre-Calculus
- AP Statistics
- AP Calculus AB
- AP Computer Science
- Concurrent enrollment in college courses
  - College Algebra/Trigonometry
  - Pre-Calculus/Statistics
  - College Algebra/Statistics

SCIENCE REQUIREMENTS

Recommended High School Program (RHSP)

1 credit
- of biology from Biology or Advanced Biology
- in the instance of a failing or an extremely low Biology
grade, then IPC must be completed prior to enrollment in
Chemistry.

1 credit
- of chemistry from Chemistry or Advanced Chemistry

1 credit
- of physics from Physics or Advanced Physics

Or

1 credit
- of biology from Biology or Advanced Biology

1 credit
- of chemistry from Chemistry or Advanced Chemistry

1 credit
- of physics from Physics or Advanced Physics

After successful completion of biology, chemistry and
physics courses, a student may select the fourth required
credit from any of the following lab-based courses:
- AP Biology
- AP Chemistry
- AP Physics

1 credit
- Environmental Systems
- AP Environmental Science
- Earth and Space Science
- Anatomy & Physiology (CTE)
- Advanced Animal Science (CTE)

After successful completion of two initial required science
courses, students may take their third and fourth science
courses concurrently.

Distinguished Achievement Program (DAP)

1 credit
- of biology from Biology or Advanced Biology

1 credit
- of chemistry from Chemistry or Advanced Chemistry

1 credit
- of physics from Physics or Advanced Physics

After successful completion of biology, chemistry and
physics courses, a student may select the fourth required
credit from any of the following lab-based courses:
- AP Biology
- AP Chemistry
- AP Physics

1 credit
- Environmental Systems
- AP Environmental Science
- Earth and Space Science
- Anatomy & Physiology (CTE)
- Advanced Animal Science (CTE)

After successful completion of two initial required science
courses, students may take their third and fourth science
courses concurrently.
### Minimum Program

**Montgomery High School Six-Year Planner**

**NAME:** 

**Last Name** | **First Name** | **ID#** | **SEX:** (M) (F)
---|---|---|---

**DEGREE PLAN?**

- Minimum [X]  
- Recommended [ ]  
- Distinguished Achievement [ ]

<table>
<thead>
<tr>
<th>Grade</th>
<th>8th Grade</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
<th>Post-Secondary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>English</td>
<td>English I</td>
<td>English II</td>
<td>English III</td>
<td>English IV</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Math</td>
<td>Algebra I</td>
<td>Geometry</td>
<td>Math Models</td>
<td>Algebra II</td>
<td></td>
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<tr>
<td>3</td>
<td>Science</td>
<td>Biology</td>
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<td>Chemistry</td>
<td>Science Elective</td>
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<tr>
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<td>W. Geography</td>
<td>W. History</td>
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<td>Gov’t/Econ.</td>
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<td>6</td>
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<td>Elective</td>
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<td>7</td>
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<td>8</td>
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<td>C.T.E Elective</td>
<td>C.T.E Elective</td>
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**Student Signature:** __________________________  **Date:** ____________________

Please check what your plans are after high school:  
- Technical School  
- Certification Program  
- Armed Services  
- Two Year Public or Private College/University  
- Four Year Public or Private College/University  
- Workforce

### Recommended Program

**Montgomery High School Six-Year Planner**

**NAME:** 

**Last Name** | **First Name** | **ID#** | **SEX:** (M) (F)
---|---|---|---

**DEGREE PLAN?**

- Minimum [X]  
- Recommended [ ]  
- Distinguished Achievement [ ]

<table>
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<tr>
<th>Grade</th>
<th>8th Grade</th>
<th>9th Grade</th>
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</tr>
</thead>
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<td>1</td>
<td>English</td>
<td>English I</td>
<td>English II</td>
<td>English III</td>
<td>English IV</td>
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<td>2</td>
<td>Math</td>
<td>Algebra I</td>
<td>Geometry</td>
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<td>Math Elective</td>
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<td>Science</td>
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<td>Chemistry</td>
<td>Physics</td>
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<td>Gov’t/Econ.</td>
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<td>B.I.M.</td>
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<td></td>
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</table>

**Student Signature:** __________________________  **Date:** ____________________

Please check what your plans are after high school:  
- Technical School  
- Certification Program  
- Armed Services  
- Two Year Public or Private College/University  
- Four Year Public or Private College/University  
- Workforce
### Sample Graduation Plans

**DISTINGUISHED PROGRAM**

**MONTGOMERY HIGH SCHOOL SIX-YEAR PLANNER**

<table>
<thead>
<tr>
<th>DEGREE PLAN?</th>
<th>Minimum</th>
<th>Recommended</th>
<th>Distinguished Achievement</th>
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<td>Student Signature: ______________________________________ Date: ________________</td>
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</table>

Please check what your plans are after high school: Technical School Certification Program Armed Services Two Year Public or Private College/University Four Year Public or Private College/University Workforce

### 8th Grade

<table>
<thead>
<tr>
<th>1 English</th>
<th>English I</th>
<th>English II</th>
<th>English III</th>
<th>English IV</th>
<th>Post-Secondary</th>
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</table>

### 9th Grade

<table>
<thead>
<tr>
<th>2 Math</th>
<th>Algebra I</th>
<th>Geometry</th>
<th>Algebra II</th>
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<th>Math Elective</th>
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</thead>
</table>

### 10th Grade

<table>
<thead>
<tr>
<th>3 Science</th>
<th>Biology</th>
<th>Chemistry</th>
<th>Physics</th>
<th>Science Elective</th>
</tr>
</thead>
</table>

### 11th Grade

<table>
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<th>4 Social Studies</th>
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<th>U.S. History</th>
<th>Gov’t/Econ.</th>
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### 12th Grade

<table>
<thead>
<tr>
<th>5 Elective</th>
<th>Fine Arts</th>
<th>Health/Comm. App.</th>
<th>B.I.M.</th>
<th>Elective</th>
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### 11th Grade

|-----------|----------------|---------------|---------------|---------|

### 12th Grade

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<th>Elective</th>
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### Post-Secondary

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<th>C &amp; T</th>
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<th>Elective</th>
<th>Elective</th>
</tr>
</thead>
</table>

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**YOUR PLAN**

**MONTGOMERY HIGH SCHOOL SIX-YEAR PLANNER**

<table>
<thead>
<tr>
<th>DEGREE PLAN?</th>
<th>Minimum</th>
<th>Recommended</th>
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</tr>
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<tbody>
<tr>
<td>Student Signature: ____________________________ Date: ________________</td>
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Please check what your plans are after high school: Technical School Certification Program Armed Services Two Year Public or Private College/University Four Year Public or Private College/University Workforce

### 8th Grade

<table>
<thead>
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<th>1 English</th>
<th>English I</th>
<th>English II</th>
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### 9th Grade

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<th>Geometry</th>
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<th>Math Elective</th>
<th>Math Elective</th>
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### 10th Grade

<table>
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<tr>
<th>3 Science</th>
<th>Biology</th>
<th>Chemistry</th>
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### 11th Grade

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<thead>
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<th>4 Social Studies</th>
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### 11th Grade

|-----------|----------------|---------------|---------------|---------|

### 12th Grade

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<tr>
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<tr>
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<th>Elective</th>
<th>Elective</th>
<th>Elective</th>
<th>Elective</th>
</tr>
</thead>
</table>
Texas Assessment of Knowledge and Skills (TAKS)

To receive a Texas high school diploma, a student must complete all the necessary coursework for graduation and pass all parts of his/her required state assessment. The subject areas tested on the Exit Level TAKS test are English Language Arts, Mathematics, Science and Social Studies. The test is based on the Texas Essential Knowledge and Skills (TEKS), which is the curriculum that teachers use every day in the classroom. Students in the classes of 2012 and 2014 will take the Exit Level TAKS in the spring of their 11th grade year. If a student passes all parts of the Exit Level TAKS test the first time, the testing requirements for graduation will have been fulfilled. However, if a student does not pass one or more subject-area tests, there will be several opportunities to retake those tests. The Exit Level TAKS is given in the spring, summer and fall of each school year.

11th Grade: Exit Level TAKS:
- English Language Arts: Including at least English III & Writing
- Mathematics: Including at least Algebra I & Geometry
- Social Studies: Including Early American History & US History
- Science: Including at least Biology & Integrated Physics & Chemistry

The number and percent of correct items required to achieve the Met Standard and Commended Performance levels are approximate and may differ slightly from those shown above to ensure that equivalent standards are maintained for each Exit Level TAKS administration.

Additional information for students and parents is available on the Texas Education Agency (TEA) website at www.tea.state.tx.us/student.assessment/resources/grad/. Information booklets that provide helpful explanations as well as show sample items, reading/writing selections and prompts can be downloaded at www.tea.state.tx.us/student.assessment/taks/booklets/index.html. TEKS state curriculum can be downloaded by grade and/or subject at www.tea.state.tx.us/teks/index.html. Also available on the web is a “frequently asked questions” document with additional information about the required curriculum.

State of Texas Assessments of Academic Readiness (STAAR)

The State of Texas Assessments of Academic Readiness (STAAR) will replace the Texas Assessment of Knowledge and Skills (TAKS), which is the criterion-referenced assessment program that has been in place since 2003. STAAR includes the 12 end-of-course (EOC) assessments mandated by Senate Bill (SB) 1031 in 2007 and House Bill (HB) 3 in 2009. The new tests were implemented in the 2011–2012 school year for the freshmen class.

In 2007 SB 1031 was enacted, which called for the development of "end-of-course assessment instruments for secondary-level courses in Algebra I, Algebra II, Geometry, Biology, Chemistry, Physics, English I, English II, English III, World Geography, World History and United States History.” The purpose of the end-of-course (EOC) assessments is to measure students’ academic performance in core high school courses and became part of the graduation requirements beginning with the freshman class of 2011–2012. The EOC assessments for lower-level courses must include questions to determine readiness for advanced coursework. The assessments for higher-level courses must include a series of special purpose questions to measure college readiness and the need for developmental coursework in higher education. HB 3 outlined the implementation of the STAAR EOCs. In addition, a student’s score on each EOC assessment will be worth 15% of the student’s final grade for that course.
Plan for Phase-Out of TAKS and Phase-In of STAAR:

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Grade 9</td>
<td>STAAR</td>
<td>STAAR</td>
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<td>STAAR</td>
<td>STAAR</td>
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<tr>
<td>Grade 10</td>
<td>TAKS</td>
<td>STAAR</td>
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<tr>
<td>Grade 11</td>
<td>TAKS</td>
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<tr>
<td>Grade 12</td>
<td>TAKS*</td>
<td>TAKS*</td>
<td>TAKS*</td>
<td>STAAR or TAKS*</td>
<td>STAAR or TAKS*</td>
</tr>
</tbody>
</table>

*Out-of-school testers and 12th grade re-testers
For additional information, please visit http://www.tea.state.tx.us/student.assessment/staar/

### GRADE LEVEL CLASSIFICATION

A student is classified according to the number of credits earned at the beginning of the school year.

**Credits Earned**
- 18 – 25 ½ and 4th year in high school
- 13 – 17 ½ and 3rd year in high school
- 6 – 12 ½ and 2nd year in high school
- 0 – 5 ½

**Classification**
- Senior
- Junior
- Sophomore
- Freshman

Students beginning the school year as freshmen WILL NOT be reclassified at midterm; however repeat or “bumpback” sophomores who earn 13 credits by the spring semester WILL BE RECLASSIFIED as juniors.

During the spring, students register for the next school year and are given the opportunity to indicate their choice of courses. Schedules are then prepared based on each student’s course requests. Schedules are picked up prior to the beginning of the school year.

### REGISTRATION

Students in 9th and 10th grade are required to register for eight periods and remain on the MHS campus for eight periods. Students in 11th grade are required to register and remain on the MHS campus for eight periods unless they are enrolled in the career preparation program that allows leaving for one class period per day. Students in 12th grade attending college classes, enrolled in dual credit classes, or participating in the career preparation program must register for two consecutive periods each day on the MHS campus. All other students in 12th grade must register for a minimum of three consecutive periods each day on the MHS campus.

Fifth-year seniors will be permitted to attend only those classes needed to meet graduation requirements provided that the courses can be scheduled during consecutive periods.

### SPRING REGISTRATION PROCEDURES & TIMELINE

Registration orientation is conducted for each grade level and an evening meeting for the parents of incoming 9th grade students (includes advisement and distribution of handbook and course selection forms).

**January:** Registration for each grade level (students return completed course selection forms and receive course verification).

**Friday prior to Spring Break:** LAST DAY TO APPLY FOR CHANGES TO COURSE SELECTIONS FOR THE UPCOMING SCHOOL YEAR.
Principals select and hire teachers and create the master schedule based on the courses requested by students. After selecting required courses, students should choose electives and alternates carefully. Those decisions are binding. Schedules are determined by course selections; therefore, schedule changes will only be made if:

1. Students who have a conflict in their schedule that cannot be resolved without changing a course may change a selection with parent/guardian permission. This type of change is limited to subject availability and prerequisites.
2. At the beginning of each semester classes are balanced by the counselors to provide an even distribution of students in course sections. This may result in changing a course or the class period the student is scheduled.
3. During the 1st two weeks of each semester, students who have enrolled in performing arts programs or athletic programs and can no longer participate may change this course with permission from coach, parent/guardian and principal or designee. Students may change between “in season” sports programs or performing arts classes (i.e. track to soccer; Chorale to Concert, Theatre Arts to Theatre Production, etc.) at the completion of the semester with permission from coach/instructor and parent/guardian.
4. Students may elect out of advanced and AP classes with parent/guardian permission at the end of the 1st six weeks grading period if their grade is below “75” for the 1st six weeks and at the end of the 1st semester. Students may only elect out IF there is an equivalent level course available for the advanced or AP class. Check course descriptions for further clarification on which courses do not qualify for schedule changes. Grade points are awarded for courses at semester.
5. Students with handicapping conditions who are served through special education may experience a schedule change because of an ARD committee decision.
6. Those students who are not capable of successful completion of the work for a course in the judgment of the principal or designee in consultation with the counselor, teacher and parent/guardian may be permitted to have a schedule change. This procedure is subject to the availability of a suitable course substitution consistent with the student’s six-year graduation plan and state/local graduation requirements.

Students receive a verification of the courses that they have selected. From that time until the Friday prior to Spring Break, students may apply for changes to their selections.

Once a student is approved for a course that requires teacher/coach permission, that student may only be removed if he/she obtain teacher/coach approval.

HOW TO HANDLE A SCHEDULE CONCERN

Please note that if your schedule reflects those courses and alternates requested on your course selection form, YOU HAVE NO SCHEDULE CONCERNS.

Procedures to request a schedule change:

- Students must complete and turn in the MHS Request for a Schedule Adjustment Form, which is available in the Counseling Center, no later than 5 days after the first day of class.
- Until your concern is addressed, YOU MUST FOLLOW YOUR CURRENT SCHEDULE.
- No student is to leave a class for a schedule concern unless sent for by a counselor.

Requests that are NOT turned in by the deadline stated on the request form will not be honored!

HOW TO HANDLE A TEACHER CONCERN

Students or parents who have a complaint should first bring the matter up with the teacher. If the outcome of that discussion is not satisfactory, they should request a conference with the appropriate Department Head. If not satisfied at that level, they can request a conference with the principal or designee. A conference with the Superintendent and, ultimately, appearing before the Board of Trustees in accordance with District policy is the final step. (See S.T.E.P.S. located in the Student Conduct and Discipline Section of the Student/Parent Handbook.)

LOST SCHEDULE?

Students will receive their official schedule on the first day of each semester. Students must present this official schedule to each instructor the first time they enter each class (A & B days). There will be a $1.00 fee for each replacement schedule, which may be obtained in the Counseling Center.
The Advanced Placement (AP) Program is a program of college-level courses and exams for secondary students provided on the high school campus. The Advanced Placement Program is administered by the College Board and is a national program. For students who are willing and able to apply themselves to college-level studies while in high school, the program enriches both the secondary and post-secondary educational experience. It also provides the means for colleges to grant credit, placement or both to students who have attained a high level of mastery on an AP Exam. Upon completion of an AP course, a student may elect to take the AP Exam. The cost is approximately $89. Colleges may award credit based on the score of the AP Exam. Approximately 2,200 colleges receive these grades and use them as the basis for granting credit and/or placement to entering students whose scores meet their requirements. Financial aid is available to help with exam costs.

MHS offers Advanced Placement courses in:
- Biology
- Calculus AB
- Chemistry
- Computer Science
- English Language & Composition
- Environmental Science
- English Literature & Composition
- French Language
- Human Geography
- Macroeconomics
- Microeconomics
- Music Theory
- Spanish Language
- Psychology
- Statistics
- Studio Art 2D Design
- US Government & Politics
- US Government & Politics: Comparative
- US History
- World History

### ADVANCED COURSE & ADVANCED PLACEMENT (AP) CRITERIA

The MHS advanced and Advanced Placement courses offer special opportunities for motivated students to pursue academic work that challenges their interests and abilities. These courses offer an environment designed to encourage higher level academic achievement. The student must have mastered the most recent state assessments taken to be eligible for these classes.

Successful students are task-oriented, proficient readers, able to prioritize their time and have parental support. A grade of 65 or above in an advanced/AP class meets UIL eligibility standards. However, a grade of 65-69 is not considered a passing grade in regard to satisfactory progress.

Students may exit an advanced/AP course at the end of the 1st six weeks of the first semester if they have an average below 75 or they may exit at the end of the first semester. If there is no level course for students to exit to, then the student must remain in the class. When a student transfers from an advanced/AP course, the grades for that student will transfer to the course in which the student enters. If a student moves at the end of the 1st six weeks grading period, the grade transfers to the level class and a level grade. If a student moves at the end of the semester, the semester grade will receive the advanced grade points.

A teacher’s approval and student/parent signature will be required for students entering or exiting advanced/AP classes.

### COURSES FOR WHICH THERE IS NO EQUIVALENT LEVEL COURSE AND, THEREFORE, NO EXIT INCLUDE:

<table>
<thead>
<tr>
<th>ACADEC I-IV</th>
<th>Advanced French III</th>
<th>Pre-Calculus</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Biology</td>
<td>AP French Language</td>
<td>AP Psychology</td>
</tr>
<tr>
<td>AP Calculus AB</td>
<td>AP Human Geography</td>
<td>AP Spanish Language</td>
</tr>
<tr>
<td>AP Chemistry</td>
<td>AP Macroeconomics</td>
<td>AP Statistics</td>
</tr>
<tr>
<td>AP Computer Science</td>
<td>AP Microeconomics</td>
<td>AP Studio Art 2D Design</td>
</tr>
<tr>
<td>Advanced Debate II, III, &amp; IV</td>
<td>AP Music Theory</td>
<td>AP US Government &amp; Politics: Comparative</td>
</tr>
<tr>
<td>AP Environmental Science</td>
<td>AP Physics B</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** A student who participates in interscholastic competition during the school year should check the eligibility standards in the following section before selecting an advanced/AP course.

### ELIGIBILITY FOR INTERSCHOLASTIC COMPETITION

Students in grades 7 through 12 may participate in extracurricular activities on-campus or off-campus at the beginning of the school year only if they have earned the cumulative number of credits in state-approved courses as indicated below, with the exception of special education students whose status is defined by the ARD committee and their own IEP’s.

1. Beginning in Grade 7 and continuing through Grades 8 and 9: must have been promoted from previous grade, not placed.
2. Beginning in Grade 10 or the second year of high school (Grades 9 through 12): must have earned five (5) state credits.
3. Beginning in the third year of high school: must have earned ten (10) state credits or must have earned five (5) state credits during the preceding 12 months.
4. Beginning in the fourth year of high school: must have earned 15 state credits or must have earned five (5) state credits during the preceding 12 months.

Credits earned in summer school or in correspondence may be used to determine eligibility.

A student who receives at the end of a grading period a grade below 70 (grade below 65 in an advanced placement, or an honors or a dual credit course in English/ Language Arts, mathematics, science, social studies, economics, or a foreign language) in any academic class may not participate in extra-curricular activities for at least three school weeks. The student becomes ineligible seven (7) days after the last day of the six-weeks grading period. For example, if the six-weeks ends at 2:35 p.m. on Friday, October 5, the suspension would take effect at 2:35 p.m. on Friday, October 12.

A student regains eligibility seven calendar days after the three school week evaluation period, if the student is passing all courses on the last day of the three school week period. The student's work is evaluated from the first class day of the new grading period to the end of the three school week evaluation period. If the student has at least a minimum grade of 70 on a scale of 70 -100 for work done since the end of the previous grading period, the student may regain eligibility 28 seven calendar days later at the time the regular school day ends. Parents and students are encouraged to consult the coach/sponsor if there is a question.

Note: Schools taking breaks of one week or more are reminded that those weeks do not count as part of this period. All students are eligible during this time.

Students who assist the sponsor or coach, such as student managers, must meet all academic eligibility requirements even though they do not participate in the performance or contest.

Students must be in attendance at least one-half day prior to competition or practice to be eligible for either practice or activity.

A student receiving a course grade of “I” (Incomplete, pending completion of required work) is considered ineligible until the “I” is replaced with a passing grade for that grading period.

**AWARD OF CREDIT**

In addition to course offerings provided at MHS, the district provides other options for earning high school credits. Credits earned through credit by examination, correspondence, summer school, night school, junior high, virtual school and dual credit are not included in the GPA and are not used for ranking purposes nor do they replace grades earned during the regular school year on the Academic Achievement Record. The following information should be helpful to students and parents who wish to consider these options.

**CREDIT BY EXAMINATION (CBE)**

<table>
<thead>
<tr>
<th>Registration &amp; Testing Schedule for 2012</th>
<th>Registration &amp; Testing Schedule for 2013</th>
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</thead>
<tbody>
<tr>
<td>June 19, 20, and 21, 2012 - Registration Deadline is May 9, 2012</td>
<td>June 18, 19, and 20, 2013 - Registration Deadline is May 8, 2013</td>
</tr>
<tr>
<td>July 17, 18 and 19, 2012 – Registration Deadline is June 13, 2012</td>
<td>July 16, 17 and 18, 2013 – Registration Deadline is June 12, 2013</td>
</tr>
</tbody>
</table>

All registration must be completed and submitted to the district office designee at least 30 days prior to the published testing dates. Some additional dates will be provided during each semester to accommodate testing of new students.

**Procedures:** In order to receive credit in a course, a student shall:

- Complete the application with parent approval, as applicable.
- Receive approval from the campus principal or designee.
- Fulfill all departmental requirements for the course, such as laboratory exercises, research papers, or special projects normally expected in the course.

**Fees for Examinations:** The student is responsible for all examination fees.

**CBE FOR ACCELERATION**

The State Board of Education (SBOE) provides that school districts offer students the opportunity to pass certain courses through CBE. The high school CBE for acceleration program is for a highly capable student who feels he or she already possesses the knowledge and skills taught in an academic subject and who has not previously received instruction in that subject. See the counselor for specific information about courses and requirements.

**Performance Criteria for Acceleration:** To receive credit for the course, the student must score a 90 percent or higher on the
The district's designated criterion-referenced test covering the requirements in Chapters 74 and 75 of the Texas Administrative Code (TAC) and district objectives of the course.

**Granting and Recording Credit:** Test scores will be posted to the AAR and credit will be awarded for grades of 90 or higher. No advanced course designations will be given. CBE grades will not be computed in the GPA and/or used for ranking purposes.

## CBE FOR VERIFICATION

Eligible students have the opportunity to earn credit in courses for which they have had prior instruction through CBE. See the counselor for specific information about courses and requirements. The high school CBE for verification program is for students who participated in home schooling, attended a non-accredited school or had a non-traditional academic background.

**Performance Criteria for Verification:** To receive credit for the course, the student must score a 70 percent or higher on the district's designated criterion-referenced test covering the requirements in Chapters 74 and 75 of the TAC and district objectives of the course.

**Granting and Recording Credit:** Test scores will be posted to the AAR and credit will be awarded for grades of 70 or higher. No advanced course designations will be given. CBE grades will not be computed in the GPA and/or used for ranking purposes.

## CBE FOR RETRIEVAL

Eligible students have the opportunity to earn credit in courses for which they have had prior instruction through CBE. See the counselor for specific information about courses and requirements. The high school CBE for retrieval program is one method to recover credits for students who have failed courses. Other methods for the student include summer school, correspondence courses or retaking the course during the regular school year.

**Performance Criteria for Retrieval:** To receive credit for the course, the student must score a 70 percent or higher on the district’s designated criterion-referenced test covering the requirements in Chapters 74 and 75 of the TAC and district objectives of the course.

**Granting and Recording Credit:** Test scores will be posted to the AAR and credit will be awarded for grades of 70 or higher. No advanced course designations will be given. CBE grades will not be computed in the GPA and/or used for ranking purposes.

State-required credits for graduation may be earned through correspondence courses. Courses must be taken from the University of Texas Extension Division or the Extension Division of Texas Tech University. The student is responsible for fees and books required for correspondence courses.

## CORRESPONDENCE

**Correspondence Courses for Initial Credit:** A student may take a maximum of four (4) semesters (2 credits) through correspondence. Information for correspondence courses is available through the Counseling Center.

**Correspondence Courses for Retrieval of Credit:** Information for correspondence courses for retrieval of credit is available through the Counseling Center.

Correspondence grades must be received by May 1st if the grades are necessary for graduation. **Students will not be allowed to use these grades for purposes of participating in the graduation exercise after this date.** Grades earned in this manner are not included in the GPA and not used for ranking purposes nor do they replace grades earned during the school year on the AAR.

## SUMMER SCHOOL

Summer school courses may be used for initial credit, remediation or retrieval of credit depending on the offering institution. Courses offered should be comparable to the same courses taught during the regular school semester(s) in content and achievement standards. Grades earned in this manner are not included in the GPA and not used for ranking purposes, nor do they replace grades earned during the regular school year on the AAR. Students should see their assigned counselor for additional information.
NIGHT SCHOOL

Lone Star College provides an evening high school program for students 16 years old or older who need to repeat a course or schedule a course for graduation. The campus principal or designee must sign an enrollment card before the student may register. Grades earned in this manner are not included in the GPA and not used for ranking purposes nor do they replace grades earned during the regular school year on the AAR. Students should see their assigned counselor for additional information.

JUNIOR HIGH

High school courses taken in junior high school will earn credit toward the 26 credits required for graduation. However, it is strongly suggested that students complete four (4) math credits while on the MHS campus for college readiness. Grades earned in junior high are not included in the GPA and not used for ranking purposes nor do they replace grades earned during the regular school year on the AAR.

DUAL CREDIT

Students who meet the early admissions requirements for college readiness may take a dual credit course and receive college and high school credit. All students who wish to enroll for dual credit must take the Texas Higher Education Assessment (THEA), Accuplacer or Compass tests, or be exempted from the test before enrolling in any college-level coursework. Students may be exempted from the THEA by making the following qualifying scores on the SAT, ACT, or TAKS:

- SAT – combined verbal/math score of 1070 with a minimum of 500 on both the verbal and mathematics tests;
- ACT – composite of 23 with a minimum of 19 on both the English and mathematics tests; or a 21 on the math portion to be ready for Math 1314 – College Algebra, or
- TAKS – See counselor for waivers and exemptions for all students.

The following guidelines also apply:
- The student shall be responsible for meeting all college requirements.
- The MISD Board of Trustees shall determine approval of courses for which high school credit shall be granted.
- Students shall notify the dual credit coordinator if there is a change in their status at the college/university. Credit shall not be awarded without the official presentation of the college transcript or grade report to the dual credit coordinator within five school days of the grades being posted.
- Dual credit classes are exempt from UIL regulations for grades. However, a student must remain in the class for the entire semester and will not receive credit for the class, at either the high school level without a passing grade of a C or higher in the college class.
- Transportation is the responsibility of the parent and student. The district is not liable for injury occurring once the student leaves campus.
- In order for a dual credit course to count as an Advanced Measure on the Distinguished Graduation Plan, the student must make a B or better in the course.
- The college will allow a student to take only two dual credit classes per semester. Information on fees for courses will be available from the dual credit coordinator.
- Students must complete the application process by the assigned deadline date set by the MHS dual credit coordinator.
- Students must attend orientation with LSCS.
- If, due to special circumstances, a dual credit class needs to be dropped, the student must drop it through the high school counselor.
- If a student makes a D or below, the student will be dropped from the program and may not take any more dual credit courses while in high school.
- There is no guarantee of credits being transferred to any college or university.

TEXAS VIRTUAL SCHOOL NETWORK (TxVSN)

The 80th Texas Legislature passed Senate Bill 1788 (SB 1788), authorizing the Texas Education Agency to establish and administer a state virtual school network to provide education to students through electronic means. An electronic course is defined as a course in which instruction and content are delivered primarily over the Internet; a student and teacher are in different locations for a majority of the student's instructional period; most instructional activities take place in an online environment; the online instructional activities are integral to the academic program; extensive communication between a student and a teacher and among students is emphasized; and a student is not required to be located on the physical premises of a school district or open-enrollment charter school.

TxVSN Facts:
- The Texas Virtual School Network (TxVSN) is a supplemental rather than diploma granting program.
- Electronic courses will supplement the services the district currently offers students, based on students’ academic needs.
The home (receiving) district will continue to award credits and diplomas and the TxVSN partners with the home district to meet student needs. SB 1788 does not affect the provision of distance learning courses offered under other law. Education Code Chapters 30A Sec 30A.001 State Virtual School Network Districts are course providers. Private providers are eligible via districts. The Network courses are offered for students in 9th-12th grade.

**TxVSN Student Eligibility:**
- Eligible to enroll in TxVSN provided courses only if:
  - Younger than 21
  - Has not graduated from high school, and
  - Is otherwise eligible to enroll in a public school
- Full-time enrollment
  - Enrolled in a Texas public school in the preceding school year or
  - Is a dependent of a member of the US military,
  - Was previously enrolled in a Texas public school in the preceding year, and
  - Does not reside in Texas due to military deployment or transfer

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**ADVANCED TECHNICAL CREDIT (ATC) – TECH PREP**

Advanced Technical Credit (ATC) is an advanced placement program that provides a method for high school students who continue technical programs of study in college to receive credit for knowledge and skills obtained in high school without duplication of coursework. Students successfully demonstrating college-level competence in content-enhanced high school courses are eligible to receive banked (in escrow) credit for courses that are part of an associate of applied science (AAS) degree or certificate plan offered by public two-year colleges. Articulated credit courses are college-level technical courses allowing high school students to qualify for college credit statewide through ATC or through local agreements. ATC courses are taught by high school teachers and are offered free to students.

The following steps are necessary to receive the ATC college credit for specific high school courses:
- Successfully complete an approved articulated high school course with a grade of a “B” (80 – 89) or higher.
- Enroll in a participating two-year college within 15 months after high school graduation.
- Declare a college major which includes the equivalent college courses in the degree plan.
- Visit your college advisor or program coordinator and apply for articulated credit.
- Verify that articulated courses have been posted to your college transcript.

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**CAREER & TECHNICAL EDUCATION**

The Career and Technical Education Department encourages students to pursue certification and licenses as appropriate. Certification and licenses are available in the selected Career and Technical Education program areas. Students should consult with their teachers and/or counselors to discuss the various opportunities.

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**FOREIGN EXCHANGE STUDENTS**

The purpose of a foreign exchange program is for cultural and social enrichment. Foreign exchange students are not eligible to graduate from MHS nor will they be issued a diploma. Because Texas law does not allow school districts to charge foreign students to attend their schools, MISD cannot complete I-20 forms for any foreign exchange student. An I-20 form requires that the District acknowledge the acceptance of tuition from students who attend District schools, but aren’t residents of the United States. MISD also limits the number of foreign exchange students to one (1) per year per company and/or organization.

Students that enroll in MHS as foreign exchange students must have approval from the District by August 1 of the school year they wish to enroll and will only be accepted in the fall; there is no mid-term enrollment for foreign exchange students. The host family must reside within MISD’s attendance zone. Foreign exchange students will be required to take the following courses: English III or AP English Language, US History and US Government. Additional courses to complete the schedule should enhance the cultural and social experience of the exchange. If an exchange student wishes to enroll in mathematics or science, he/she must, upon enrollment in MHS, provide recommendations for the level of math and/or science that is best matched for his/her success. Foreign exchange students must meet the prerequisites, guidelines and level changes as all other District students. Regardless of year in school in their home country, a foreign exchange student is classified as an eleventh grade student. He/she will not be required to take TAKS state assessments; however, a foreign exchange student will be required to take STAAR EOC assessments for courses in which he/she is enrolled. Foreign exchange students are encouraged to participate in clubs, activities and athletics while enrolled at MHS as well as present information about their home country to the MHS community.
Knowing the differences between Advanced Placement and Dual Credit courses will assist you in planning for both high school and college courses.

<table>
<thead>
<tr>
<th>Description</th>
<th>Advanced Placement (AP)</th>
<th>Dual Credit (DC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>The AP Program allows students to take college-level courses and exams, and to earn college credit or placement while still in high school.</td>
<td>Dual Credit allows high school students to earn both high school and college credit by completing courses at their high school and/or college campus.</td>
</tr>
<tr>
<td>Credit</td>
<td>Students seeking credit through their AP Exam scores should note that individual colleges and universities, not the College Board, the AP Program or the high school, grant course credit and placement.</td>
<td>Credit is awarded when the student passes the course. Students must pass a DC course with a C or higher to remain in the dual credit program.</td>
</tr>
<tr>
<td>Teachers/Instructors</td>
<td>Taught by specially trained high school teachers.</td>
<td>Taught by college instructors and/or high school teachers who serve as adjunct professors.</td>
</tr>
<tr>
<td>College/University Acceptance</td>
<td>Accepted throughout the nation. See individual college for their policy.</td>
<td>Accepted at public college and universities in Texas. Check with individual college for your intended major’s academic requirements.</td>
</tr>
<tr>
<td>Location</td>
<td>AP courses are taught on the high school campus.</td>
<td>Dual Credit courses can be taught on the high school or college campus.</td>
</tr>
<tr>
<td>Eligibility</td>
<td>Open to any student who meets the AP criteria in the course catalog.</td>
<td>• Must be currently attending high school and classified as a junior or senior. • Must have a college placement score on E-Compass, THEA, Accuplacer, SAT, ACT 11th grade TAKS scores • Parent/guardian and counselor approval.</td>
</tr>
<tr>
<td>Cost</td>
<td>Approximately $90 per test. Payment to high school prior to March.</td>
<td>The approximate cost is $100 per 3 credit hour course. Payment to LSC upon registration.</td>
</tr>
<tr>
<td>Textbooks</td>
<td>Provided by the school.</td>
<td>Student is responsible for textbooks.</td>
</tr>
<tr>
<td>Impact on High School GPA</td>
<td>AP courses are weighted in the MHS GPA.</td>
<td>Dual Credit courses are not calculated into the MHS GPA.</td>
</tr>
</tbody>
</table>
At MHS, class ranking is determined by the student’s GPA which is calculated on a 6.0 scale. The GPA is calculated by dividing the number of grades in a semester into the total number of grade points earned for each grade in a semester. Credits earned through CBE, correspondence courses, summer school, night school, junior high, virtual school and dual credit are not included in the GPA and not used for ranking purposes, nor do they replace grades earned during the regular school year on the AAR. **Grade points are awarded for semester averages only.**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Level</th>
<th>Advanced/AP</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
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</tr>
<tr>
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<td>97</td>
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</tr>
<tr>
<td>&lt;70</td>
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<td>0.0</td>
</tr>
</tbody>
</table>
To receive credit for a course, a student must maintain an average of 70 or above. If a student has less than 70 the first semester, but performs above 70 the second semester, the two grades are averaged for a year-end grade. If the year-end grade results in a 70 or above, a full year’s credit may be awarded. If a student earns above 70 the first semester, but earns less than 70 the second semester, the student must repeat the second semester course. The first semester grade cannot carry the second semester grade.

Examples:

<table>
<thead>
<tr>
<th>1st Semester</th>
<th>2nd Semester</th>
<th>Year-End Average</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>65</td>
<td>75</td>
<td>70*</td>
<td>1.0</td>
</tr>
<tr>
<td>65</td>
<td>70</td>
<td>68*</td>
<td>.5</td>
</tr>
<tr>
<td>75</td>
<td>65</td>
<td>70*</td>
<td>.5</td>
</tr>
</tbody>
</table>

*Year-End Average will include the STAAR/EOC assessment calculated as 15% if applicable.

GRADE EQUIVALENT AND CONVERSION SCALE

Transfer GPA/Credit Policy:
MHS accepts all grades and credits (including summer school, CBE and correspondence courses) required for graduation earned at any accredited public school within Texas.

Advanced and Advanced Placement (AP) grade points will only be given for those advanced and AP courses offered to MHS students. If the course isn’t offered at MHS, the AAR will indicate the course as advanced or AP, and it will carry level grade points.

Transcripts and coursework for students transferring from non-accredited schools (including home schooling) will be evaluated to verify if the content of courses for which the student has received instruction and/or earned credit meets the criteria approved by the SBOE for Grades 9 through 12 relating to TEKS. The campus principal or designee will determine if additional verification of course content mastery is necessary in order to award credit.

Grades from other schools will be converted to the MISD grading scale as stated in the following policy.

- If transfer grades from other schools are reported in letter grades or percentages with no conversion scale provided, grades will be converted to the state and MISD grade conversion scale as follows:
  
  A+ = 99  B+ = 89  C+ = 79  D+ = 74  F = 69
  A   = 95  B   = 85  C   = 77  D   = 72
  A-  = 92  B-  = 82  C-  = 75  D-  = 70

- Numerical grades and award of credit will be accepted from other districts as they are printed on their official transcript. For numerical grades from districts where the passing standard is less than 70, a designation of “P” will be used to award credit. However, grade points will not be assigned. Numerical grades, which are not passing in the sending school, will not receive credit or grade points at MHS for those courses.

- If transfer grades from other schools are reported in letter grades or percentages, MHS will honor the conversion scale printed on the official transcript or provided in writing from an official of the sending school.

- If a student’s transcript reflects a grading scale different from the circumstances stated above, every effort will be made to convert the grades as closely as possible to the MISD grading scale.

- **MHS grades, for NCAA eligibility consideration, equate to the following:**

<table>
<thead>
<tr>
<th>100-90</th>
<th>90-89</th>
<th>80-79</th>
<th>70-69</th>
<th>69 or below</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (4.0 quality points)</td>
<td>B (3.0 quality points)</td>
<td>C (2.0 quality points)</td>
<td>F (0 quality points)</td>
<td></td>
</tr>
</tbody>
</table>
Below is a list of advanced courses to be exempted for No Pass - No Play purposes, as per SB 1517, section 33.081 Education Code:

Advanced Algebra II  AP Environmental Science  AP Spanish Language
Advanced Biology  Advanced French III  AP Statistics
AP Biology  AP French Language  Dual Credit Statistics
AP Calculus  Advanced Geometry  AP Studio Art 2D Design Portfolio
Advanced Chemistry  AP Human Geography  Dual Credit Trigonometry
AP Chemistry  AP Macroeconomics  AP US History
Dual Credit College Algebra  AP Microeconomics  Dual Credit US History
AP Computer Science  AP Music Theory  AP US Government
Advanced Debate II-IV  Advanced Physics  Dual Credit US Government
Dual Credit Economics  AP Physics B  AP US Government & Politics: Comp.
Advanced English I-II  Pre-Calculus  Advanced World Geography
AP English Language & Composition  Dual Credit Pre-Calculus  AP World History
AP English Literature & Composition  AP Psychology  
Dual Credit English IV  Advanced Spanish II-III

These courses have been designated as advanced by the MISD Board of Trustees including all state identified advanced courses.

**ACADEMIC LETTER**

An Academic Letter is awarded to students that have maintained a 5.5 GPA for four semesters. **The four semesters do not have to be consecutive.** Students that meet the requirements need to sign up with registrar. Academic Letters are awarded in the spring.

**CLASS RANKING**

**Senior Class Rankings:** Senior class rankings are released each year in September and February. Final rankings will be calculated after the 5th six-weeks, with the 4th and 5th six-weeks counting as a completed semester. The three-year graduate will be ranked with the graduating class according to his/her GPA.

**Sophomore and Junior Class Rankings:** Sophomore and junior class rankings are released with the report cards at the end of the 1st and 4th 6-weeks marking period each year.

**Freshman Class Ranking:** Freshmen class rankings are released with the report card at the end of the 4th six-weeks marking period each year.

Credits earned through CBE, correspondence courses, summer school, night school, junior high, virtual school and dual credit are not included in the GPA and not used for ranking purposes, nor do they replace grades earned during the regular school year on the AAR.

Students who have not completed attendance requirements by the date class ranks are computed will be ranked as credit attempted but no credit received. The class rank will not be recalculated at the time the credit is earned, but at the next scheduled time for the appropriate grade level.

**FOR SENIORS**

**PASS/FAIL COURSES**

Guidelines and conditions for selecting a course to be taken on a PASS/FAIL basis: MHS shall permit a fourth year student who has reached senior status to take, during each semester, up to two courses not required for graduation credit under the student’s graduation program. Grades earned as pass/fail will not count toward class rank. The following terms and conditions apply.

The student shall:
1. Have passed all sections of the exit-level assessments (TAKS).
2. Be required to have written parental permission.
3. Be required to take concurrently at least four courses for traditional grades.
4. Declare pass/fail status at the time of course selection or no later than the second day the class meets for the semester in which the course will be taken. Once pass/fail status has been selected by the student, it cannot be changed back during that semester.

5. The student will be given a numerical grade each six weeks. At the end of the semester, a grade of pass/fail will be placed on the report card. Final exemption guidelines for senior exemptions set out in the student handbook shall apply to pass/fail courses.

7. The student and parent are responsible for verifying with any college or university to which the student plans to apply that pass/fail courses will be accepted for credit.

8. In order to maintain eligibility in extracurricular activities while taking courses on a pass/fail basis, a student shall be required to make a passing grade each six weeks.

9. **PASS/FAIL PERMISSION FORMS** are available in the Counseling Center.

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**HONOR GRADUATES**

**Valedictorian:** The four-year graduate with the highest GPA holds the honor of valedictorian. A three-year graduate with a GPA as high as or higher than the highest four-year graduate shall be considered tied for valedictorian honors, and salutatorian status will not be affected. In order to be eligible for valedictorian, a student must be in attendance at MHS four consecutive semesters of his/her final two school years.

**Salutatorian:** The four-year graduate with the second highest GPA holds the honor of salutatorian. A three-year graduate with a GPA as high as or higher than the second-highest four-year graduate but less than the valedictorian will be considered tied for salutatorian honors. In order to be eligible for salutatorian, a student must be in attendance at MHS four consecutive semesters of his/her final two school years.

**State of Texas Top 10% Graduates:** This group of students consists of both three-year and four-year graduates that fall among the top 10% of the graduating class at the time of official rankings. They are eligible for automatic admission to any public university in Texas based upon their sixth semester GPA and ranking. To be eligible for automatic admission, a student must:

- Graduate in the top 10% of his/her class at a public or private high school in Texas;
- Enroll in college no more than two years after graduating from high school; and since deadlines vary, students should check with the specific university to verify the application deadline.
- Submit an application to a Texas public university for admission before the institution’s application deadline.

**Higher education institutions may limit the number of first-time freshmen admitted under this policy if the number of first-time freshmen eligible for admission exceeds, by more than 10%, the average size of the first-time freshmen classes admitted the previous two years.**

**MHS Honor Graduates:** This group of graduates is determined after the final senior class ranking following the 5th six-weeks. It includes the top 10% of the graduating class consisting of the three-year and four-year graduates as determined by the State of Texas Top 10% guidelines as well as any four-year graduates that may have been displaced by the addition of the three-year graduates. This group, therefore, may include slightly more than 10% of the graduating class. In accordance with Texas Education Code (TEC), §28.026, and Texas Administrative Code (TAC), §61.1201, school districts are required to provide eligible students with written notification of eligibility for automatic college admission under the Uniform Admission Policy (TEC §51.803). No later than the 14th day after the last day of classes for the fall semester, a campus designee shall notify each eligible senior, each junior with a grade point average in the top ten percent, and each student’s parent or guardian of the student’s eligibility for automatic college admission.

**EARLY GRADUATION**

A student wanting to participate in graduation exercises and receive a diploma in less than four years shall make written application to the counselor by October of his/her junior year. The student will receive counseling regarding early high school graduation. Early graduation students will be ranked with the graduation class according to his/her GPA as addressed in the previous section on “Class Ranking.” Valedictorian, salutatorian, State of Texas Top 10% and MHS Honor Graduate designations are addressed in the previous section on “Honor Graduates.”

**AWARDING OF DIPLOMA POSTHUMOUSLY (House Bill 1563)**

MHS will issue a high school diploma posthumously to each student who died while enrolled in the district at grade level 12 on request of the student’s parents, provided that the student was academically on track at the time of death to receive a diploma at the end of the school year in which the student died. This includes any summer session following the spring semester. The district will not award a diploma if the deceased student was ever convicted or adjudicated as engaging in conduct constituting a felony offense under Title 5 or 6, Penal Code.
Students graduating in the top 10% of our school’s graduating class are granted automatic admission into a Texas public four-year university or college for two years following graduation, except for the University Of Texas (UT). UT sets the top graduating percentage and it is posted on their website. To qualify for this automatic admission, students must complete one of the following two criteria:

- complete the RHSP or DAP OR
- satisfy the ACT College Readiness Benchmarks or earn at least a 1500 out of 2400 on the SAT.

### ACT’s College Readiness Benchmarks

<table>
<thead>
<tr>
<th>College Course of Course Area</th>
<th>Test</th>
<th>ACT Score</th>
<th>COMPASS Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>English</td>
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<tr>
<td>Social Sciences</td>
<td>Reading</td>
<td>21</td>
<td>88</td>
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<tr>
<td>Algebra</td>
<td>Mathematics</td>
<td>22</td>
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</tr>
<tr>
<td>Biology</td>
<td>Science *</td>
<td>24</td>
<td>N/A *</td>
</tr>
</tbody>
</table>

### COLLEGE ADMISSION ELIGIBILITY REQUIREMENTS (House Bill 3826)

The state legislature amended the current admission eligibility requirements for students applying to any general academic teaching institution, including those institutions with open enrollment policies. Effective September 1, 2007 and thereafter, only applicants who have completed the RHSP or DAP are eligible to apply to a 4-year college for admission. This also applies to students eligible for automatic admission by graduating in the top 10% of their class.

In addition, this law further states that institutions of higher learning shall admit any applicant who is the child of a public servant killed or having sustained a fatal injury in the line of duty. Applicants need to meet the minimum requirements of the institution of higher learning.

### CERTIFICATE AWARD/4-YEAR SPECIAL SERVICE STUDENT (Senate Bill 673)

Students receiving special education services can opt to participate in the graduation ceremony after their fourth year of high school. A certificate of attendance will be issued instead of a diploma to allow students to participate in commencement exercises with their same age peer/class cohort. The statute limits student participation to only one graduation ceremony.

### COLLEGE ENROLLMENT/FINANCIAL AID/SCHOLARSHIPS

Higher education and technical skills are important for most careers in our highly complex world. Information to aid in planning for post-secondary education, universities, technical schools or military service is available through the MHS College and Career Center. Free information on college preparation for middle and high school students, easy-to-understand descriptions of the different types of student financial aid available, insights to popular careers, plus links to every college website in Texas are available at [www.CollegeforTexas.com](http://www.CollegeforTexas.com). Student and parent orientations are provided each spring during registration to address high school course selection related to post-secondary education. Students and parents may also contact their high school counselor for further information. Keep up to date by visiting the Montgomery High School website and selecting the “Counselor’s Corner” section.

Some important information to consider when planning secondary (high school) coursework and post-secondary (college and technical school) entrance is listed below:

- Students ranked in the top 8%-10% of their graduating class are eligible for automatic admission to most public universities in Texas. Specific requirements are addressed in the previous section on “Honor Graduates.”
- Colleges and universities have course entrance requirements that may be above those required for graduation from high school. Some colleges and universities in Texas now require students to graduate under RHSP as an admission requirement.
- SAT or ACT college entrance examinations are required for admission to four-year colleges and universities. Consult college catalogs and/or websites to determine which test to take and deadlines. Registration forms and prep materials are available in the Counseling Center or on the SAT/ACT websites. It is the student’s responsibility to determine testing dates and
Students are encouraged to select their college early in their senior year. Once accepted by a college, students are generally notified of summer orientation programs. Students are encouraged to attend these orientations.

Students attending Texas public colleges and universities can use the Apply Texas Application, which is available on-line at www.applytexas.com. Current information on specific college/university entrance applications and entrance requirements should be requested from the college or university. Students who intend to live on campus should obtain an application for housing early in the fall of their senior year.

All students should fill out the FAFSA (Free Application for Federal Student Aid) during their senior year. This form is available on-line at www.fafsa.ed.gov. This form must be on file in the financial aid office of the college or university you plan to attend to determine if you are eligible for state, federal or institution financial aid in the form of grants, scholarships and/or loans. Scholarship information is posted on the MHS website in the "Counselor's Corner". Parents are encouraged to contact their employers regarding scholarships they may offer to children of their employees.

**TOWARD EXCELLENCE, ACCESS & SUCCESS GRANT PROGRAM (TEXAS Grant)**

The Toward Excellence, Access, and Success (TEXAS) Grant Program provides grant money to enable well-prepared eligible students to attend public and private non-profit institutions of higher education in Texas. A student who is a Texas resident; graduated from a public or accredited private high school in Texas no earlier than the fall of 1998; completed the Recommended or Distinguished Graduation Plan; has financial need; enrolls at least three-fourths time in an undergraduate degree or certificate program as an entering undergraduate within 16 months of high school graduation; and has not been convicted of a felony or a crime involving a controlled substance, may apply through the financial aid office of his/her chosen college. Only in-state (Texas) colleges or universities may participate in the program. Visit the website at www.collegefortexans.com for current information out about loan programs, scholarships, and other grant programs.

**STUDENT EDUCATION BENEFITS PROGRAM**

This program allows public colleges to lower tuition and/or fees for eligible students. The state has programs for some students who meet one of the following: in foster care before ages 18, adopted prior to age 14, valedictorians, blind, deaf, and early high school graduates.

The state also has programs for children of disabled or deceased peace officers, deceased veterans, POWs or MIAs, parents receiving Temporary Assistance for Needy Families (TANF) for the student when he/she was a high school senior.

Students should contact a college financial aid officer for instructions.

**SPECIAL PROGRAMS**

**ENGLISH FOR SPEAKERS OF OTHER LANGUAGES**

Students who are Limited in English Proficiency (LEP) may be eligible and need English for Speakers of Other Languages as the English language arts program. The primary goal of this program is to enable the student who is limited in speaking English to become sufficiently competent in comprehending, speaking, reading and writing for the successful mastery of requirements in Chapters 74 and 75 of the TAC and district objectives in all English programs.

The Language Proficiency Assessment Committee (LPAC) makes all LEP placement decisions for individual students. The LPAC can be composed of a certified ESL teacher and a parent of a language minority student. A counselor and/or a campus administrator may also be included.
The MHS advanced and Advanced Placement courses offer special opportunities for motivated students to pursue academic work that challenges their interests and abilities. These courses offer an environment designed to encourage higher level academic achievement. To be eligible for these classes the student must have mastered the most recent state assessments taken and meet all prerequisites. Successful students are task-oriented, proficient readers, able to prioritize their time and have parental support.

Students who are unable to maintain satisfactory performance within the structure of the Advanced Academic Services program may be placed on furlough by the Campus Advanced Academic Services Committee. The purpose of such a furlough is to provide the student an opportunity to attain performance goals established by the committee. A furlough may also be granted at the request of the student and/or the parent.

A student may be furloughed for a period of time deemed to be appropriate by the Campus Advanced Academic Services Committee. At the end of the furlough the student's progress shall be reassessed and the student may re-enter the program, be removed from the program, or be placed on another furlough.

Students with disabilities may be eligible for and need special education services. MISD offers a wide range of instructional options for students with disabilities through services designed to meet unique education needs. These instructional options range from placement in the general education classroom with support services to placement in specialized classes. Students with disabilities may also be eligible for and need certain related services that may be necessary for the student to benefit from special education instruction.

An ARD Committee that includes the student, parents, administrators, counselors, teachers and special education personnel makes all special education programming decisions for individual students.
KNOW THE RULES:

Core Courses

- **NCAA Division I requires 16 core courses as of August 1, 2008.** This rule applies to any student first entering any Division I college or university on or after August 1, 2008. See the chart below for the breakdown of this 16 core-course requirement.
- **NCAA Division II requires 14 core courses.** See the breakdown of core-course requirements below. Please note, Division II will require 16 core courses beginning August 1, 2013.

Test Scores

- **Division I** has a sliding scale for test score and grade-point average. The sliding scale for those requirements is shown on page two of this sheet.
- **Division II** has a minimum SAT score requirement of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the four sections on the ACT: English, mathematics, reading and science.
- All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.

Grade-Point Average

- Only core courses are used in the calculation of the grade-point average.
- **Be sure** to look at your high school’s list of NCAA-approved core courses on the Eligibility Center’s Web site to make certain that courses being taken have been approved as core courses. The Web site is www.eligibilitycenter.org.
- **Division I** grade-point-average requirements are listed below.
- **The Division II** grade-point average requirement is a minimum of 2.000.

### DIVISION I - 16 Core-Course Rule

16 Core Courses:
- 4 years of English
- 3 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered by high school)
- 1 year of additional English, Mathematics or natural/physical science
- 2 years of social science
- 4 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy)

### DIVISION II - 14 Core-Course Rule

14 Core Courses:
- 3 years of English
- 2 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered by high school)
- 2 years of additional English, mathematics or natural/physical science
- 2 years of social science
- 3 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy)

**PLEASE NOTE:** Beginning August 1, 2013, students planning to attend an NCAA Division II institution will be required to complete 16 core courses.
OTHER IMPORTANT INFORMATION

- Division II has no sliding scale. The minimum core grade-point average is 2.000. The minimum SAT score is 820 (verbal and math sections only) and the minimum ACT sum score is 68.

- 14 core courses are currently required for Division II. However, beginning 2013, students will be required to complete 16 core courses.

- 16 core courses are required for Division I.

- The SAT combined score is based on the verbal and math sections only. The writing section will not be used.

- SAT and ACT scores must be reported directly to the Eligibility Center from the testing agency. Scores on transcripts will not be used.

- Students enrolling at an NCAA Division I or II institution for the first time need to also complete the amateurism questionnaire through the Eligibility Center Web site. Students need to request final amateurism certification prior to enrollment.

For more information regarding the rules, please go to www.NCAA.org. Click on "Academics and Athletes" then "Eligibility and Recruiting." Or visit the Eligibility Center Web site at www.eligibilitycenter.org.

Please call the NCAA Eligibility Center if you have questions:

Toll-free number: 877-262-1492

<table>
<thead>
<tr>
<th>Core GPA</th>
<th>SAT</th>
<th>ACT</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.550 &amp; above</td>
<td>400</td>
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</table>
The courses described in this booklet represent the Montgomery Independent School District’s high school curriculum for the 2012-2013 school years. Additions and changes may occur that could modify some of the information in the booklet.

Grade Level is indicated as 9-12. If the course is available only to juniors and seniors, it will be indicated by 11-12. Prerequisites are courses or requirements that students must complete to pursue the next level of study. Courses having less than 15 student requests will not be offered unless the course must be offered every year by state mandate.

ENGLISH LANGUAGE ARTS

English Language Arts Course Selection Advisement

Due to rigorous course work required by the Advanced Placement program, the English department recommends that you review the following guidelines to help you choose your best placement in high school English courses. These suggestions are based on past student performance and are meant to be used as a general guideline. Students wishing to enroll in advanced or AP courses need to be self-motivated and willing to spend time analyzing what they read on more than a literal level and willing to write essays that exhibit strong organizational and grammatically correct characteristics. Please consider that you must be able to devote time outside of school to prepare for these classes. Students taking an advanced course must get Admissions Committee Approval before enrolling in an advanced or AP course.

<table>
<thead>
<tr>
<th>Student presently in ...</th>
<th>Earning grades of...</th>
<th>Recommended to take...</th>
</tr>
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<tbody>
<tr>
<td>8th Grade Level</td>
<td>100-90</td>
<td>Advanced English I</td>
</tr>
<tr>
<td></td>
<td>89-70</td>
<td>English I</td>
</tr>
<tr>
<td>8th Grade Accelerated</td>
<td>100-80</td>
<td>Advanced English I</td>
</tr>
<tr>
<td>9th Grade Level</td>
<td>100-90</td>
<td>Advanced English II</td>
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<tr>
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<td>89-70</td>
<td>English II</td>
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<td>9th Grade Advanced</td>
<td>100-85</td>
<td>Advanced English II</td>
</tr>
<tr>
<td>10th Grade Level</td>
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<td>AP English Language &amp; Composition</td>
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<tr>
<td></td>
<td>89-70</td>
<td>English III</td>
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<td>10th Grade Advanced</td>
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<td>AP English Language &amp; Composition</td>
</tr>
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<td>11th Grade Level</td>
<td>100-90</td>
<td>AP English Literature &amp; Composition</td>
</tr>
<tr>
<td></td>
<td>89-70</td>
<td>English IV</td>
</tr>
<tr>
<td>11th Grade AP</td>
<td>100-85</td>
<td>AP English Literature &amp; Composition</td>
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<table>
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<th>PEIMS Code</th>
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<td>05313</td>
<td>ENGLISH III</td>
<td>11-12</td>
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<td>05413</td>
<td>ENGLISH IV</td>
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</table>

Grammar, composition, vocabulary, reading and literature are studied, with two required outside readings per six-week period at each level. Listening and speaking skills will be used in analyzing and interpreting information. Available technology, including databases and the internet, will be utilized in all classes. English I and II offer a comprehensive study of grammar and practice in basic reading and writing skills; literature instruction will be by theme. English III offers a study of American literature, while English IV offers the study of British literature. Research papers or projects are required for English I, II, III and IV. **English I-IV is taken in sequence.**
**Advanced English I and II**

These courses include extensive independent reading in all genres of world literature, development of higher level critical thinking skills, and the use of the writing process to compose various forms of discourse for a variety of audiences and purposes.

**Students must be prepared to devote considerable hours to independent readings and outside projects.**

**AP Language & Composition**

AP Language & Composition is designed to provide students with an opportunity to complete the equivalent of a college level rhetoric and composition course. Students will read mainly non-fiction from a variety of periods, disciplines, and rhetorical contexts. The course develops writing techniques, research skills, and analysis of literature necessary for college success.

**Students must be prepared to devote considerable time to writing.** Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89.00. Colleges may award credit based on the score of the AP Exam.

** Practical Writing Skills**

Practical writing is designed for students who are interested in developing basic writing skills for practical situations. Course curriculum includes writing for practical situations and using effective written language for the following: writing business letters, inquiries and requests; preparing letters of application, application forms and taking notes. Emphasis is on use of correct spelling; use of appropriate vocabulary; use of appropriate punctuation; use of grammatically correct spelling, effective use of paragraphs, practice in legible handwriting and practice in TAKS test writing. A good course for those students who have not passed ELA TAKS.

**Creative Writing**

This course will provide a writing workshop for those students interested in the creative aspect of writing. The student will analyze various literary works in different genres. Original works will be produced by the student in the form of short stories, plays, poems, and various non-fiction pieces. Opportunities will be offered to students who wish to have their work published.
### BIBLE LITERATURE AND HISTORY - 05453
- **Prerequisite**: LPAC Decision
- **Credit**: 1
- **Grade Level**: 9-12
- **Course Length**: Year

The old and new testament are studied from a historical perspective, following federal and state guidelines in maintaining religious neutrality and accommodating diverse religious views, traditions, and perspectives. Students will analyze literary forms and contents of the Bible so they have a better understanding of its influences on literature, art, culture, law, government, customs, morals, and values. Students selecting this elective should demonstrate strong motivation and high ability in reading, writing analysis, researching, speaking and listening.

### ENGLISH I FOR SPEAKERS OF OTHER LANGUAGES - 05513
- **Prerequisite**: LPAC Decision
- **Credit**: 1 Each
- **Grade Level**: 9-12
- **Course Length**: Year

These courses are designed for students who have a primary language other than English. These two courses may take the place of regular English I and II.

### ENGLISH II FOR SPEAKERS OF OTHER LANGUAGES - 05523
- **Prerequisite**: LPAC Decision
- **Credit**: 1 Each
- **Grade Level**: 9-12
- **Course Length**: Year

### COMMUNICATION APPLICATIONS - 05613
- **Prerequisite**: None
- **Credit**: ½
- **Grade Level**: 9-12
- **Course Length**: Semester

Communication Applications emphasizes the application of communication skills in business, professional, and social settings. This course includes oral presentations. It concentrates on the communication process, interpersonal communication, and group communication. **This course is required for graduation in Texas.**

### STUDENT LEADERSHIP - 05623
- **Prerequisite**: Class Officer / Admissions Committee Approval
- **Credit**: 1
- **Grade Level**: 9-12
- **Course Length**: Year

This course provides an opportunity to study, practice, and develop group and individual leadership skills. Skills that are developed include: leadership roles, interpersonal relations, civic responsibility, decision making, problem solving and improved communication. This is a hands-on, lab-oriented approach to leadership by involving students in participatory leadership through project planning and implementation. A maximum of one state credit will be awarded.

### DEBATE I - 05703
- **Prerequisite**: Admissions Committee Approval
- **Credit**: 1
- **Grade Level**: 9-12
- **Course Length**: Year

Students are required to attend a minimum of five tournaments on weekends. Extensive research/writing, thorough preparation, and interpersonal cooperation are required within this course. Debate is designed to teach the student how to participate as a member of a team in the rational and orderly exchange of ideas and arguments as they relate to significant governmental and social issues. All debates are argued in an affirmative/negative (for/against) timed debate format.

Students are given opportunities to compete in Cross-examination (policy) debate, Lincoln-Douglas (philosophy) debate, and Extemporaneous speaking (current events issues). Students must participate in extra-curricular competitions so they can practice their debating skills.

### DEBATE II ADVANCED - 05713
- **Prerequisite**: Debate I / Admissions Committee Approval / See Advanced Criteria
- **Credit**: 1 Each
- **Grade Level**: 10-12
- **Course Length**: Year

This is a debate class and all participants are required to debate throughout the year. All participants are REQUIRED to debate at tournaments at least once each six weeks. There are no exceptions. This course continues to refine students’ skills in debate. As in all advanced classes, content is differentiated, and students are expected to work more independently. Students may choose to specialize in CX or LD debate and must also choose an Individual Speaking event to specialize in for competitive purposes. **Students may NOT self-elect out of this course at any time during the school year because there is no equivalent level course available.**

### DEBATE III ADVANCED - 05723
- **Prerequisite**: Debate I / Admissions Committee Approval / See Advanced Criteria
- **Credit**: 1 Each
- **Grade Level**: 10-12
- **Course Length**: Year

This is a debate class and all participants are required to debate throughout the year. All participants are REQUIRED to debate at tournaments at least once each six weeks. There are no exceptions. This course continues to refine students’ skills in debate. As in all advanced classes, content is differentiated, and students are expected to work more independently. Students may choose to specialize in CX or LD debate and must also choose an Individual Speaking event to specialize in for competitive purposes. **Students may NOT self-elect out of this course at any time during the school year because there is no equivalent level course available.**

### BIBLE LITERATURE AND HISTORY (cont.)
INDEPENDENT STUDY IN SPEECH / DEBATE IV ADVANCED - 05733

Prerequisite Credit Grade Level Course Length
Debate III / Admissions Committee Approval / See Advanced Criteria 1 12 Year

This course continues to refine students’ skills in debate. As in all advanced classes, content is differentiated, and students are expected to work more independently. There is required participation in tournament competition. **Students may NOT self-elect out of this course at any time during the school year because there is no equivalent level course available.**

Elective State Credit

JOURNALISM - 05803

Prerequisite Credit Grade Level Course Length
None 1 9-12 Year

This course provides an introduction to the study of mass print media. Students will study the basic features of journalistic writing with an emphasis on effective writing skills for news, features, editorials and sports. Advertising and design concepts will also be an integral part of this course. In addition, computer skills must be applied for implementation of assignments. This course requires a great deal of writing and editing and rewriting news, feature, editorial and sports articles.

Elective State Credit

YEARBOOK I - 05813

Prerequisite Credit Grade Level Course Length
Admissions Committee Approval 1 10-12 Year

This course involves an accelerated exposure to journalistic practices with an emphasis on writing feature stories and doing layouts for the yearbook. Students will learn and use desktop publishing skills to publish the yearbook and should like to write. Selling advertising and creating ads are required. This also requires outside class time.

Elective State Credit

YEARBOOK II - 05823

YEARBOOK III - 05833

Prerequisite Credit Grade Level Course Length
Yearbook I / Admissions Committee Approval 1 Each 11-12 Year

This course requires students to assume leadership roles in planning, designing, producing, and selling advertisements for the school yearbook. The course requires work after school. Students will also continue to develop desktop publishing skills.

Elective State Credit

NEWSPAPER I - 05913

Prerequisite Credit Grade Level Course Length
Admissions Committee Approval 1 10-12 Year

This course is a comprehensive study of journalism designed to cover all aspects of the subject in preparation for work on the school newspaper. It includes: study of mass media in society, journalism history, understanding of First Amendment and exposure to journalistic ethics. Students will learn principles of interviewing, writing (news, features, sports, editorials and columns), headline writing, editing, layout, advertising and circulation. Class members should like to write publishable stories for the school newspaper. Selling advertising and creating ads are required. This also requires outside class time.

Elective State Credit

NEWSPAPER II - 05923

NEWSPAPER III - 05933

Prerequisite Credit Grade Level Course Length
Newspaper I / Admissions Committee Approval 1 Each 11-12 Year

This course involves the production of the school newspaper. Staff will organize, sell and design advertising while also writing, editing, and producing the layout of the school newspaper. This course requires work after school. Students are expected to cover extracurricular activities from time to time for the newspaper.

Elective State Credit
This course involves students taking all the pictures for the school newspaper and the school yearbook. The first six weeks of class time is devoted to studying photography and its importance along with techniques of composition and creative expression along with photo assignments for both student publications. **Each student must provide their own 35 mm camera. A 35 mm camera can be purchased at a cost of approximately $35.00.** Film and processing will be provided by the Journalism Department. This course requires a great deal of after school commitment. Selling advertising the first six weeks is required to cover the cost of film and processing charges.

**Elective State Credit**

**READING IMPROVEMENT I - 06213**  
Prerequisite: None  
Credit: ½ Each  
Grade Level: 9-12  
Course Length: Semester  
This class offers instruction in word recognition, comprehension strategies, and vocabulary to ensure that students have an opportunity to read and write with competence, confidence, and understanding. For the dyslexic student, "Read Naturally" will be used and the goal is for the students to acquire the skills necessary to be on grade level in reading, writing and spelling. Students who are newly identified as dyslexic will be placed in this course.

**SAT PREPARATIONS - 06413**  
Prerequisite: None  
Credit: ½  
Grade Level: 10-12  
Course Length: Semester  
This class provides information and test taking skills for those students preparing to take the SAT test. The curriculum includes English language arts, math, and writing skills that students will encounter when taking this college preparatory test.

**INDEPENDENT STUDY / YEARBOOK - 06423**  
Prerequisite: 2 Yrs. of Yearbook and Admissions Committee Approval  
Credit: 1  
Grade Level: 11-12  
Course Length: Year  
This course involves editor duties associated with the school yearbook along with individual projects assigned by the teacher.

**INDEPENDENT STUDY / NEWSPAPER - 06433**  
Prerequisite: 2 Yrs. of Newspaper and Admissions Committee Approval  
Credit: 1  
Grade Level: 11-12  
Course Length: Year  
This course involves editor duties associated with the school newspaper along with individual projects assigned by the teacher.

**DUAL CREDIT ENGLISH IV - A.M. - 06513 (PERIODS 1 & 5 BOTH SEMESTERS)**  
Prerequisite: Passing Entrance Test Scores As Determined By Lone Star College and MHS Approval Is Required. See Dual Credit Criteria.  
Credit: 1  
Grade Level: 12  
Course Length: Year  
This course will be offered in conjunction with Lone Star College. The course will fulfill high school graduation requirements and also provide college credit. Students are responsible for all fees (approximately $255.00 for each course), tuition and books, and to provide their own transportation. Minimum enrollment is required. Students that meet the requirements set forth by Lone Star College may qualify for 3 hours college credit for each course - **ENGLISH 1301/ ENGLISH 1302.** Students must pass both English 1301 & 1302 to be awarded English IV state credit.

**English State Credit**
For the Recommended or the Distinguished Achievement Program, Algebra I, Geometry and Algebra II are required.

<table>
<thead>
<tr>
<th>9th Grade Course</th>
<th>10th Grade Course</th>
<th>11th Grade Course</th>
<th>12th Grade Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra I (Daily)</td>
<td>Geometry</td>
<td>Mathematical Models with Applications</td>
<td>Algebra II</td>
</tr>
<tr>
<td>Algebra I (Daily) or Algebra I</td>
<td>Geometry</td>
<td>Algebra II</td>
<td>Advanced Quantitative Reasoning (AQR)</td>
</tr>
<tr>
<td>Algebra I</td>
<td>Adv Geometry</td>
<td>Adv Algebra II</td>
<td>Pre-Calculus</td>
</tr>
<tr>
<td>Geometry or Adv Geometry</td>
<td>Algebra II or Adv Algebra II</td>
<td>Pre-Calculus</td>
<td>DC College Algebra &amp; Trigonometry</td>
</tr>
<tr>
<td>Geometry or Adv Geometry</td>
<td>Algebra II or Adv Algebra II</td>
<td>DC College Algebra &amp; Trigonometry</td>
<td>DC College Algebra &amp; Statistics</td>
</tr>
</tbody>
</table>

AP Statistics and DC College Algebra & Trigonometry can be taken concurrently with Pre-Calculus. DC College Algebra & Statistics can be taken concurrently with Pre-Calculus in the 12th grade.

**NOTE: Students who take AP Statistics should not take DC Statistics or vice versa.**

**ALGEBRA I (DAILY)/ ALGEBRA LAB – 10113 (2 PERIODS)**

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suggested For Students With An 84 or Below In 8th Grade Math or Counselor Placement</td>
<td>2</td>
<td>9-12</td>
<td>Year</td>
</tr>
</tbody>
</table>

In Algebra I, students build on foundations from grades 6-8 maths which provide a foundation in linear relationships, number and operations, and proportionality. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.

1 Math State Credit & 1 Local Elective Credit
In Algebra I, students build on foundations from grades 6-8 maths which provide a foundation in linear relationships, number and operations, and proportionality. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.

Math State Credit

GEOMETRY - 10213

In Geometry, students build on the foundations from K-8 and Algebra I. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence, similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. Though this course is primarily Euclidean geometry, students should complete the course with an understanding that non-Euclidean geometries exist. Students will strengthen their mathematical reasoning skills in geometric contexts.

Math State Credit

ADVANCED GEOMETRY - 10223

In Geometry, students build on the foundations from K-8 and Algebra I. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence, similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. Though this course is primarily Euclidean geometry, students should complete the course with an understanding that non-Euclidean geometries exist. Students will strengthen their mathematical reasoning skills in geometric contexts. Curriculum in this advanced course is modified through depth, complexity, and pacing as compared to the curriculum in the similar level course.

Math State Credit

MATHEMATICAL MODELS WITH APPLICATIONS (MMA) - 10313

In MMA, students build on foundations from K-8, Algebra I, and Geometry. This course provides a path for students to succeed in Algebra II. Students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social science. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, to solve problems, and to communicate solutions. Students will select from tools such as physical objects, manipulatives, technology, paper/pencil, and from methods such as algebraic techniques, geometric reasoning, patterns, and mental math to solve problems. **Students that have earned credit in Algebra II do NOT qualify for this class.**

Math State Credit

ALGEBRA II - 10413

In Algebra II, students build on the foundations from K-8, Algebra I, and Geometry. Students broaden their knowledge of quadratic functions, exponential functions and systems of equations. They study logarithmic, square root, cubic, cube root, absolute value, rational functions and their related equations. Students connect functions to their inverses and to their associated equations and solutions in both mathematical and real world situations. In addition, students extend their knowledge of data analysis and numeric and algebraic methods.

Math State Credit
## Advanced Algebra II - 10423

**Prerequisite**
Suggested Grade of 85 or Higher In Advanced Geometry or 95 or Higher

**Credit** | **Grade Level** | **Course Length**
--- | --- | ---
1 | 10-12 | Year

**In Geometry / See Advanced Criteria**
In Algebra II, students build on the foundations from K-8, Algebra I, and Geometry. Students broaden their knowledge of quadratic functions, exponential functions and systems of equations. They study logarithmic, square root, cubic, cube root, absolute value, rational functions and their related equations. Students connect functions to their inverses and to their associated equations and solutions in both mathematical and real world situations. In addition, students extend their knowledge of data analysis and numeric and algebraic methods. Curriculum in this advanced course is modified through depth, complexity, and pacing as compared to the curriculum in the similar level course.

**Math State Credit**

## Advanced Quantitative Reasoning (AQR) - 10513

**Prerequisite**
Algebra II Credit

**Credit** | **Grade Level** | **Course Length**
--- | --- | ---
1 | 12 | Year

**In AQR, students build on the foundations from K-8, Algebra I, Geometry, and Algebra II. AQR is an engaging and rigorous course that prepares students for a range of future options in non-mathematics-intensive college majors. The course emphasizes statistics and financial applications, and it prepares students to use algebra, geometry, trigonometry, and discrete mathematics to model a range of situations and solve problems. The course offers student activities in a range of applied contexts and helps students develop college and career readiness skills such as collaborating, conducting research, and making presentations.**

**Math State Credit**

## Pre-Calculus - 10613

**Prerequisite**
Suggested Grade of an 80 or Higher In Algebra II / See Advanced Criteria

**Credit** | **Grade Level** | **Course Length**
--- | --- | ---
1 | 11-12 | Year

Pre-calculus is the preparation for AP Calculus or college-level calculus. In pre-calculus, students deepen their understanding of algebra and extend their ability to apply algebra concepts and procedures at higher conceptual levels, as a tool for future study in mathematics. The course takes a functional point of view towards topics and is designed to strengthen and enhance conceptual understanding and mathematical reasoning used when modeling and solving mathematical and real-world problems. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology such as graphing calculators to build understanding, make connections between representations, and provide support in solving problems. **Students may NOT self-elect out of this course at any time during the school year because there is no equivalent on-level course available. This course receives advanced weighting.**

**Math State Credit**

## AP Calculus AB - 10643

**Prerequisite**
Suggested Grade of 80 or Higher In Pre-Calculus or 80 or Higher In College Algebra & Trigonometry (Dual Credit) / See AP Criteria

**Credit** | **Grade Level** | **Course Length**
--- | --- | ---
1 | 12 | Year

AP Calculus AB topics include analyses of graphs, limits of functions, asymptotic and unbounded behavior, continuity as a property of functions, concept of the derivative, derivative at a point, derivative as a function, second derivatives, applications and computation of derivatives, interpretation and properties of definite integrals, applications of integrals, the Fundamental Theorem of Calculus, techniques and applications of anti-differentiation, and numerical approximations to definite integrals. Use of the graphing calculator is an integral part of this class. Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89.00. Students who successfully complete the course and exam may receive credit and/or advanced placement for a one-semester introductory college calculus course (Calculus I).

**Students may NOT self-elect out of this course at any time during the school year because there is no equivalent on-level course available.**

**Math State Credit**
### COLLEGE ALGEBRA (DUAL CREDIT) / TRIGONOMETRY (DUAL CREDIT) - 10713

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra II Credit and Testing Requirements Met By January 31st / May Be Taken Concurrently With Pre-Calculus / See Dual Credit Criteria</td>
<td>1</td>
<td>11-12</td>
<td>Year</td>
</tr>
</tbody>
</table>

College Algebra topics include absolute value and quadratic equations and inequalities, graphing skills, inverse functions, logarithmic and exponential functions, polynomial and rational functions, piecewise-defined functions, theory of equations and systems of equations. Trigonometry topics include trigonometric functions and their applications, solutions of right and oblique triangles, trigonometric identities and equations, inverse trigonometric functions and graphs of the trigonometric functions. Students that meet the requirements set forth by Lone Star College (application, pre-test, and payment per semester) may qualify for 6 hours of college credit - MATH 1314 and MATH 1316. Students are required to purchase an access code for each course, which includes the online homework assignments and a virtual textbook (approximately $80 per semester). A graphing calculator is used as an integral part of this course. Tuition and fees for dual credit courses are determined by Lone Star College. The 2011-2012 cost per semester for a 3-hour course was $60.

**Math State Credit**

### PRE-CALCULUS (DUAL CREDIT) / STATISTICS (DUAL CREDIT) - 10833

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Algebra &amp; Trigonometry (Dual Credit) Credit or Testing Requirements Met By January 31st / See Dual Credit Criteria</td>
<td>1</td>
<td>12</td>
<td>Year</td>
</tr>
</tbody>
</table>

Pre-Calculus is an integrated treatment of the concepts necessary for calculus, emphasizing elementary functions and their graphs, including polynomial, rational, exponential, logarithmic, and trigonometric functions, also includes topics from analytic geometry. Statistics topics include probability, random variable, binomial and normal distribution, random sampling, statistical inference, estimation, testing hypotheses, linear regressions and correlation, and chi-square test. Students that meet the requirements set forth by Lone Star College (application, pre-test, and payment per semester) may qualify for 7 hours of college credit – MATH 2412 AND MATH 1342. Students are required to purchase an access code for each course, which includes the online homework assignments and a virtual textbook (approximately $80 per semester). A graphing calculator is used as an integral part of this course. Tuition and fees for dual credit courses are determined by Lone Star College. The 2011-2012 cost per semester for a 3-hour course was $60.

**Math State Credit**

### COLLEGE ALGEBRA (DUAL CREDIT) / STATISTICS (DUAL CREDIT) - 10823

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra II Credit &amp; Testing Requirements / May Be Taken Concurrently With Pre-Calculus / See Dual Credit Criteria</td>
<td>1</td>
<td>12</td>
<td>Year</td>
</tr>
</tbody>
</table>

College Algebra topics include absolute value and quadratic equations and inequalities, graphing skills, inverse functions, logarithmic and exponential functions, polynomial and rational functions, piecewise-defined functions, theory of equations and systems of equations. Statistics topics include probability, random variable, binomial and normal distribution, random sampling, statistical inference, estimation, testing hypotheses, linear regressions and correlation, and chi-square test. Students that meet the requirements set forth by Lone Star College (application, pre-test, and payment per semester) may qualify for 6 hours of college credit - MATH 1314 and MATH 1342. Students are required to purchase an access code for each course, which includes the online homework assignments and a virtual textbook (approximately $80 per semester). A graphing calculator is used as an integral part of this course. Tuition and fees for dual credit courses are determined by Lone Star College. The 2011-2012 cost per semester for a 3-hour course was $60.

**Math State Credit**

### AP STATISTICS - 10813

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suggested Grade of 80 or Higher In Advanced Algebra II or 90 or Higher In Algebra II / May Be Taken Concurrently With Pre-Calculus / See AP Criteria</td>
<td>1</td>
<td>11-12</td>
<td>Year</td>
</tr>
</tbody>
</table>

This course will introduce the students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to the themes of exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Use of the graphing calculator is an integral part of this class. Students who successfully complete the course and exam may receive credit and/or advanced placement for a one-semester introductory college statistics course. Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89. Students may NOT self-elect out of this course at any time during the school year because there is no equivalent on-level course available.

**Math State Credit**
**If you plan to graduate on the Distinguished Graduation Plan (refer to page 5), then you MUST take biology or advanced biology your 9th grade year.

## Science Course Selection Advisement

<table>
<thead>
<tr>
<th>Student presently in...</th>
<th>Earning grades of...</th>
<th>Recommended to take...</th>
</tr>
</thead>
<tbody>
<tr>
<td>8th Grade Science and 8th Grade Math</td>
<td>100-86</td>
<td>Advanced Biology</td>
</tr>
<tr>
<td></td>
<td>100-70</td>
<td>Biology</td>
</tr>
<tr>
<td>8th Grade Science and Algebra I</td>
<td>100-86</td>
<td>Advanced Biology</td>
</tr>
<tr>
<td></td>
<td>100-70</td>
<td>Biology</td>
</tr>
<tr>
<td>9th Grade Biology</td>
<td>100-86</td>
<td>Advanced Chemistry</td>
</tr>
<tr>
<td></td>
<td>100-75</td>
<td>Chemistry</td>
</tr>
<tr>
<td></td>
<td>74-70</td>
<td>IPC</td>
</tr>
<tr>
<td>9th Grade Advanced Biology</td>
<td>100-86</td>
<td>Advanced Chemistry</td>
</tr>
<tr>
<td></td>
<td>100-70</td>
<td>Chemistry</td>
</tr>
<tr>
<td>10th Grade IPC</td>
<td>100-86</td>
<td>Advanced Chemistry</td>
</tr>
<tr>
<td></td>
<td>100-70</td>
<td>Chemistry</td>
</tr>
<tr>
<td>10th or 11th Grade Chemistry</td>
<td>100-86</td>
<td>Advanced Physics</td>
</tr>
<tr>
<td></td>
<td>100-70</td>
<td>Physics</td>
</tr>
<tr>
<td>10th or 11th Grade Advanced Chemistry</td>
<td>100-86</td>
<td>Advanced Physics</td>
</tr>
<tr>
<td></td>
<td>100-70</td>
<td>Physics</td>
</tr>
<tr>
<td>11th Grade Physics</td>
<td>100-86</td>
<td>AP Chemistry, AP Physics, AP Biology,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AP Environmental Science, Anatomy/Physiology</td>
</tr>
<tr>
<td></td>
<td>100-70</td>
<td>Environmental Systems, Anatomy/Physiology</td>
</tr>
<tr>
<td>11th Grade Advanced Physics</td>
<td>100-86</td>
<td>AP Chemistry, AP Physics, AP Biology,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AP Environmental Science, Anatomy/Physiology</td>
</tr>
<tr>
<td></td>
<td>100-70</td>
<td>Environmental Systems, Anatomy/Physiology</td>
</tr>
</tbody>
</table>

### INTEGRATED PHYSICS AND CHEMISTRY – 15113

**Prerequisite**
None

**Credit** 1  
**Grade Level** 10  
**Course Length** 1 Year

Introduces the student to the basic concepts of physics and chemistry. Topics include safety, scientific methods, measurement, mechanics, optics, acoustics, electricity, magnetism and the basic concepts of general chemistry.

**Science State Credit**

### BIOLOGY - 15213

**Prerequisite**
None

**Credit** 1  
**Grade Level** 9-12  
**Course Length** 1 Year

Students will expand their knowledge of scientific processes as they apply to the nature of living systems. Extensive discussions and many lab activities relating to biology concepts, terms and theories provide a foundation for understanding the living world.

**Science State Credit**
ADVANCED BIOLOGY - 15223
Prerequisite
See Advanced Criteria / Admissions Committee Approval
Credit 1
Grade Level 9-12
Course Length Year
Advanced Biology is a course designed to prepare students for Advanced Placement Biology. The class is lab-oriented and designed to provide an introduction to biological topics stressed in the advanced placement course. Students will learn process skills involved in scientific problem solving which will allow them to become self-starters and independent workers in the AP course. Areas stressed will be molecular biology, environmental science, and phylogeny. All laboratory exercises are designed to reinforce concepts and process skills.

AP BIOLOGY - 15233
Prerequisite Biology / Chemistry / Admissions Committee Approval / See AP Criteria
Credit 1
Grade Level 11-12
Course Length Year
This course is the equivalent of college freshman biology and the rigor is comparable to a class for biology majors. Students will be expected to perform at the college level. Areas addressed are prescribed in the College Board publication, Advanced Placement Course description: Biology. Laboratory exercises are designed to encourage independent study as well as reinforce concepts and process skills. Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89.00. Colleges may award credit based on the score of the AP Exam. Students may NOT self-elect out of this course at any time during the school year because there is no equivalent level course available.

CHEMISTRY - 15313
Prerequisite Biology
Credit 1
Grade Level 10-12
Course Length Year
This course is designed to give a basic knowledge of atomic structure as it relates to the chemical behavior of elements. Laboratory activities are utilized in helping students understand chemistry.

ADVANCED CHEMISTRY - 15323
Prerequisite Biology and Algebra II (Algebra II may be taken concurrently) / See Advanced Criteria
Credit 1
Grade Level 10-12
Course Length Year
Students will study the structured properties of matter with a strong emphasis on the mathematics of chemistry.

AP CHEMISTRY - 15333
Prerequisite Chemistry / Algebra II / See AP Criteria / Admissions Committee Approval
Credit 1
Grade Level 11-12
Course Length Year
Students will study the structured properties of matter with a strong emphasis on the mathematics of chemistry. Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89.00. Colleges may award credit based on the score of the AP Exam. Students may NOT self-elect out of this course at any time during the school year because there is no equivalent level course available.

PHYSICS - 15413
Prerequisite Algebra II / Biology
Credit 1
Grade Level 10-12
Course Length Year
Physics explores the interrelationship between matter and energy. This course requires a strong mathematics background because mathematics is the language used to describe abstract ideas. Topics will include motion, force, vector analysis, thermodynamics, work, and waves. Process skill acquisition and problem solving will be stressed.
ADVANCED PHYSICS - 15423  
Prerequisite  
Adv Algebra II or Concurrent Enrollment / Admissions Committee Approval  

Credit  Grade Level  Course Length
1  10-12  Year

Strong mathematical principles are a requirement for this course. Topics to be discussed would be electricity, light, sound, magnetism and mechanics. Laboratory experiences are analytically based and relate directly to current classroom topics.  

Science State Credit

AP PHYSICS B - 15433  
Prerequisite  
Physics or Adv Physics / Pre-Calculus / Admissions Committee Approval / See AP Criteria  

Credit  Grade Level  Course Length
1  11-12  Year

AP Physics B is a college level physics course covering mechanics, heat, electricity, and magnetism, waves, light and sound. This course is an excellent opportunity for students considering a career in science or engineering fields. Problem solving will be rigorous. A variety of hands-on laboratory investigations and inquiry activities will be included. Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89.00. Colleges may award credit based on the score of the AP Exam. **Students may NOT self-elect out of this course at any time during the school year because there is no equivalent level course available.**  

Science State Credit

ANATOMY & PHYSIOLOGY - 15513  
Prerequisite  
Biology / Chemistry or Concurrent Enrollment In Chemistry  

Credit  Grade Level  Course Length
1  11-12  Year

This health science technology course is designed to provide a comparative study of the physiological processes and anatomical structures of humans. Systems emphasized in this study are the integumentary, skeletal, muscular, digestive, cardiovascular, nervous, endocrine, respiratory, lymphatic, immune, urinary and reproductive systems. Students will develop the process skills necessary for detailed dissection. Laboratory exercises emphasize and reinforce concepts and process skills. (Some colleges may not recognize this class as a science unit.) This course counts as an elective science credit, it also applies to the science requirements for the RHSP or DAP. **A prior or concurrent chemistry class is advisable.**  

Science State Credit

ENVIRONMENTAL SYSTEMS - 15613  
Prerequisite  
Biology / IPC or Chemistry  

Credit  Grade Level  Course Length
1  11-12  Year

In Environmental Systems, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include ecosystems, biomes, and sources and flow of energy through an environmental system. Students will examine the impact of human activity on the environment, use and conservation of resources, and pollution. Careers in environmental science will also be explored.  

Science State Credit

AP ENVIRONMENTAL SCIENCE – 15623  
Prerequisite  
Biology / Chemistry or Concurrent Enrollment In Chemistry / See AP Criteria / Admissions Committee Approval  

Credit  Grade Level  Course Length
1  11-12  Year

AP Environmental Science is a laboratory and field-based course designed to provide students with scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving them. Laboratory and field investigations are diverse and interwoven into the curriculum. Lab fees for the class are approximately $45.00. Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89.00. Colleges may award credit based on the score of the AP Exam. **Students may NOT self-elect out of this course at any time during the school year because there is no equivalent level course available.**  

Science State Credit
WORLD GEOGRAPHY STUDIES - 20113
Prerequisite: None
Credit: 1
Grade Level: 9
Course Length: Year
This course is designed to provide students an opportunity to study the world in which they live. The material focuses on regional studies of the five themes of geography. Students gain an understanding of geographical terms, develop map skills, locate and study different landforms and regions of the world, and learn how people and geography affect each other. Students also learn how people adapt to and change the world around them.

Social Studies State Credit

ADVANCED WORLD GEOGRAPHY STUDIES - 20123
Prerequisite: Admissions Committee Approval / See Advanced Criteria
Credit: 1
Grade Level: 9
Course Length: Year
This course is designed to exceed the requirements of level world geography studies with its in-depth analysis of how people interact with their geography. Analysis based on geographic skills will extend to contemporary areas of concern such as: regional conflicts, world population growth, global pollution, energy resources, world hunger, diseases and their spread, etc. Students will participate in independent research, guided discussion, outside reading, oral presentations, simulations, and various media presentations. Note: Since this course has a substantial writing component, strong writing skills are required. Essays comprise a significant portion of the course average. Comprehensive reading skills are also a must.
Social Studies State Credit

AP HUMAN GEOGRAPHY - 20133
Prerequisite: World Geography Studies or Advanced World Geography Studies / See AP Criteria
Credit: ½
Grade Level: 11-12
Course Length: Semester
The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Students also learn about the methods and tools geographers use in their science and practice. Geographic concepts emphasized throughout the course are: location, space, place, scale, pattern, regionalization and globalization. These concepts are fundamental to students' understanding spatial interaction and behavior, the dynamics of population growth/movement, economic use of the Earth, political organization, and settlement patterns (especially urbanization). Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89.00. Colleges may award credit based on the score of the AP Exam. Students may NOT self-elect out of this course at any time during the school year because there is no equivalent level course available. NOTE: Since this course has a substantial writing component, strong writing skills are required. Essays comprise a significant portion of the course average. Comprehensive reading skills are required.
Social Studies State Credit

WORLD HISTORY - 20213
Prerequisite: None
Credit: 1
Grade Level: 10
Course Length: Year
A history of the world from primitive man in Egypt, China, India, Africa and America to: the Greek and Roman periods; the Age of Monarch, Industrial Progress, era of revolution, Nationalism and Imperialism up; the present events in history.
Social Studies State Credit

AP WORLD HISTORY - 20223
Prerequisite: Admissions Committee Approval / See AP Criteria
Credit: 1
Grade Level: 10
Course Length: Year
This course is designed for honor students who want an enriched and challenging history course while meeting the state course requirements. The course curriculum also incorporates the College Board Advanced Placement World History standards. The approach to the history of the world will be global, comparative and analytical. It will mean a commitment by students to a summer reading project and extensive reading, writing and research during the school year. Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89.00. Colleges may award credit based on the score of the AP Exam. NOTE: Since this course has a substantial writing component, strong writing skills are required. Essays comprise a significant portion of the course average. Comprehensive reading skills are required.
Social Studies State Credit
UNITED STATES HISTORY SINCE RECONSTRUCTION - 20313

Prerequisite: None
Credit: 1
Grade Level: 11
Course Length: Year

Students will study the rise of "big business," the settling of the "last frontier," the Progressive Movement, U.S. expansion overseas, and U.S. involvement in WWI. Students will study the Roaring Twenties, the Great Depression, U.S. involvement in WWII, and the political and social history of post-war America, and the entrance into the Space Age. It also includes the Vietnam War and post-Vietnam social and political developments, as well as the U.S. emergence as a superpower and its involvement in international political affairs.

Social Studies State Credit

AP UNITED STATES HISTORY - 20323

Prerequisite: Admissions Committee Approval / See AP Criteria
Credit: 1
Grade Level: 11
Course Length: Year

This course is designed to provide students with the analytical skills and factual knowledge necessary to critically analyze the problems and historical resources of American history. Students will learn to assess historical materials to determine their relevance to a given problem, and to evaluate the reliability and importance of selected materials. Students will develop skills necessary to make informed judgments and to present reasons and evidence clearly and persuasively in essay format.

This course of study is the equivalent of a 2-semester college introductory course with a college textbook and college expectations and is available to students interested in taking the Advanced Placement examination in American History. The purchase of additional materials is required. Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89.00. Colleges may award credit based on the score of the AP Exam. This course may be used to meet either the course requirement for U.S. History for state graduation or elective course requirements.

NOTE: Since this course has a substantial writing component, strong writing skills are required. Essays comprise 50% of the course average. Comprehensive reading skills are also a must.

Social Studies State Credit

DUAL CREDIT U.S. HISTORY A.M. – 20343 (PERIODS 1 & 5 BOTH SEMESTERS)
DUAL CREDIT U.S. HISTORY P.M. – 20353 (PERIODS 4 & 8 BOTH SEMESTERS)

Prerequisite: Passing Entrance Tests Scores As Determined By Lone Star College / MHS Approval Is Required / See Dual Credit Criteria
Credit: 1
Grade Level: 12
Course Length: Year

This course covers the history of the United States from discovery until the present. This course will be offered in conjunction with Lone Star College. The course will fulfill high school graduation requirements and also provide college credit. Students are responsible for all fees, tuition and books, and to provide their own transportation. Minimum enrollment is required. Students that meet the requirements set forth by Lone Star College may qualify for 3 hours college credit for each course – 1301 and 1302. Students must pass both, U.S. History 1301 & 1302, to be awarded U.S. History credit.

Social Studies State Credit

U.S. GOVERNMENT - 20413

Prerequisite: None
Credit: ½
Grade Level: 12
Course Length: Semester

This one-semester course is designed to prepare students for decision-making within the framework of the American political system. The course begins with an overview of basic concepts found in all political systems, the philosophical background that led to our constitutional development, and the basic concepts found in the Constitution. The three branches of the federal government, including current issues of interest nationally, will be studied. In addition, students survey the fields of civil rights and liberties, political parties and suffrage, and a study of the Texas Constitution, state and local government.

Social Studies State Credit
**AP U.S. GOVERNMENT – 20423**

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>See AP Criteria / Admissions Committee Approval</td>
<td>½</td>
<td>12</td>
<td>Semester</td>
</tr>
</tbody>
</table>

This course is intended for qualified students who wish to complete studies in secondary school equivalent to a one-semester college introductory course. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the Constitutional underpinnings of our government; a study of the formation of political beliefs and behaviors; recognition of the mechanisms that allow citizens to actively participate in the U.S. political system through political parties and special interest groups; an understanding of the institutions and policy processes of our national government; and development and understanding of issues involving civil liberties and civil rights. Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89.00. Colleges may award credit based on the score of the AP Exam. This course may be used to meet the course requirements in government for state graduation. The purchase of additional materials is required.

Emphasis is placed upon: the development and nature of the Constitution of the U.S.; a study of the Congress, Executive Branch, and Judicial Branch of Government; also rights of the states, political parties, election, civil rights, state and local government, as well as the study of free enterprise and its place in affecting local, state and national governments. **NOTE: Since this course has a substantial writing component, strong writing skills are required. Essays comprise 50% of the course average. Comprehensive reading skills are also a must. This course credit fulfills the state requirement for government.**

**Social Studies State Credit**

**AP GOVERNMENT & POLITICS: COMPARATIVE - 20433**

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP US History / US Government &amp; Politics (Recommended) / See AP Criteria / Admissions Committee Approval</td>
<td>½</td>
<td>12</td>
<td>Semester</td>
</tr>
</tbody>
</table>

The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. Comparison assists both in identifying problems and in analyzing policymaking. Careful comparison of political systems produces useful knowledge about the politics countries have effectively initiated to address problems, or, indeed, what they have done to make things worse. Students compare the effectiveness of policy approaches to poverty or overpopulation by examining how different countries solve similar problems. Furthermore, by comparing the political institutions and practices of wealthy and poor countries, students can begin to understand the political consequences of economic well-being. Finally, comparison assists explanation: Why are some countries stable democracies and not others? Why do many democracies have prime ministers instead of presidents?

In addition to covering the major concepts that are used to organize and interpret what we know about political phenomena and relationships, the course should cover specific countries and their governments. Six countries form the core of the AP Comparative Government and Politics course. China, Great Britain, Mexico, Nigeria, and Russia are all regularly covered in college-level introductory comparative politics courses. The inclusion of Iran adds a political system from a very important region of the world and one that is subject to distinctive political and cultural dynamics. By using these six core countries, the course can move the discussion of concepts from abstract definition to concrete example, noting that not all concepts will be equally useful in all country settings. Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89.00. Colleges may award credit based on the score of the AP Exam. **Students may NOT self-elect out of this course at any time during the school year because there is no equivalent level course available. This course does NOT fulfill the state requirement for a government credit. NOTE: Since this course has a substantial writing component, strong writing skills are required. Essays comprise 50% of the course average. Comprehensive reading skills are also a must.**

**Social Studies State Credit**
DUAL CREDIT GOVERNMENT – 20443 (PERIODS 1 & 5) OR 20453 (PERIODS 4 & 8) ONE SEMESTER

Prerequisite
Passing Entrance Tests Scores As Determined By Lone Star College / MHS Approval Is Required / See Dual Credit Criteria

This course will be offered in conjunction with Lone Star College. The course will fulfill high school graduation requirements and also provide college credit. Students are responsible for all fees, tuition and books, and to provide their own transportation. Minimum enrollment is required. Students that meet the requirements set forth by Lone Star College may qualify for 3 hours college credit for each course - GOVERNMENT 2301 and ECONOMICS 2301.

Social Studies State Credit

AP MICROECONOMICS - 20523
Prerequisite
Admissions Committee Approval / See AP Criteria

The purpose of an AP course in Microeconomics is to provide a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89.00. Colleges may award credit based on the score of the AP Exam. This course fulfills the state requirement for economics credit. Students may NOT self-elect out of this course at any time during the school year because there is no equivalent level course available.

Social Studies State Credit

AP MACROECONOMICS - 20533
Prerequisite
Admissions Committee Approval / See AP Criteria

An AP Course in Macroeconomics is designed to give you a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price determination, and also develops your familiarity with economic performance measures, economic growth, and international economics. Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89.00. Colleges may award credit based on the score of the AP Exam. This course fulfills the state requirement for economics credit. Students may NOT self-elect out of this course at any time during the school year because there is no equivalent level course available.

Social Studies State Credit

PSYCHOLOGY – 20613
Prerequisite

Emphasis is placed on the systematic and scientific study of the behavior and mental processes of human beings and other animals. Focus is placed on psychological facts, principles, and phenomena associated with each of the major subfields within psychology.

Elective State Credit
In addition to the courses listed in this section, Marching Band, Dance Team and JROTC I may substitute for state PE credits. Such substitutions shall be based upon the physical activity involved in marching band during the fall semester, athletics, dance team, and JROTC. Students planning to pursue athletics and/or athletic scholarships at the college level must be aware of core curriculum requirements. These students need to contact their coach for printed information regarding the core curriculum as defined by National Collegiate Athletic Association (NCAA). See pg. 25.

**9TH GRADE PHYSICAL EDUCATION 1 - 30003**

**9TH GRADE PHYSICAL EDUCATION 2 - 30013**

Students in these classes will be introduced to a variety of individual and team sports that can be pursued for a lifetime. Students will be encouraged to develop a health-related fitness program and an appreciation for teamwork and fair play. The activities will reinforce incorporating physical activity into a lifestyle beyond high school. Each course is a half-credit.

**Physical Education State Credit**
## Physical Education

**10th Grade Physical Education 1 - 30023**
**10th Grade Physical Education 2 - 30033**
**11th Grade Physical Education 1 - 30043**
**11th Grade Physical Education 2 - 30053**
**12th Grade Physical Education 1 - 30063**
**12th Grade Physical Education 2 - 30073**

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>½ Each</td>
<td>10-12</td>
<td>Semester</td>
</tr>
</tbody>
</table>

Students in these classes will continue to participate in individual and team sports. Sportsmanship and teamwork will be stressed. Maintaining good personal fitness throughout one's lifetime will be the focus of the courses. Each course is a half-credit.

### Physical Education State Credit

**Aerobic Movement - 30513**

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>1</td>
<td>9-12</td>
<td>Year</td>
</tr>
</tbody>
</table>

Students are introduced to the fundamentals and techniques of all disciplines of dance. Creative expression and interpretation through movement are explored. Students will be required to furnish apparel (leotard & black Capri pants). Approximate cost to student: $55.

### Physical Education State Credit

**Cheerleading I - 30613**
**Cheerleading II - 30623**
**Cheerleading III - 30633**
**Cheerleading IV - 30643**

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tryout / Current Varsity or Junior Varsity Cheerleader</td>
<td>½ Each</td>
<td>9-12</td>
<td>Fall Semester</td>
</tr>
</tbody>
</table>

All current Varsity and Junior Varsity Cheerleaders must participate. The cheerleading class provides opportunities for the cheerleaders to prepare for a plethora of fall activities. The MHS cheerleaders' responsibilities during the fall season include planning for pep rallies, choreographing routines, preparing for competition, maintaining good physical condition, and safely improving such skills as tumbling, stunting, and jumping.

### Physical Education State Credit

**Athletics - See Boys and Girls Charts for Course Number**

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tryouts / Coach Approval</td>
<td>1 State / 1 Local</td>
<td>9-12</td>
<td>Semester / Year</td>
</tr>
</tbody>
</table>

Athletic programs are available in baseball, basketball, cross country, football, golf, soccer, softball, tennis, track, volleyball and swim/diving. These programs are competitive sports regulated by the University Interscholastic League. Team selection may be team tryouts and coaching staff approval. Academic record and demeanor will be considered. It is mandatory for all athletes to be enrolled in their chosen sport each day. The class meeting consists of conditioning activities and skill development. In addition, participation in after-school practices and games are required. These programs may substitute for the 1.0 state credit required for physical education. A maximum of four (4) P.E. credits may be counted toward state graduation requirements. Additional athletic/P.E. credits will be awarded as local credits. **Athletics meets every day resulting in two (2) of the student's course choices.**

### Physical Education State Credit - (1) P.E. State Credit And One (1) Local Credit

| 1st Year Athletics PEIMS PES00000 |
| 2nd Year Athletics PEIMS PES00001 |
| 3rd Year Athletics PEIMS PES00002 |
| 4th Year Athletics PEIMS PES00003 |
| Local Credit PEIMS 84200001       |
# PHYSICAL EDUCATION (cont.)

## Boys' Athletics

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOOTBALL 9TH GRADE</td>
<td>9-12</td>
<td>45</td>
</tr>
<tr>
<td>BOYS' BASKETBALL 9TH GRADE</td>
<td>9-12</td>
<td>30103</td>
</tr>
<tr>
<td>BOYS' SOCCER 9TH GRADE</td>
<td>9-12</td>
<td>30123</td>
</tr>
<tr>
<td>BOYS' X-COUNTRY 9TH GRADE</td>
<td>9-12</td>
<td>30143</td>
</tr>
<tr>
<td>BOYS' SWIM 9TH GRADE</td>
<td>9-12</td>
<td>30203</td>
</tr>
<tr>
<td>BOYS' TENNIS 9TH GRADE</td>
<td>9-12</td>
<td>30223</td>
</tr>
<tr>
<td>BOYS' GOLF 9TH GRADE</td>
<td>9-12</td>
<td>30243</td>
</tr>
</tbody>
</table>

## Girls' Athletics

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOLLEYBALL 9TH GRADE</td>
<td>9-12</td>
<td>3003</td>
</tr>
<tr>
<td>GIRLS' BASKETBALL 9TH GRADE</td>
<td>9-12</td>
<td>30323</td>
</tr>
<tr>
<td>GIRLS' SOCCER 9TH GRADE</td>
<td>9-12</td>
<td>30343</td>
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<tr>
<td>SOFTBALL 9TH GRADE</td>
<td>9-12</td>
<td>30363</td>
</tr>
<tr>
<td>GIRLS' TRACK 9TH GRADE</td>
<td>9-12</td>
<td>30383</td>
</tr>
<tr>
<td>GIRLS' X-COUNTRY 9TH GRADE</td>
<td>9-12</td>
<td>30403</td>
</tr>
<tr>
<td>GIRLS' SWIM 9TH GRADE</td>
<td>9-12</td>
<td>30423</td>
</tr>
<tr>
<td>GIRLS' TENNIS 9TH GRADE</td>
<td>9-12</td>
<td>30443</td>
</tr>
<tr>
<td>GIRLS' GOLF 9TH GRADE</td>
<td>9-12</td>
<td>30463</td>
</tr>
</tbody>
</table>

## Off-Campus Physical Education

**OFF-CAMPUS PHYSICAL EDUCATION I – 31153**
**OFF-CAMPUS PHYSICAL EDUCATION II – 31163**
**OFF-CAMPUS PHYSICAL EDUCATION III – 31173**
**OFF-CAMPUS PHYSICAL EDUCATION IV – 31183**

**Prerequisite**
- Principal & District Approval

**Credit**
- 1 State / 1 Local

**Grade Level**
- 9-12

**Course Length**
- Semester / Year

The purpose of the Off-Campus P.E. program is to accommodate students who wish to participate in special and/or accelerated physical activities that go beyond those normally scheduled in the school district. The Off-Campus P.E. program paperwork may be obtained from the Counseling Center, and principal approval is required. This program may substitute for the 1.0 state credit required for physical education. A maximum of four (4) P.E. credits may be counted toward state graduation requirements. Additional athletic/P.E. credits will be awarded as local credits. **Fall deadline for paperwork:** August 03, 2012. **Spring deadline for paperwork:** November 30, 2012.
The following are general advisement guidelines to help you choose when to take your foreign language in high school. These suggestions are based on past student performance. They are only meant to be used as a general guideline. Foreign language courses can be very rigorous and require a great deal of self-discipline and commitment to study skills outside the classroom.

<table>
<thead>
<tr>
<th>Student presently in ...</th>
<th>Earning grades of...</th>
<th>Recommended to take...</th>
</tr>
</thead>
<tbody>
<tr>
<td>8th Grade English</td>
<td>100-85</td>
<td>Spanish I or French I</td>
</tr>
<tr>
<td></td>
<td>84 and below</td>
<td>Consider waiting to take foreign language until 10th grade year</td>
</tr>
<tr>
<td>8th Grade Resource English</td>
<td></td>
<td>ARD decision – consider waiting to take foreign language until 10th grade year</td>
</tr>
<tr>
<td>8th Grade English &amp; Spanish I</td>
<td>100-90</td>
<td>Advanced Spanish II</td>
</tr>
<tr>
<td></td>
<td>89-75</td>
<td>Spanish II</td>
</tr>
<tr>
<td></td>
<td>74-70</td>
<td>Spanish II will be very difficult, consider tutoring during the summer</td>
</tr>
<tr>
<td>Spanish I (9-11) or French I (9-11)</td>
<td>100-93</td>
<td>Advanced Spanish II or French II</td>
</tr>
<tr>
<td></td>
<td>92 - 76</td>
<td>Spanish II or French II</td>
</tr>
<tr>
<td></td>
<td>75-70</td>
<td>Spanish II, French II will be very difficult, consider tutoring during the summer</td>
</tr>
<tr>
<td>Advanced Spanish II or French II</td>
<td>100-80</td>
<td>Advanced Spanish III or Advanced French III</td>
</tr>
<tr>
<td>Spanish II or French II</td>
<td>100-80</td>
<td>Spanish III or Advanced French III</td>
</tr>
<tr>
<td></td>
<td>79 and below</td>
<td>Do not take the third level</td>
</tr>
<tr>
<td>Spanish III or Advanced French III</td>
<td>100-80</td>
<td>AP Spanish or AP French</td>
</tr>
<tr>
<td></td>
<td>79 and below</td>
<td>Do not take the fourth level</td>
</tr>
</tbody>
</table>

**SPANISH I - 40113**

**Prerequisite**

Grade of 85 or Better In Current English Class

Emphasis is placed upon speaking, understanding, reading, and writing the language. After successfully completing Spanish I, students will be able to communicate in simple Spanish. Recommendation for Spanish I students: An average of 85 in English and TAKS writing score of 80%.

**Foreign Language State Credit**

**SPANISH II - 40213**

**Prerequisite**

Spanish I

Emphasis is placed upon speaking, understanding, reading and writing the language and building upon Spanish I curriculum. After successfully completing Spanish II, students will be able to communicate in Spanish at a basic level.

**Foreign Language State Credit**
ADVANCED SPANISH II - 40223
Prerequisite: Spanish I / Admissions Committee Approval / See Advanced Criteria
Credit: 1
Grade Level: 9-12
Course Length: Year
In addition to the Spanish II curriculum, this course also introduces the subjunctive tense and more in-depth studies of grammar. Emphasis is placed upon using the language in class through presentations in order to expand skills in speaking, listening, reading and writing.

Foreign Language State Credit

SPANISH III - 40313
Prerequisite: Spanish II
Credit: 1
Grade Level: 10-12
Course Length: Year
Spanish III is designed to enrich and reinforce all levels of communication.

Foreign Language State Credit

ADVANCED SPANISH III - 40323
Prerequisite: Spanish II / Admissions Committee Approval / See Advanced Criteria
Credit: 1
Grade Level: 10-12
Course Length: Year
This course is a continuation of Advanced Spanish II. This course will continue studies to prepare the students for the College-Level Examination Program and for the College Board Advanced Placement Exam, which is to be taken after Spanish IV. Students are also taught to develop higher level thinking skills such as synthesis and analysis. Oral presentations and readings are emphasized.

Foreign Language State Credit

SPANISH IV - 40413
Prerequisite: Spanish III
Credit: 1
Grade Level: 11-12
Course Length: Year
This course is designed to maintain language skills through the study of Spanish literature and culture, discussions and presentations in the target language, and writing compositions in the target language.

Foreign Language State Credit

AP SPANISH LANGUAGE - 40423
Prerequisite: Spanish III / Admissions Committee Approval / See Advanced Criteria
Credit: 1
Grade Level: 11-12
Course Length: Year
This course will continue the skills necessary to prepare the students for the College Board Advanced Placement Exam. Besides practicing advanced grammar constructions, students will be introduced to readings in Hispanic literature as a source for new vocabulary, subjects for conversation and topics for essay writing. Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89.00. Colleges may award credit based on the score of the AP Exam. Students may NOT self-elect out of this course at any time during the school year because there is no equivalent level course available.

Foreign Language State Credit

FRENCH I - 41113
Prerequisite: Grade of 85 or Better In Current English Class
Credit: 1
Grade Level: 9-12
Course Length: Year
Understanding, speaking, reading, and writing beginning French using TPRS methodology. Includes culture of French-speaking peoples.

Foreign Language State Credit

FRENCH II - 41213
Prerequisite: French I
Credit: 1
Grade Level: 10-12
Course Length: Year
Emphasis is placed upon the extension of speaking, reading and writing of the skills learned in French I. Includes culture of French speaking peoples.

Foreign Language State Credit
ADVANCED FRENCH III - 41313
Prerequisite: French II / Admissions Committee Approval / See Advanced Criteria
French III students formalize the study of grammar, with the addition of "argot," or common slang. The study of francophone literature begins in earnest. Students may research the Internet for French language / culture sites and/or prepare web pages of their own. **Students may NOT self-eject out of this course at any time during the school year because there is no equivalent level course available.**
Foreign Language State Credit

AP FRENCH LANGUAGE - 41423
Prerequisite: French III / Admissions Committee Approval / See AP Criteria
This class will continue the skills necessary to prepare the students for the College Board Advanced Placement Exam. Besides practicing advanced grammar constructions, students will be introduced to readings in French literature as a source for new vocabulary, subjects for conversation and topics for essay writing. Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89.00. Colleges may award credit based on the score of the AP Exam. **Students may NOT self-eject out of this course at any time during the school year because there is no equivalent level course available.**
Foreign Language State Credit

**BAND**

<table>
<thead>
<tr>
<th>42013</th>
<th>Grade Level: 9-12</th>
</tr>
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<tbody>
<tr>
<td>1ST SEM PEIMS PES00012</td>
<td></td>
</tr>
<tr>
<td>2ND SEM PEIMS 03150100</td>
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</table>

**BAND I**
Credit: 1 Fine Arts State Credit
Prerequisite: Teacher Approval

<table>
<thead>
<tr>
<th>42023</th>
<th>Grade Level: 10-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>1ST SEM PEIMS PES00012</td>
<td></td>
</tr>
<tr>
<td>2ND SEM PEIMS 03150200</td>
<td></td>
</tr>
</tbody>
</table>

**BAND II**
Credit: 1 Fine Arts State Credit
Prerequisite: Teacher Approval

<table>
<thead>
<tr>
<th>42033</th>
<th>Grade Level: 11-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEIMS 03150300</td>
<td></td>
</tr>
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</table>

**BAND III**
Credit: 1 Fine Arts State Credit
Prerequisite: Teacher Approval

<table>
<thead>
<tr>
<th>42043</th>
<th>Grade Level: 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEIMS 03150400</td>
<td></td>
</tr>
</tbody>
</table>

**BAND IV**
Credit: 1 Fine Arts State Credit
Prerequisite: Teacher Approval

The high school band is a musical organization for students of wind and percussion instruments. Three bands are offered for students interested in instrumental music: Marching Band, Symphonic Band, and Concert Band. Emphasis is placed on development of cultural growth, critical listening, basic music theory, the study of instrumental music techniques, creative self-expression, sight reading, mental and physical discipline, citizenship through group endeavors, physical conditioning and leadership skills. During football season (Fall) the various concert bands meet three times a week after school to make up the marching band, which performs at all varsity football games (home & away), U.I.L. Marching Contest and non-U.I.L. Marching Contests, and local parades. Band members are also required to attend Summer Band beginning in August. During concert season (spring), section rehearsals are scheduled after school one day a week to prepare for concerts and contests. Attendance at all rehearsals and performances is required. Band placement is determined through auditions held at various times during the school year. Students must furnish their own shoes, personal instrument (flute, clarinet, alto saxophone, trumpet, trombone), and mouthpiece or drumsticks. **Physical Education waiver can be used for fall semester only.**
Band ensemble is offered for 4 levels of performance from beginner to advanced skills. The class is structured to meet the needs of each student on an individual basis. Woodwind, Brass and Percussion students must furnish their own instruments and approved materials.

Band ensemble is made up of instruments which include woodwinds (saxophone is the primary instrument), trombones, trumpets, and rhythm (piano, electric/string bass, guitar, drum set, and vibraphone). Study and performance of jazz music, improvisation, sight-reading, and jazz style and performance techniques make up the class offered within the school day. Music theory, jazz history and applied music will be integrated into a performance-based curriculum. After school hours are required.

This Non Varsity Choir is open to all 9th-12th grade females who enjoy performing and want to learn how to sing a variety of music. Bel Canto will perform at all concerts and compete at UIL. During the holidays, this choir prepares a one-act musical to perform throughout the community. There is minimal after school rehearsal.
CHOIR - CONT.

**TREBLE CHOIR I (GIRLS ONLY) - 43013**

**TREBLE CHOIR II (GIRLS ONLY) - 43023**

**TREBLE CHOIR III (GIRLS ONLY) - 43033**

**TREBLE CHOIR IV (GIRLS ONLY) - 43043**

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>1 Each</td>
<td>9-12</td>
<td>Year</td>
</tr>
</tbody>
</table>

This Non-Varsity Choir is open to 9th-12th grade females who enjoy performing and want to learn how to sing a variety of music. Treble Choir will perform at most concerts. There is minimal after school rehearsal.

**Fine Arts State Credit**

**CONCERT MEN I - 43113**

**CONCERT MEN II - 43123**

**CONCERT MEN III - 43133**

**CONCERT MEN IV - 43143**

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>1 Each</td>
<td>9-12</td>
<td>Year</td>
</tr>
</tbody>
</table>

This non varsity men’s choir is open to males who enjoy performing and want to learn how to sing a variety of music. Concert Men will perform at all concerts and combine with Concert Women’s Choir to form a UIL Mixed Choir. There is minimal after school rehearsal.

**Fine Arts State Credit**

**CONCERT WOMEN I - 43213**

**CONCERT WOMEN II - 43223**

**CONCERT WOMEN III - 43233**

**CONCERT WOMEN IV - 43243**

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teacher Recommended</td>
<td>1 Each</td>
<td>9-12</td>
<td>Year</td>
</tr>
</tbody>
</table>

This course is for the intermediate female musician. Concert Women will perform at all concerts and combine with Concert Men’s Choir to form a UIL Mixed Choir. In addition, during the December holidays, this choir wears Renaissance costumes and prepares a one-act musical to perform at the Madrigal Dinner and throughout the community. In the spring, the choir competes in San Antonio. There is some after school rehearsal required.

**Fine Arts State Credit**

**MEN WOMEN**

| 4313 | 4333 | **VARSITY CHORALE I** |
| 4332 | 4336 | **VARSITY CHORALE II** |
| 4333 | 4337 | **VARSITY CHORALE III** |
| 4343 | 4338 | **VARSITY CHORALE IV** |

**Grade Level: 9 – 12**

**Credit: 1 Each**

**Prerequisite:** Audition Only/ Admissions Committee Approval

**Varsity Chorale is the top choir at MHS and is for the advanced musician. Excellent technique, sight-reading ability, citizenship and discipline are required. Chorale performs at all concerts, in the community and competes at UIL. Monday evening rehearsals are required. Auditions are in the spring.**

**MADRIGALS ENSEMBLE I - 43413**

**MADRIGALS ENSEMBLE II - 43423**

**MADRIGALS ENSEMBLE III - 43433**

**MADRIGALS ENSEMBLE IV - 43443**

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audition Only</td>
<td>1 Each</td>
<td>9-12</td>
<td>Year</td>
</tr>
</tbody>
</table>

This choir is for the serious and advanced musician. Madrigals are a select group of students chosen from Varsity Chorale. Madrigals perform at all concerts. In addition, during the December holidays, this choir wears Renaissance costumes and performs throughout the community. The King, Queen and Royal Court for the Madrigal Dinner are chosen from this choir. In the spring, Madrigals compete in San Antonio. There is some after school rehearsal required.

**Fine Arts State Credit**
CHOIR - CONT.

JAZZ GIRLS I - 43513
JAZZ GIRLS II - 43523

Prerequisite: Credit
Audition and Concurrent Enrollment in Bel Canto, Concert Women or Chorale Women
Select show choir open to girls who would like to explore the performance practices of popular and jazz music. Auditions are in the spring.

Fine Arts State Credit

AP MUSIC THEORY – 43613

Prerequisite: Must Be Taken Concurrently With Band or Choir / See AP Criteria
AP Music Theory I is a college level course that surveys the fundamentals of harmonization, part writing, ear training, and sight singing. This course is a two semester course that encompasses the first two levels of Music Theory at most universities. Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89.00. Colleges may award credit based on the score of the AP Exam. **Students may NOT self-elect out of this course at any time during the school year because there is no equivalent level course available.**

Fine Arts State Credit

THEATRE ARTS

THEATRE ARTS I - 44013

Prerequisite: None
This course offers students a foundation in theatre history and performance, regular emphasis of vocal and physical communication skills, improvisation, memorization and performance. Other units include Shakespeare, Commedia del’ Arte, Technical Theatre Overview and Playwriting.

Fine Arts State Credit

THEATRE ARTS II - 44023

Prerequisite: Theatre I and Admissions Committee Approval
This course is a deeper study of theatre, emphasizing communication and performance skills. Acting concepts and theories will be applied to in-class performances. Playwriting, Human Video and performance opportunities will be offered.

Fine Arts State Credit

THEATRE ARTS III - 44033
THEATRE ARTS IV - 44043

Prerequisite: Admissions Committee Approval
These courses are designed for students with a serious interest in acting and performance. Students are expected to participate in rehearsals and performances of all department productions, taking a leadership role in each area. Acting refinement, technical theatre involvement and oversight of Front of House management will be emphasized.

Fine Arts State Credit

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade Level</th>
<th>PEIMS Code</th>
</tr>
</thead>
<tbody>
<tr>
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<td>10-12</td>
<td>03250700</td>
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<td>03250800</td>
</tr>
<tr>
<td>44233</td>
<td>12</td>
<td>03250900</td>
</tr>
</tbody>
</table>

THEATRE PRODUCTIONS I
Credit: 1 Fine Arts State Credit
Prerequisite: Admissions Committee Approval
Admittance to Theatre Productions is by Admissions Committee approval and audition only. This highly advanced acting class is designed for students who have demonstrated the duality of talent and technique. All students in theatre productions are expected to audition for the One Act Play and must be able to meet all requirements set forth by Montgomery High School and UIL regarding eligibility. 8th grade auditions will be held in the spring. Acting style, theories and techniques will be studied.
THEATRE ARTS - CONT.

44113
Grade Level: 9-12
PEIMS 03250500

TECHNICAL THEATRE I
Credit: 1 Fine Arts State Credit
Prerequisite: Admissions Committee Approval

Admittance to all Technical Theatre classes is by Admissions Committee approval only. This class includes safety, operation of lights, sound, set design, as well as learning essential knowledge of stage management. Design projects include the creative use of prop, costume, make-up, scenery, lighting and sound. This course also covers responsibilities of the technical crew and available careers in theatre production. Students are expected to take an active role during and after school hours to support the running show.

44123
Grade Level: 10-12
PEIMS 03250600

TECHNICAL THEATRE II
Credit: 1 Fine Arts State Credit
Prerequisite: Admissions Committee Approval

44133
Grade Level: 11-12
PEIMS 03251100

TECHNICAL THEATRE III
Credit: 1 Fine Arts State Credit
Prerequisite: Admissions Committee Approval

44143
Grade Level: 12
PEIMS 03251200

TECHNICAL THEATRE IV
Credit: 1 Fine Arts State Credit
Prerequisite: Admissions Committee Approval

TECHNICAL THEATRE I
Credit: 1 Fine Arts State Credit
Prerequisite: Admissions Committee Approval

TECHNICAL THEATRE II
Credit: 1 Fine Arts State Credit
Prerequisite: Admissions Committee Approval

TECHNICAL THEATRE III
Credit: 1 Fine Arts State Credit
Prerequisite: Admissions Committee Approval

TECHNICAL THEATRE IV
Credit: 1 Fine Arts State Credit
Prerequisite: Admissions Committee Approval

THEATRE DIRECTING - 44313
Prerequisite
Admissions Committee Approval

Credit  Grade Level  Course Length
1  11-12  Year

This is an advanced course offered by signature only to the most serious theatre student, offering the fundamental of script analysis, staging and interpretation as well as knowledge of stage directing. Prior acting experience along with a background in dramatic literature is strongly recommended. Students examine the principle theatre directors of the modern period and their work. Ultimately, students study the relationships of director to the play, the playwright, the actor, the designers, and the audience.

Fine Arts State Credit

ART

ART I - 45113
Prerequisite
None

Credit  Grade Level  Course Length
1  9-12  Year

Art I is a survey of art for the beginners consisting of basic artistic skills. Art I students will draw, paint, design and create. Artist, cultures and styles will be studied. Art supplies required. Please see the supply list below.

Fine Arts State Credit

ART I SUPPLY LIST

- Sketch Book 9x12, Spiral 8x10
- Old Hand Towel Or Wash Cloth
- Pencils (Lots) Made In The USA
- Liquid Glue & Glue Sticks
- Black Sharpie Markers/Pens (Fine, Medium Or Large Tip)
- Scissors That Fit Your Hand
- Several Erasers – Pink, Magic Or Gum
- Small & Large Ziploc (To Hold Supplies)
- Colored Construction Paper
- Kleenex, Handy Wipes, Liquid Hand Soap
- Q-Tips
- Crayons, Markers And Map Pencils

ART II DRAWING - 45213
Prerequisite
Art I & Admissions Committee Approval

Credit  Grade Level  Course Length
1  10-12  Year

Art II Drawing develops problem solving and technical skills by experimenting with graphite, charcoal, inks, pastels and conte crayons. Emphasis will be on life drawing and perspective. Art supplies required.

Fine Arts State Credit

ART II PAINTING - 45223
Prerequisite
Art I / Admissions Committee Approval

Credit  Grade Level  Course Length
1  10-12  Year

Art II Painting is primarily concerned with the development of problem solving and technical skills by experimentation with inks, tempera, watercolor and acrylics. Emphasis on composition. Painters and movements will be studied. Art supplies required.

Fine Arts State Credit
### ART II SCULPTURE / FIBERS / PRINTING - 45233

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art I / Admissions Committee Approval</td>
<td>1</td>
<td>10-12</td>
<td>Year</td>
</tr>
</tbody>
</table>

Students will create three dimensional projects from paper, glue, wood, hose, cardboard, candles, fabric, yarn, linoleum and ink. Emphasis will be on safety, tools and procedures. Visual Journals will be introduced. Art supplies required.

**Fine Arts State Credit**

### ART II CERAMICS - 45243

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art I / Admissions Committee Approval</td>
<td>1</td>
<td>10-12</td>
<td>Year</td>
</tr>
</tbody>
</table>

Introduction to ceramic processes: utilization of basic clay materials, building of clay forms. Firing, glazing and aesthetic principles of ceramic sculpture. Art supplies required.

**Fine Arts State Credit**

### ART III DRAWING - 45313

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art II / Admissions Committee Approval</td>
<td>1</td>
<td>11-12</td>
<td>Year</td>
</tr>
</tbody>
</table>

Compositional problem solving and technical skills will be developed by experimentation with conte, charcoal, inks and pastels. Concentration will be figures and portraits. Art supplies required.

**Fine Arts State Credit**

### ART III PAINTING - 45323

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art II / Admissions Committee Approval</td>
<td>1</td>
<td>11-12</td>
<td>Year</td>
</tr>
</tbody>
</table>

In this advanced painting class students further develop their ability to create visual ideas. Inks, watercolor and acrylics will be used and emphasis on individual techniques. Art supplies required.

**Fine Arts State Credit**

### ART III CERAMICS - 45343

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art II Ceramics / Admissions Committee Approval</td>
<td>1</td>
<td>11-12</td>
<td>Year</td>
</tr>
</tbody>
</table>

Further study of ceramic techniques focusing on 3-D portfolio development. Art supplies required.

**Fine Arts State Credit**

### ART IV DRAWING - 45413

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art III / Admissions Committee Approval</td>
<td>1</td>
<td>12</td>
<td>Year</td>
</tr>
</tbody>
</table>

Compositional problem solving and technical skills will be continued. A student will develop a portfolio by scanning and presenting. Art supplies required.

**Fine Arts State Credit**

### ART IV PAINTING - 45423

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art III / Admissions Committee Approval</td>
<td>1</td>
<td>12</td>
<td>Year</td>
</tr>
</tbody>
</table>

This course is designed to allow for individual student exploration of their style. The student must be self-motivated and serious about painting. Art supplies required.

**Fine Arts State Credit**

### ART IV CERAMICS - 45443

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
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</thead>
<tbody>
<tr>
<td>Art II Ceramics / Admissions Committee Approval</td>
<td>1</td>
<td>12</td>
<td>Year</td>
</tr>
</tbody>
</table>

Further study of ceramic techniques focusing on 3-D portfolio development. Art supplies required.

**Fine Arts State Credit**
AP STUDIO ART 2D DESIGN PORTFOLIO - 45523
Prerequisite Art I / Admissions Committee Approval / See AP Criteria
Credit 1 Grade Level 11-12 Course Length Year
This advanced placement class is for the highly motivated and seriously interested art student. Students will work on a portfolio to submit to The College Board. I Quality, II Concentration and III Breadth will be discussed. Students will come early or stay late on some days for extra work time, a second art class is recommended. All artwork must be scanned. Upon completion of this course, a student may elect to take the AP Exam. The cost of the AP Exam is approximately $89.00. Colleges may award credit based on the score of the AP Exam. Students may NOT self-elect out of this course at any time during the school year because there is no equivalent level course available.

Fine Arts State Credit

DANCE

DANCE I (NON-DRILL TEAM) - 46113
Prerequisite None
Credit 1 Grade Level 9-12 Course Length Year
Students are introduced to the fundamentals and techniques of all disciplines of dance. Creative expression and interpretation through movement are explored. Students will be required to furnish apparel (leotard & black Capri pants). Approximate cost to student is $55.

Fine Arts State Credit ONLY

DANCE II (NON-DRILL TEAM) - 46123
Prerequisite Dance I or Admissions Committee Approval
Credit 1 Grade Level 10-12 Course Length Year
Dance II emphasizes beginner dance technique, routines and performance. Students will learn and improve and increase flexibility, stamina, and physical fitness while learning new dance terms. Students will practice an effective warm-up, using elements of proper conditioning, and perform memorized movement combinations with rhythmical accuracy in several dance styles. Students will be required to purchase black leotard, jazz pants, and tap shoes. Approximate cost to student is $75. No after school hours are required.

Fine Arts State Credit ONLY

DANCE PRODUCTION I - 46313
DANCE PRODUCTION II - 46323
DANCE PRODUCTION III - 46333
Prerequisite Drill Team Officers & Leaders
Credit 1 Each Grade Level 10-12 Course Length Year
This class will be much more advanced than the Dance Team class. It will focus on the officers and leaders of drill team. They will choreograph routines for productions, shows, and competitions throughout the year, design sets and costumes, and create lesson plans for the team. They will also demonstrate responsibility, artistic discipline, and creative problem solving. These students will gain more experience in the art of dance and dance production skills, as well as leadership qualities.

Fine Arts State Credit
DANCE TEAM I  
Credit: 1 Fine Arts State Credit  
Prerequisite: Admissions Committee Approval and Participation In Drill Team  
Course Length: 1 Year  

DANCE TEAM II  
Credit: 1 Fine Arts State Credit  
Prerequisite: Admissions Committee Approval and Participation In Drill Team  
Course Length: 1 Year  

DANCE TEAM III  
Credit: 1 Fine Arts State Credit  
Prerequisite: Admissions Committee Approval and Participation In Drill Team  
Course Length: 1 Year  

DANCE TEAM IV  
Credit: 1 Fine Arts State Credit  
Prerequisite: Admissions Committee Approval and Participation In Drill Team  
Course Length: 1 Year  

Dance Team emphasizes dance techniques, routines and performance at football games, pep rallies, some basketball games, community events, contests, and spring show. Students will demonstrate sensitivity toward others when working in groups, and express ideas and emotions through movement. Students will practice an effective warm-up and cool-down, using elements of proper conditioning, and perform memorized movement sequences with rhythmical accuracy in several dance styles. Students will demonstrate appropriate audience behavior and etiquette in the classroom and at performances. After school hours are required. Try-outs take place in the spring semester. *(Physical Education waiver can be used for Fall semester only.)*
**DRIVER EDUCATION**

**DRIVER EDUCATION - 49113**

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Must Be 15 Years of Age / Provide Original or Certified Copy of Birth Certificate / Provide Original Social Security Card</td>
<td>½</td>
<td>9-12</td>
<td>Semester</td>
</tr>
</tbody>
</table>

Driver Education provides opportunities for students to acquire knowledge, establish attitudes, develop skills, and practice habits, which will allow them to operate safely and efficiently as Highway Transportation System users. The registration fee is approximately $310.00 for this course, which must be paid in full the first week of instruction. To enroll in Driver Education, students must not have lost credit due to attendance the previous semester. Students with upper class standing have priority in this course.

Elective State Credit

**TEEN LEADERSHIP**

**TEEN LEADERSHIP – 49103**

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>½</td>
<td>9</td>
<td>Semester</td>
</tr>
</tbody>
</table>

Teen Leadership is a one semester course that teaches key concepts essential for maximum success at the high school level and in life. Study skills will be taught along with how to develop personal goals. Students will learn how to develop relationships, positive self concept, peer pressure resistance, a positive attitude, work ethic, trust and support. Students will learn to be proactive leaders instead of reactive.

Elective State Credit

**LOCAL CREDIT**

<table>
<thead>
<tr>
<th></th>
<th>Prerequisite: Admissions Committee Approval</th>
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<tbody>
<tr>
<td>60003</td>
<td>FRONT OFFICE AIDE (SENIOR CAMPUS)</td>
</tr>
<tr>
<td>60083</td>
<td>FRONT OFFICE AIDE (NINTH GRADE CAMPUS)</td>
</tr>
<tr>
<td>60013</td>
<td>COUNSELOR AIDE</td>
</tr>
<tr>
<td>60023</td>
<td>LIBRARY AIDE</td>
</tr>
<tr>
<td>60033</td>
<td>ASSOCIATE PRINCIPAL AIDE (TIFFIN)</td>
</tr>
<tr>
<td>60043</td>
<td>ASSISTANT PRINCIPAL AIDE (MILLER/LOPEZ)</td>
</tr>
<tr>
<td>60073</td>
<td>ASSISTANT PRINCIPAL AIDE (HILL)</td>
</tr>
<tr>
<td>60093</td>
<td>ASSISTANT PRINCIPAL AIDE (HARDY)</td>
</tr>
<tr>
<td>60053</td>
<td>NURSE'S AIDE</td>
</tr>
<tr>
<td>60063</td>
<td>ATTENDANCE AIDE</td>
</tr>
</tbody>
</table>

Local Credit Only

<table>
<thead>
<tr>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>½ - 1 Each</td>
<td>11-12</td>
<td>Semester or Year</td>
</tr>
</tbody>
</table>

Students assist in various office procedures in administration offices. Must have a GPA of 5.0 and have good attendance, no discipline referrals, and no suspensions.
**Career Pathways . . . Preparing a Personalized Education Plan**

Because the 21st Century career will require high academic and technological skills, students need to identify and pursue both career and academic goals as one while in school. Perhaps the most important decision you make is the course you choose to follow after graduating from high school. What will you do? Where will you go? Who will support you? Will you continue your education? Will you work and go to school? If you go to school, what will your major be? These are all very important questions. In order to answer them, you will need to explore your interests and make informed decisions about your future.

In the 8th grade, you began the process of developing a personalized education plan through assessment and guided activities taken through the Career and Interest Inventory and Aptitude Test. Using your career interest and aptitudes, your parents, counselors, and teachers help you to develop a graduation plan which identifies a career cluster.

To graduate from high school, all Texas students are required to take a “core foundation” of academic courses which meet graduation requirements and provide the academic condition necessary to pursue post-secondary education. Choosing a career cluster helps to identify which electives to take in high school and encourages the wise use of your elective time. This organized sequence of courses becomes more specialized as you approach graduation. In September, 2009 the State Board of Education re-organized the CTE classes into sixteen career clusters, so MHS has re-organized those clusters into 7 clusters as listed below.

### Agriculture, Food & Natural Resources

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Agriculture, Food &amp; Natural Resources</td>
<td>9-12</td>
</tr>
<tr>
<td>Wildlife, Fisheries &amp; Ecology Management</td>
<td>10-12</td>
</tr>
<tr>
<td>Range Ecology &amp; Management</td>
<td>10-12</td>
</tr>
<tr>
<td>Forestry &amp; Woodlands Ecosystems</td>
<td>10-12</td>
</tr>
<tr>
<td>Equine Science</td>
<td>10-12</td>
</tr>
<tr>
<td>Livestock Production</td>
<td>10-12</td>
</tr>
<tr>
<td>Advanced Animal Science</td>
<td>12</td>
</tr>
<tr>
<td>Ag Mechanics &amp; Metal Technologies</td>
<td>10-12</td>
</tr>
<tr>
<td>Ag Facilities Design &amp; Fabrication</td>
<td>11-12</td>
</tr>
<tr>
<td>Principles &amp; Elements of Floral Design</td>
<td>10-12</td>
</tr>
<tr>
<td>Horticultural Science</td>
<td>10-12</td>
</tr>
<tr>
<td>Advanced Plant &amp; Soil Science</td>
<td>12</td>
</tr>
<tr>
<td>Career Preparation I or II</td>
<td>11-12</td>
</tr>
</tbody>
</table>

http://www.achievetexas.org/Agriculture.htm

### Arts, A/V Technology & Communications

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Band (see pages 51-52)</td>
<td>9-12</td>
</tr>
<tr>
<td>Choir (see pages 52-53)</td>
<td>9-12</td>
</tr>
<tr>
<td>Theatre Arts (see pages 54-55)</td>
<td>9-12</td>
</tr>
<tr>
<td>Art (see pages 55-56)</td>
<td>9-12</td>
</tr>
<tr>
<td>Dance (see page 57)</td>
<td>9-12</td>
</tr>
<tr>
<td>Audio Video Production (Techs Class)</td>
<td>11-12</td>
</tr>
<tr>
<td>Advanced Audio Video Production</td>
<td>12</td>
</tr>
<tr>
<td>Fashion Design</td>
<td>10-12</td>
</tr>
<tr>
<td>Advanced Fashion Design</td>
<td>11-12</td>
</tr>
<tr>
<td>Interior Design</td>
<td>10-12</td>
</tr>
<tr>
<td>Advanced Interior Design</td>
<td>11-12</td>
</tr>
<tr>
<td>Career Preparation I or II</td>
<td>11-12</td>
</tr>
</tbody>
</table>

http://www.achievetexas.org/Arts.htm

### Human Services

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Human Services</td>
<td>9-12</td>
</tr>
<tr>
<td>Principles of Hospitality &amp; Tourism</td>
<td>9-12</td>
</tr>
<tr>
<td>Human Growth &amp; Development</td>
<td>10-12</td>
</tr>
<tr>
<td>Lifetime Nutrition &amp; Wellness</td>
<td>10-12</td>
</tr>
<tr>
<td>Practicum in Education &amp; Training I</td>
<td>11-12</td>
</tr>
<tr>
<td>Practicum in Education &amp; Training II</td>
<td>12</td>
</tr>
<tr>
<td>Culinary Arts I</td>
<td>11-12</td>
</tr>
<tr>
<td>Practicum in Culinary Arts II</td>
<td>12</td>
</tr>
<tr>
<td>Career Preparation I or II</td>
<td>11-12</td>
</tr>
</tbody>
</table>

http://www.achievetexas.org/Education.htm
http://www.achievetexas.org/Human_Services.htm

### Hospitality & Tourism

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Hospitality &amp; Tourism</td>
<td>9-12</td>
</tr>
<tr>
<td>Human Growth &amp; Development</td>
<td>10-12</td>
</tr>
<tr>
<td>Lifetime Nutrition &amp; Wellness</td>
<td>10-12</td>
</tr>
<tr>
<td>Practicum in Education &amp; Training I</td>
<td>11-12</td>
</tr>
<tr>
<td>Career Preparation I or II</td>
<td>11-12</td>
</tr>
</tbody>
</table>

http://www.achievetexas.org/Hospitality.htm
What is Achieve Texas?

AchieveTexas is an education initiative designed to prepare students for a lifetime of success. It allows students to achieve excellence by preparing them for secondary and postsecondary opportunities, career preparation and advancement, meaningful work, and active citizenship.

AchieveTexas is designed to help students (and their parents) make wise education choices. It is based on the belief that the curricula of the 21st century should combine rigorous academics with relevant career education. By integrating academic and technical education, students can see the “usefulness” of what they are learning. This system also facilitates a seamless transition from secondary to postsecondary opportunities.

This initiative uses the sixteen federally defined Career Clusters of the States’ Career Clusters initiative (www.careerclusters.org) as the foundation for restructuring how MHS arranged their instructional programs. A Career Cluster is a grouping of occupations and broad industries based on commonalities. The sixteen Career Clusters provide an organizing tool for schools, small learning communities, academies, and magnet schools. Programs of Study (POS) have been developed for each of the Career Clusters. The POS represent a recommended sequence of coursework based on a student’s interest or career goal.

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<table>
<thead>
<tr>
<th>Business, Management &amp; Administration</th>
<th>10-12</th>
<th>Entrepreneurship</th>
<th>10-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Information Management I</td>
<td>9-12</td>
<td>Business Management</td>
<td>10-12</td>
</tr>
<tr>
<td>Business Information Management II</td>
<td>10-12</td>
<td>Business Law</td>
<td>11-12</td>
</tr>
<tr>
<td>Money Matters</td>
<td>10-12</td>
<td>Advertising &amp; Sales Promotion</td>
<td>10-12</td>
</tr>
<tr>
<td>Accounting I</td>
<td>10-12</td>
<td>Retailing &amp; E-Tailing</td>
<td>10-12</td>
</tr>
<tr>
<td>Accounting II</td>
<td>11-12</td>
<td>Career Preparation I or II</td>
<td>11-12</td>
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</table>

http://www.achievetexas.org/Finance.htm

<table>
<thead>
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<th>10-12</th>
<th>Computer Programming</th>
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</thead>
<tbody>
<tr>
<td>Business Information Management I</td>
<td>9-12</td>
<td>AP Computer Science</td>
<td>11-12</td>
</tr>
<tr>
<td>Business Information Management II</td>
<td>11-12</td>
<td>Research Information Technology &amp; Solutions</td>
<td>12</td>
</tr>
<tr>
<td>Digital &amp; Interactive Media</td>
<td>10-12</td>
<td>Career Preparation I or II</td>
<td>11-12</td>
</tr>
<tr>
<td>Web Technologies</td>
<td>10-12</td>
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http://www.achievetexas.org/Information.htm

<table>
<thead>
<tr>
<th>Health Science</th>
<th>11-12</th>
<th>Anatomy &amp; Physiology</th>
<th>11-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Terminology</td>
<td>9-12</td>
<td>Athletic Training I – IV</td>
<td>9-12</td>
</tr>
<tr>
<td>Health</td>
<td>9-12</td>
<td>Career Preparation I or II</td>
<td>11-12</td>
</tr>
<tr>
<td>Health Science</td>
<td>11-12</td>
<td></td>
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</table>

http://www.achievetexas.org/Health.htm

<table>
<thead>
<tr>
<th>Government &amp; Public Administration</th>
<th>10-12</th>
<th>Law Enforcement I</th>
<th>10-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Law, Public Safety, Corrections &amp; Security</td>
<td>9-12</td>
<td>MCJROTC I–IV</td>
<td>9-12</td>
</tr>
<tr>
<td>Court Systems &amp; Practices</td>
<td>10-12</td>
<td>Career Preparation I or II</td>
<td>11-12</td>
</tr>
<tr>
<td>Correctional Services</td>
<td>11-12</td>
<td></td>
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</tbody>
</table>

http://www.achievetexas.org/Government.htm
http://www.achievetexas.org/Law.htm
# CAREER & TECHNICAL EDUCATION

## Sample Coherent Sequence of Courses for Agriculture, Food & Natural Resources Cluster

<table>
<thead>
<tr>
<th>9th GRADE</th>
<th>10th GRADE</th>
<th>11th GRADE</th>
<th>12th GRADE</th>
</tr>
</thead>
</table>
| • Principles of Agriculture, Food & Natural Resources | • Range Ecology & Management  
• Equine Science  
• Livestock Production  
• Ag Mechanics & Metal Technologies  
• Principles & Elements of Floral Design | • Livestock Production  
• Ag Facilities Design & Fabrication  
• Forestry & Woodlands Ecosystems  
• Horticultural Science  
• Career Preparation I | • Advanced Animal Science  
• Advanced Plant & Soil Science  
• Ag Facilities Design & Fabrication  
• Forestry & Woodlands Ecosystems  
• Career Preparation I or II |

## PRINCIPLES OF AGRICULTURE, FOOD & NATURAL RESOURCES - 51103

Prerequisite: None  
Credit: 1  
Grade Level: 9-12  
Course Length: Year  
Enhances the agricultural comprehension of young adults. Includes agricultural career development, leadership, communications and personal finances. This course also includes the overview of soil and plants, animals, and agricultural construction.  
Elective State Credit: Agricultural Pathway

## WILDLIFE, FISHERIES & ECOLOGY MANAGEMENT - 51113

Prerequisite: None  
Credit: 1  
Grade Level: 10-12  
Course Length: Year  
Examines the importance of wildlife and outdoor recreation with emphasis on using wildlife and natural resources. Students will also examine the management of game and non-game wildlife species, fish, and aqua crops and their ecological needs. Students are able to obtain their Hunter Safety Certification during this course if they pass their exam.  
Elective State Credit: Agricultural Pathway

## RANGE ECOLOGY & MANAGEMENT - 51123

Prerequisite: Principles of Agriculture, Food & Natural Resources  
Credit: 1  
Grade Level: 10-12  
Course Length: Year  
Students will attain academic skills and knowledge, acquire technical knowledge and skills related to natural resources, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. 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.  
Elective State Credit: Agricultural Pathway

## FORESTRY & WOODLANDS ECOSYSTEMS - 51133

Prerequisite: Principles of Agriculture, Food & Natural Resources  
Credit: 1  
Grade Level: 10-12  
Course Length: Year  
Students will attain academic skills and knowledge, acquire technical knowledge and skills related to natural resources, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. 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.  
Elective State Credit: Agricultural Pathway
### EQUINE SCIENCE - 51143

**Prerequisite**

Principles of Agriculture, Food & Natural Resources

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<tr>
<td>1</td>
<td>10-12</td>
<td>Year</td>
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</table>

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

**Elective State Credit**

**Agricultural Pathway**

### LIVESTOCK PRODUCTION - 51153

**Prerequisite**

Principles of Agriculture, Food & Natural Resources

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<tr>
<th>Credit</th>
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<td>10-12</td>
<td>Year</td>
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</table>

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

**Elective State Credit**

**Agricultural Pathway**

### ADVANCED ANIMAL SCIENCE - 51163

**Prerequisite**

Equine Science and/or Livestock Production

<table>
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<tr>
<th>Credit</th>
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</table>

Develop and investigate the scientific and technological dimensions of scientific animal agriculture, genetics and reproduction, anatomy and physiology of various livestock species, nutritional requirements, and disease and parasites of livestock. This class is recommended for those students with an interest in Veterinary Science. This class will have 40% of class time instruction to conduct field experiments and laboratory investigations.

**Science State Credit or Elective State Credit**

**Agricultural Pathway**

### AG MECHANICS & METAL TECHNOLOGIES - 51203

**Prerequisite**

Principles of Agriculture, Food & Natural Resources

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<td>Year</td>
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</table>

Develops proficiency in many welding skills. Students will be expected to use the cutting torch and MIG Welders. Welding in several positions, which include flat, horizontal, and vertical. The course develops an understanding of tool operation, electrical wiring, plumbing, carpentry, and metal working techniques. Offers opportunity to earn NCCER Core Certification.

**Elective State Credit**

**Agricultural Pathway**

### AG FACILITIES DESIGN & FABRICATION - 51223

**Prerequisite**

AG Mechanics & Metal Technologies

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<td>Year</td>
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</tbody>
</table>

Introduce and develop principles of electricity, Geographic Information Systems (GIS), working with concrete, water-management systems, masonry, drywall, and roofing materials.

**Elective State Credit**

**Agricultural Pathway**

### PRINCIPLES & ELEMENTS OF FLORAL DESIGN – 51233

**Prerequisite**

None

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<td>Year</td>
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</table>

This course will allow students to develop the 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. The cost of additional supplies is approximately $50 per semester. Offers opportunity for Floral Certification.

**Fine Arts State Credit or Elective State Credit**

**Agricultural Pathway**

### HORTICULTURAL SCIENCE - 51243

**Prerequisite**

Principles & Elements of Floral Design

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<thead>
<tr>
<th>Credit</th>
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<td>Year</td>
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</tbody>
</table>

Focuses on the identification, production and care of plants. The students will study propagation, fertilizing, transplanting, and growing various plants. Students will also investigate the various career pathways within the horticulture industry.

**Elective State Credit**

**Agricultural Pathway**
Agriculture, Food & Natural Resources (cont.)

ADVANCED PLANT & SOIL SCIENCE - 51253
Prerequisite
Horticultural Science

<table>
<thead>
<tr>
<th>Credit</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>12</td>
<td>Year</td>
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</tbody>
</table>

Students will investigate the importance of plant and soil science and its relationship affecting the production of food and fiber industry. Students will assess the plant ecosystem, erosion processes, petroleum energy, crop production, and genetically engineered plants and their importance to solving world hunger. This class will have 40% of class time instruction to conduct field experiments and laboratory investigations.

Science State Credit / (Prerequisites – Principles of Floral Design AND Horticultural Science) or Elective State Credit

CAREER PREPARATION I - 53413
CAREER PREPARATION II - 53423
Prerequisite
Completed Student Information Packet & Admissions Committee Approval

<table>
<thead>
<tr>
<th>Credit</th>
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</thead>
<tbody>
<tr>
<td>3 Each</td>
<td>11-12</td>
<td>Year</td>
</tr>
</tbody>
</table>

This work-based learning program will prepare students with a variety of skills for a fast-changing workplace. Students will learn employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Students MUST be sixteen (16) years of age. Students are normally of junior or senior standings and MUST have reliable transportation. Students MUST have/find paid employment within the first fifteen (15) days of school. Students MUST work an average of 15 hours per week for this three (3) credit course. Offers opportunity to earn OSHA General Industry Safety Certification. Students are highly encouraged to join DECA (optional), which looks great on college resumes. Please send emails to Misty Towles if you have questions or would like to schedule a time to learn more about this course. Email: mtowles@misd.org.

Elective State Credit

Career Preparation
## CAREER & TECHNICAL EDUCATION

**Sample Coherent Sequence of Courses for Arts, Audio Video Technology & Communications and Fashion Design**

<table>
<thead>
<tr>
<th>9th GRADE</th>
<th>10th GRADE</th>
<th>11th GRADE</th>
<th>12th GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art I</td>
<td>Fashion Design</td>
<td>Audio Video Production</td>
<td>Advanced Audio Video Production</td>
</tr>
<tr>
<td>Band I</td>
<td>Interior Design</td>
<td>Advanced Fashion Design</td>
<td>Advanced Fashion Design</td>
</tr>
<tr>
<td>Bel Canto</td>
<td>Art II (Drawing, Painting, Ceramics or Sculpture)</td>
<td>Advanced Interior Design</td>
<td>Advanced Interior Design</td>
</tr>
<tr>
<td>Men’s Choir I</td>
<td>Band II</td>
<td>Art III (Drawing, Painting, Ceramics or AP Studio Art 2D)</td>
<td>Art IV(Drawing, Painting, Ceramics or AP Studio Art 2D)</td>
</tr>
<tr>
<td>Theatre Arts I</td>
<td>Treble Choir II</td>
<td>Band III</td>
<td>Band IV</td>
</tr>
<tr>
<td>Dance I</td>
<td>Men’s Choir II</td>
<td>Women’s Choir III</td>
<td>Madrigals</td>
</tr>
<tr>
<td>Dance Team I</td>
<td>Theatre Arts II</td>
<td>Men’s Choir III</td>
<td>Theatre Direction</td>
</tr>
<tr>
<td></td>
<td>Dance II</td>
<td>Theatre Production</td>
<td>Dance Team IV</td>
</tr>
<tr>
<td></td>
<td>Dance Team II</td>
<td>Dance Team III</td>
<td>Career Preparation I or II</td>
</tr>
</tbody>
</table>

### AUDIO VIDEO PRODUCTION I - 52123

**Prerequisite:** Principles of Arts, Audio Video & Communications, Admissions Committee Approval

- **Credit:** 1
- **Grade Level:** 11-12
- **Course Length:** Year

**State Elective Credit**

**Arts, Entertainment & Interior Design**

**Prerequisite:** Audio Video Production I and Admissions Committee Approval

- **Credit:** 1
- **Grade Level:** 12
- **Course Length:** Year

**State Elective Credit**

**Arts, Entertainment & Interior Design**

### FASHION DESIGN - 52143

**Prerequisite:** None

- **Credit:** 1
- **Grade Level:** 10-12
- **Course Length:** Year

**State Elective Credit**

**Arts, Entertainment & Fashion Design**

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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.

Students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production audio and video activities. This course will be implemented in an advanced audio and video format, including both audio and video.

This laboratory course focuses on careers in the fashion and textile/apparel industries. Students will be exposed to the apparel production process from design concept to finished product. Course content includes apparel construction, care, and maintenance. Students will be responsible for cost of additional supplies.
### ADVANCED FASHION DESIGN - 52153

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fashion Design</td>
<td>2</td>
<td>11-12</td>
<td>Year</td>
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</tbody>
</table>

Students will be expected to develop an advanced understanding of fashion, with emphasis on design and production. Students will be responsible for cost of additional supplies.

**State Elective Credit**

**Arts, Entertainment & Fashion Design**

### INTERIOR DESIGN - 52163

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
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</thead>
<tbody>
<tr>
<td>None</td>
<td>1</td>
<td>10-12</td>
<td>Year</td>
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</tbody>
</table>

This technical course addresses the needs of individuals by enhancing the environments in which they live and work. Students will use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, and prepare for careers in the interior design field. Students will be responsible for cost of additional supplies. This class creates a year-long binder style portfolio as well as hands-on projects.

**State Elective Credit**

**Arts, Entertainment & Interior Design**

### ADVANCED INTERIOR DESIGN - 52193

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior Design</td>
<td>1</td>
<td>11-12</td>
<td>Year</td>
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</tbody>
</table>

This technical laboratory course includes the knowledge of the employability characteristics, principles, process, technologies, communication, tools, equipment, and materials related to interior spatial design. Students will be responsible for cost of additional supplies. This class creates a year-long binder style portfolio as well as advanced technique projects.

**State Elective Credit**

**Arts, Entertainment & Interior Design**

### CAREER PREPARATION I - 53413

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed Student Information Packet &amp; Admissions Committee Approval</td>
<td>3 Each</td>
<td>11-12</td>
<td>Year</td>
</tr>
</tbody>
</table>

This work-based learning program prepares students with a variety of skills for a fast-changing workplace. Students will learn employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Students MUST be sixteen years of age. Students are normally of junior or senior standings and MUST have reliable transportation. Students MUST have/find paid employment within the first fifteen days of school. Students MUST work an average of 15 hours per week for this three (3) credit course. Offers opportunity to earn OSHA General Industry Safety Certification. Students are highly encouraged to join DECA (optional), which looks great on college resumes!! Please send emails to Misty Towles if you have questions or would like to schedule a time to learn more about this course. Email: mtowles@misd.org.

**Elective State Credit**

**Career Preparation**

### CAREER PREPARATION II - 53423

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
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</thead>
<tbody>
<tr>
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This work-based learning program prepares students with a variety of skills for a fast-changing workplace. Students will learn employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Students MUST be sixteen years of age. Students are normally of junior or senior standings and MUST have reliable transportation. Students MUST have/find paid employment within the first fifteen days of school. Students MUST work an average of 15 hours per week for this three (3) credit course. Offers opportunity to earn OSHA General Industry Safety Certification. Students are highly encouraged to join DECA (optional), which looks great on college resumes!! Please send emails to Misty Towles if you have questions or would like to schedule a time to learn more about this course. Email: mtowles@misd.org.

**Elective State Credit**

**Career Preparation**
## CAREER & TECHNICAL EDUCATION
### Sample Coherent Sequence of Courses for Business, Marketing & Finance

<table>
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<tr>
<th>9th GRADE</th>
<th>10th GRADE</th>
<th>11th GRADE</th>
<th>12th GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Information Management I</td>
<td>Principles of Business, Marketing &amp; Finance</td>
<td>Advertising &amp; Sales Promotion, Retailing &amp; E-tailing, Business Information Management II, Accounting I, Business Law, Career Prep I</td>
<td>Advertising Sales &amp; Production, Retailing &amp; E-tailing, Business Information Management II, Accounting I or II, Career Prep I or II</td>
</tr>
</tbody>
</table>

### PRINCIPLES OF BUSINESS, MARKETING & FINANCE - 53103
**PEIMS 13011200**
- **Prerequisite**: None
- **Credit**: ½
- **Grade Level**: 9-11
- **Course Length**: Semester

Students are introduced to knowledge and skills of economics and private enterprise systems, impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles.

**State Elective Credit**: Business, Marketing & Finance

### BUSINESS INFORMATION MANAGEMENT I (BIM I) - 53113
**PEIMS 13011400**
- **Prerequisite**: None
- **Credit**: 1
- **Grade Level**: 9-12
- **Course Length**: Year

Students will create word-processing documents, spreadsheets, graphs, charts, databases and presentations using appropriate software. Students prepare for the business world and postsecondary education by strengthening computer, communications, analytical, and technical skills. Students leave this class with the computer skills needed to compete in a technology driven environment as well as a working knowledge about information and business management. Offers opportunity to earn Microsoft Office Systems Certification via exam.

**MISD State Technology Application Credit**: Business, Marketing & Finance

### BUSINESS INFORMATION MANAGEMENT II (BIM II) - 53123
**PEIMS 13011500**
- **Prerequisite**: 80 or Higher in Business Information Management I
- **Credit**: 1
- **Grade Level**: 10-12
- **Course Length**: Year

Students will create complex word-processing documents, sophisticated spreadsheets, graphs, charts and presentations using appropriate multimedia software. Students prepare for the business world and postsecondary education by strengthening computer, communications, analytical, and technical skills. Students leave this class with an electronic digital portfolio, technical skill competencies and possibly licensure or certifications. Offers opportunity to earn Microsoft Office Systems Certification via exam.

**MISD State Technology Application Credit**: Business, Marketing & Finance
MONEY MATTERS - 53203
Prerequisite: None
Credit: ½
Grade Level: 9-12
Course Length: Semester

Students will investigate global economics with emphasis on the free enterprise system and its impact on consumers and business. Students apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to set long-term financial goals based on those options. Students will determine methods of achieving long-term financial goals through investment, tax planning, asset allocation, risk management, retirement planning, and estate planning.

State Elective Credit

ACCOUNTING I - 53213
Prerequisite: None
Credit: 1
Grade Level: 10-12
Course Length: Year

Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making.

State Elective Credit

ACCOUNTING II - 53223
Prerequisite: Accounting I
Credit: 1
Grade Level: 11-12
Course Length: Year

Students continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in various managerial and cost accounting activities. Students formulate and interpret financial information for use in management decision making.

State Elective Credit

ENTREPRENEURSHIP - 53303
Prerequisite: BIM I is Suggested
Credit: ½
Grade Level: 10-12
Course Length: Semester

Focuses on the options for business ownership, steps for starting a business, sources of information and technical assistance, types of business plans, qualities of an entrepreneur, the importance of entrepreneurs, and the advantages and disadvantages of owning one’s own business.

State Elective Credit

BUSINESS MANAGEMENT - 53313
Prerequisite: BIM I is Suggested
Credit: ½
Grade Level: 10-12
Course Length: Semester

Students develop a foundation in the economical, financial, technological, international, social and ethical aspects of business to become competent managers, employees, and entrepreneurs. Students incorporate a broad range of knowledge that includes legal, managerial, marketing, financial, ethical and international dimensions of business to make appropriate management decisions.

State Elective Credit

BUSINESS LAW - 53323
Prerequisite: BIM I is Suggested
Credit: ½
Grade Level: 11-12
Course Length: Semester

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

State Elective Credit
ADVERTISING & SALES PROMOTION - 53333
Prerequisite: BIM I is Suggested
Credit: ½
Grade Level: 10-12
Course Length: Semester
Advertising and Sales Promotion are key elements to any business that markets a product or service. Students will discover the goals and objectives of various types of advertising and promotion identify and analyze advertisements and promotional campaigns, select media and develop advertisements. Students will learn about the different types of advertising media, measure the effectiveness of that media and determine the costs involved. Students will learn about the promotional mix and well as the importance of public relations.

State Elective Credit
Business, Marketing & Finance

RETAILING & E-TAILING - 53343
Prerequisite: BIM I is Suggested
Credit: ½
Grade Level: 10-12
Course Length: Semester
Students will develop skills that involve electronic media techniques necessary for a business to compete in a global economy. Students will coordinate online and off-line marketing. Students will demonstrate critical-thinking skills used in decision-making models, case studies, various technologies, and business scenarios.

State Elective Credit
Business, Marketing & Finance

CAREER PREPARATION I - 53413
CAREER PREPARATION II - 53423
Prerequisite: Completed Student Information Packet & Admissions Committee Approval
Credit: 3 Each
Grade Level: 11-12
Course Length: Year
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Elective State Credit
Career Preparation
EDUCATION, HOSPITALITY & TOURISM
AND HUMAN SERVICES

http://www.achievetexas.org/Education.htm
http://www.achievetexas.org/Hospitality.htm
http://www.achievetexas.org/Human_Services.htm

CAREER & TECHNICAL EDUCATION
Sample Coherent Sequence of Courses for Education, Hospitality & Tourism and Human Services

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<thead>
<tr>
<th>9th GRADE</th>
<th>10th GRADE</th>
<th>11th GRADE</th>
<th>12th GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Human Services</td>
<td>Human Growth &amp; Development</td>
<td>Practicum in Education &amp; Training I</td>
<td>Practicum in Education &amp; Training II</td>
</tr>
<tr>
<td>Principles of Hospitality &amp; Tourism</td>
<td>Lifetime Nutrition &amp; Wellness</td>
<td>Culinary Arts I</td>
<td>Practicum in Culinary Arts II</td>
</tr>
<tr>
<td>Career Preparation I</td>
<td>Practicum in Education &amp; Training II</td>
<td>Career Preparation I or II</td>
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</tr>
</tbody>
</table>

PRINCIPLES OF HUMAN SERVICES - 54103
Prerequisite: None

Credit: ½
Grade Level: 9-12
Course Length: Semester

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. Areas of study include establishing measurable goals, leadership skills, job interviewing, grooming and appearance in a professional setting, clothing selection, maintenance and construction, nutrition, wellness, and the preparation of nutritious meals. Students will be responsible for cost of additional supplies.

State Elective Credit

PRINCIPLES OF HOSPITALITY & TOURISM - 54113
Prerequisite: None

Credit: ½
Grade Level: 9-12
Course Length: Semester

Students use knowledge and skills that meet industry standards to function effectively in various positions within the travel and tourism; recreation, amusement, attractions, and resorts; and restaurants and food beverage service industries. Students will be responsible for cost of additional supplies.

State Elective Credit

HUMAN GROWTH & DEVELOPMENT - 54123
Prerequisite: None

Credit: 1
Grade Level: 10-12
Course Length: Year

Students will examine the human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development. Students will be responsible for cost of additional supplies.

State Elective Credit
LIFETIME NUTRITION & WELLNESS - 54133

Prerequisite: None
Credit: 1
Grade Level: 10-12
Course Length: Year

This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness and pursue careers related to hospitality, human services, and health sciences. Laboratory experiences will focus on the integration of nutrition and wellness knowledge with basic food preparation and management skills. Students will be responsible for cost of additional supplies.

State Elective Credit

Education, Hospitality & Tourism and Human Services

INSTRUCTIONAL PRACTICES IN EDUCATION & TRAINING - 54213

Prerequisite: Human Growth and Development / Application and Admissions
Credit: 2
Grade Level: 11-12
Course Length: Year

Committee Approval / Criminal Background Check

A field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching practices. Students will work under the joint direction and supervision of a teacher who has expertise in the areas of child development and educational methodology and an exemplary educator who is working in an instruction role in an elementary/middle/high school setting. Students will 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. Student MUST provide transportation. Student is responsible for the cost of uniform totaling approximately $35.

State Elective Credit

Education, Hospitality & Tourism and Human Services

PRACTICUM IN EDUCATION & TRAINING - 54223

Prerequisite: Practicum in Education & Training I / Application and Admissions
Credit: 2
Grade Level: 12
Course Length: Year

Committee Approval / Criminal Background Check

This 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 are under the joint direction and supervision of both a teacher and exemplary educators in direct instructional roles with elementary-, middle school- and high school-aged students. Student MUST provide transportation. Student is responsible for the cost of uniform totaling approximately $35.

State Elective Credit

Education, Hospitality & Tourism and Human Services

CULINARY ARTS - 54313

Prerequisite: Principals of Hospitality & Tourism / Lifetime Nutrition and Wellness / Admissions Committee Approval
Credit: 2
Grade Level: 11-12
Course Length: Year

This laboratory-based course begins with the fundamentals and principles of the art of food preparation and includes management and production skills and techniques. Students will receive a national sanitation certification, ServSafe Certification. The knowledge and skills required for careers in the restaurant, food, and beverage industry are practiced as food is prepared for a campus cafeteria. Student MUST provide transportation. Student is responsible for cost of additional supplies totaling approximately $35.

State Elective Credit

Education, Hospitality & Tourism and Human Services

PRACTICUM IN CULINARY ARTS - 54323

Prerequisite: Practicum in Culinary Arts I / Admissions Committee Approval
Credit: 2
Grade Level: 12
Course Length: Year

This laboratory-based course is designed to be a continuation of the Culinary Arts program. Students continue to refine their knowledge and skills required for careers in the restaurant, food, and beverage industry. Students can pursue a national sanitation certification and other appropriate industry certifications. Laboratory activities involve food production in a professional setting. Student MUST provide transportation. Student is responsible for cost of additional supplies totaling approximately $35.

State Elective Credit

Education, Hospitality & Tourism and Human Services
HEALTH SCIENCE & ATHLETIC TRAINING

This work-based learning program will prepare students with a variety of skills for a fast-changing workplace. Students will learn employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Students MUST be sixteen (16) years of age. Students are normally of junior or senior standings and MUST have reliable transportation. Students MUST have/find paid employment within the first fifteen (15) days of school. Students MUST work an average of 15 hours per week for this three (3) credit course. Offers opportunity to earn OSHA General Industry Safety Certification. Students are highly encouraged to join DECA (optional), which looks great on college resumes!! Please send emails to Misty Towles if you have questions or would like to schedule a time to learn more about this course. Email: mtowles@misd.org.

Elective State Credit

Career Preparation

PRINCIPLES OF HEALTH SCIENCE - 55103

The 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.

MEDICAL TERMINOLOGY - 55133

Students will be introduced to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Description</th>
<th>Prerequisites</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
<th>Parent Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH - 55113</td>
<td>None</td>
<td>Provides students with an introduction to health facts which develop proper attitudes, establish practices and habits that will contribute to personal, family, and community health. Required Course by MISD for State Health Credit</td>
<td></td>
<td>½</td>
<td>9-12</td>
<td>Semester</td>
<td>Health Science</td>
</tr>
<tr>
<td>HEALTH SCIENCE - 55123</td>
<td>Principles of Health Science and Medical Terminology</td>
<td>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 clinical rotation and career preparation learning. May substitute for required MISD Health credit if taken for full year.</td>
<td>Biology / Chemistry or Concurrent Enrollment</td>
<td>1</td>
<td>10-12</td>
<td>Year</td>
<td>Health Science</td>
</tr>
<tr>
<td>ANATOMY &amp; PHYSIOLOGY - 15513</td>
<td>Extends understanding of the structure and function of the human body. Students will explore physiological systems and associated pathologies. Higher order thinking is stressed through assessment and synthesis of the anatomical knowledge combined with exposure to clinical analysis. Principles of physiology will be applied to human health and well being. State Science Credit or State Elective Credit</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Health Science</td>
<td></td>
</tr>
<tr>
<td>ATHLETIC TRAINING I - 31113</td>
<td>The focus for the student is to become proficient in first aid, recognition, treatment, and rehabilitation of sports related injuries. The student will develop time management skills, responsibility, work ethics, and enhanced personal growth.</td>
<td>Principles of Health Science / Athletic Trainer’s Approval</td>
<td></td>
<td>1</td>
<td>9-12</td>
<td>Year</td>
<td>Health Science</td>
</tr>
<tr>
<td>ATHLETIC TRAINING II - 31123</td>
<td>Students will perform designated duties in the training room and at practices and games. The time required after school duties can vary from 10-25 hours per week. Students must go through an interview process followed by the Athletic Trainer and parental approval.</td>
<td>Athletic Training I / Athletic Trainer’s Approval</td>
<td></td>
<td>1 Each</td>
<td>10-12</td>
<td>Year</td>
<td>Health Science</td>
</tr>
<tr>
<td>CAREER PREPARATION I - 53413</td>
<td>This work-based learning program will prepare students with a variety of skills for a fast-changing workplace. Students will learn employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Students MUST be sixteen (16) years of age. Students are normally of junior or senior standings and MUST have reliable transportation. Students MUST have/find paid employment within the first fifteen (15) days of school. Students MUST work an average of 15 hours per week for this three (3) credit course. Offers opportunity to earn OSHA General Industry Safety Certification. Students are highly encouraged to join DECA (optional), which looks great on college resumes!! Please send emails to Misty Towles if you have questions or would like to schedule a time to learn more about this course. Email: <a href="mailto:mtowles@misd.org">mtowles@misd.org</a>.</td>
<td>Completed Student Information Packet &amp; Admissions Committee</td>
<td>3 Each</td>
<td>11-12</td>
<td>Year</td>
<td>Career Preparation</td>
<td></td>
</tr>
<tr>
<td>CAREER PREPARATION II - 53423</td>
<td>Elective State Credit</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# CAREER & TECHNICAL EDUCATION

**Sample Coherent Sequence of Courses Government, Law, Public Safety, Corrections & Security and MCJROTC Cluster**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th GRADE</td>
<td>• Principles of Law, Public Safety, Corrections and Security</td>
</tr>
<tr>
<td></td>
<td>• MCJROTC I</td>
</tr>
<tr>
<td>10th GRADE</td>
<td>• Principles of Law, Public Safety, Corrections &amp; Security</td>
</tr>
<tr>
<td></td>
<td>• Law Enforcement I</td>
</tr>
<tr>
<td></td>
<td>• Court Systems &amp; Practices</td>
</tr>
<tr>
<td></td>
<td>• MCJROTC I or II</td>
</tr>
<tr>
<td>11th GRADE</td>
<td>• Law Enforcement I or II</td>
</tr>
<tr>
<td></td>
<td>• Correctional Services</td>
</tr>
<tr>
<td></td>
<td>• MCJROTC II or III</td>
</tr>
<tr>
<td></td>
<td>• Career Preparation I</td>
</tr>
<tr>
<td>12th GRADE</td>
<td>• Law Enforcement I or II</td>
</tr>
<tr>
<td></td>
<td>• Correctional Services</td>
</tr>
<tr>
<td></td>
<td>• MCJROTC III or IV</td>
</tr>
<tr>
<td></td>
<td>• Career Preparation I</td>
</tr>
</tbody>
</table>

**PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY - 56103**

**Prerequisite**
None

**Credit**
½

**Grade Level**
9-12

**Course Length**
Semester

Students will be introduced to professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections. NOTE: Since this course has a substantial writing component, strong writing skills are required. Writing comprises a substantial percentage of the course average. Comprehensive reading skills are a must since complex laws are read, analyzed, and applied to scenarios.

**State Elective Credit**
Government, Law & Public Safety

**COURT SYSTEMS & PRACTICES - 56113**

**Prerequisite**
Principles of Law, Public Safety, Corrections and Security

**Credit**
1

**Grade Level**
10-12

**Course Length**
Year

Court Systems and Practices is an overview of the federal and state court systems. The course identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and frisk, and interrogation. NOTE: Since this course has a substantial writing component, strong writing skills are required. Writing comprises a substantial percentage of the course average. Comprehensive reading skills are a must since complex laws are read, analyzed, and applied to scenarios. Offers opportunity to earn OSHA General Industry Safety Certification.

**State Elective Credit**
Government, Law & Public Safety

**CORRECTIONAL SERVICES - 56123**

**Prerequisite**
Principles of Law, Public Safety, Corrections and Security

**Credit**
1

**Grade Level**
11-12

**Course Length**
Year

In Correctional Services, students prepare for certification required for employment as a correctional officer. The student will learn the role and responsibilities of a correctional officer; discuss relevant rules, regulations, and laws; and discuss defensive tactics, restraint techniques, and first aid procedures as used in the correctional setting. The student will analyze rehabilitation and alternatives to institutionalization. NOTE: Since this course has a substantial writing component, strong writing skills are required. Writing comprises a substantial percentage of the course average. Comprehensive reading skills are a must since complex laws are read, analyzed, and applied to scenarios. Offers opportunity to earn OSHA General Industry Safety Certification.

**State Elective Credit**
Government, Law & Public Safety
**LAW ENFORCEMENT I – 56133**

<table>
<thead>
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<th>Prerequisite</th>
<th>Credit</th>
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<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Law, Public Safety, Corrections and Security</td>
<td>1</td>
<td>10-12 Year</td>
<td></td>
</tr>
</tbody>
</table>

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 constitution law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime. NOTE: Since this course has a substantial writing component, strong writing skills are required. Writing comprises a substantial percentage of the course average. Comprehensive reading skills are a must since complex laws are read, analyzed, and applied to scenarios. Offers opportunity to earn OSHA General Industry Safety Certification.

**State Elective Credit**

**MCJROTC I – 56203**

<table>
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<th>Prerequisite</th>
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<th>Course Length</th>
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<tbody>
<tr>
<td>None</td>
<td>1</td>
<td>9-12 Year</td>
<td></td>
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</table>

The Marine Corps JROTC program is a four year program that is designed to prepare students for life beyond high school. The mission of the Marine Corps Junior ROTC is to: 1. Develop informed and responsible citizens, 2. Develop leadership skills, 3. Strengthen character, 4. Help form habits of self-discipline, 5. Develop respect for, and an understanding of, the need for constituted authority in a democratic society. The program focuses on developing respect for authority and personal responsibility in the first year. The second through fourth years build on the first year by offering an opportunity to become involved in a variety of teams to include Armed & Unarmed Drill, Color Guard, Air Rifle and Orienteering. The JROTC teams reinforce the tenets taught in the classroom and are the building blocks for potential assignment to leadership roles later on in the program. Completion of JROTC offers immediate benefits (promotions) for those students choosing to enlist after high school. We also help prepare students with ROTC and Service Academy Scholarship applications in their junior and senior year.

All uniforms, equipment and supplies are furnished by the program except the student's personal athletic clothing. The approximate cost of the personal athletic clothing is $25. Students are required to furnish a physical examination at the beginning of the year and must be able to complete the basic physical functions associated with military drill and rudimentary forms of exercise. Physical Education waiver can be used for both semesters.

**State Elective Credit**

**MCJROTC II – 56213**

**MCJROTC III – 56223**

**MCJROTC IV – 56233**

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCJROTC I/ Admissions Committee Approval</td>
<td>1 Each</td>
<td>10-12 Year</td>
<td></td>
</tr>
</tbody>
</table>

JROTC II/III/IV builds on the first year experience by allowing cadets to be assigned leadership roles within the unit. Cadets learn decision making and the fundamentals of leadership while taking on ever increasing roles of responsibility within the unit. Additionally, cadets assume leadership roles within the after-school teams that further develop their sense of shared purpose and belonging. All general information contained in JROTC I above also applies to JROTC II/III/IV.

**State Elective Credit and Physical Education Waiver**

**MCJROTC DRILL I – 56253**

**MCJROTC DRILL II – 56263**

**MCJROTC DRILL III – 56273**

**MCJROTC DRILL IV – 56283**

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admissions Committee Approval</td>
<td>1 Each</td>
<td>9-12 Year</td>
<td></td>
</tr>
</tbody>
</table>

This course is available only to cadets taking a regular JROTC class. Cadets who attend and are selected after tryouts for the drill teams will develop and refine the leadership skills and sense of teamwork initiated in the regular JROTC classes. Teams include Armed/Unarmed Drill as well as Color Guard. Precision drill, academics and detailed grooming standards are all emphasized in preparation for competitive drill and athletic events. Cadets selected for this class must be available after school on selected days for practice. Cadets will be required to attend competitive events several times throughout the year in/around the state.

**State Elective Credit**
### MCJROTC STUDENT LEADERSHIP – 56313

<table>
<thead>
<tr>
<th>Prerequisite</th>
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<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admissions Committee Approval</td>
<td>1</td>
<td>12</td>
<td>Year</td>
</tr>
</tbody>
</table>

This course is available only to select JROTC seniors who have indicated a desire to enlist immediately after high school, or who are preparing ROTC/Service Academy scholarships. Physical conditioning is emphasized as well as the basic elements of self-discipline necessary to succeed in both a college and military environment. Students are given advanced information regarding enlistment and scholarship opportunities.

### State Elective Credit

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<thead>
<tr>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
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</thead>
<tbody>
<tr>
<td>3 Each</td>
<td>11-12</td>
<td>Year</td>
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### CAREER PREPARATION I - 53413

<table>
<thead>
<tr>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
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### CAREER PREPARATION II - 53423

<table>
<thead>
<tr>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Each</td>
<td>11-12</td>
<td>Year</td>
</tr>
</tbody>
</table>

This work-based learning program will prepare students with a variety of skills for a fast-changing workplace. Students will learn employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Students **MUST** be sixteen (16) years of age. Students are normally of junior or senior standings and **MUST** have reliable transportation. Students **MUST** have/find paid employment within the first fifteen (15) days of school. Students **MUST** work an average of 15 hours per week for this three (3) credit course. Offers opportunity to earn OSHA General Industry Safety Certification. Students are highly encouraged to join DECA (optional), which looks great on college resumes!! Please send emails to Misty Towles if you have questions or would like to schedule a time to learn more about this course. Email: mtowles@misd.org.
## Sample Coherent Sequence of Courses for Information Technology

<table>
<thead>
<tr>
<th>9th GRADE</th>
<th>10th GRADE</th>
<th>11th GRADE</th>
<th>12th GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Information Management I</td>
<td>Business Information Management I or II</td>
<td>Business Information Management I or II</td>
<td>Research in Information Technology</td>
</tr>
<tr>
<td>Digital &amp; Interactive Media</td>
<td>Digital &amp; Interactive Media</td>
<td>Digital &amp; Interactive Media</td>
<td>Computer Programming</td>
</tr>
<tr>
<td>Web Technologies</td>
<td>Web Technologies</td>
<td>Web Technologies</td>
<td>AP Computer Science</td>
</tr>
<tr>
<td>Computer Programming</td>
<td>Computer Programming</td>
<td>Computer Programming</td>
<td>Career Preparation I</td>
</tr>
</tbody>
</table>

### BUSINESS INFORMATION MANAGEMENT I (BIM I) - 53113

**Prerequisite:** None  
**Credit:** 1  
**Grade Level:** 9-12  
**Course Length:** Year  

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business of emerging technologies, create word-processing documents, develop a spreadsheet, formulate databases, and make electronic presentations using appropriate software.

**MISD State Technology Application Credit:** Information Technology

### BUSINESS INFORMATION MANAGEMENT II (BIM II) – 53123

**Prerequisite:** 80 or Higher in Business Information Management I  
**Credit:** 1  
**Grade Level:** 10-12  
**Course Length:** Year  

Students will create complex word-processing documents, sophisticated spreadsheets, graphs, charts and presentations using appropriate multimedia software. Students prepare for the business world and postsecondary education by strengthening computer, communications, analytical, and technical skills. Students leave this class with an electronic digital portfolio, technical skill competencies and possibly licensure or certifications. (Microsoft Office certification testing is recommended for everyone taking this course).

**MISD State Technology Application Credit:** Business, Marketing & Finance

### DIGITAL & INTERACTIVE MEDIA - 57123

**Prerequisite:** BIM I  
**Credit:** 1  
**Grade Level:** 10-12  
**Course Length:** Year  

In this year long class, students will create digital graphics in Adobe Photoshop, animation in Adobe Flash, movies in Adobe Premiere Pro, manipulate music and sound in Adobe Soundbooth, and create digital portfolios in Adobe Acrobat. Students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students will enhance their reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment in addition to developing basic computer literacy skills to prepare for a rapidly evolving workplace environment. **This course is recommended for students who have successfully completed BIM I or any other advanced computer/technical credit course.**

**MISD State Technology Application Credit:** Information Technology
## WEB TECHNOLOGIES - 57133

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIM I or Admissions Committee Approval</td>
<td>1</td>
<td>10-12</td>
<td>1 Year</td>
</tr>
</tbody>
</table>

Through the study of web technologies and design, students learn to make informed decisions and apply the decisions to the field of information technology. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment. The course focuses on the creation of web sites using a variety of modern web standards such as XHTML/HTML and CSS, and includes work with animation and graphics.

**MISD State Technology Application Credit**

**Information Technology**

## COMPUTER PROGRAMMING - 57143

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>85 or Higher In Algebra I or Admissions Committee Approval</td>
<td>1</td>
<td>10-12</td>
<td>1 Year</td>
</tr>
</tbody>
</table>

Students acquire knowledge of computer programming techniques and concepts appropriate to developing executable programs. Computer Programming is not a course on using applications; it is an advanced math-intensive course on writing and creating software that can be used by other people.

**MISD State Technology Application Credit**

**Information Technology**

## AP COMPUTER SCIENCE - 57153

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Programming / Admissions Committee Approval / See AP Criteria</td>
<td>1</td>
<td>11-12</td>
<td>1 Year</td>
</tr>
</tbody>
</table>

This course covers and expands on the Computer Science Advanced Placement guidelines and is equivalent to a first-semester college course in Computer Science. It includes an in-depth study of large program design and implementation, complex algorithms, and various data structures. The course is taught in using the Java programming language. Upon completion of this course, a student may elect to take the AP Exam. The cost is approximately $89.00. Colleges may award credit based on the score of the AP Exam. **Students may NOT self-elect out of this course at any time during the school year because there is no equivalent level course available.**

**MISD State Technology Application Credit**

**Information Technology**

## RESEARCH IN INFORMATION TECHNOLOGY SOLUTIONS - 57163

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Computer Science and Admissions Committee Approval</td>
<td>2</td>
<td>12</td>
<td>1 Year</td>
</tr>
</tbody>
</table>

Students gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation, and assessment of products, services, and systems. The course consists of one or more large-scale, practical programming projects each six weeks, and allows students to develop real-world, timeline-driven applications of Computer Science using advanced topics such as networking and graphics. A variety of programming languages will be introduced and used.

**MISD State Technology Application Credit**

**Information Technology**

## CAREER PREPARATION I - 53413

<table>
<thead>
<tr>
<th>Prerequisite</th>
<th>Credit</th>
<th>Grade Level</th>
<th>Course Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed Student Information Packet &amp; Admissions Committee Approval for 53413</td>
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<td>1 Year</td>
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**Elective State Credit**

**Career Preparation**

## CAREER PREPARATION II - 53423

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**Elective State Credit**

**Career Preparation**
Applied classes are offered for students who have difficulties with the general education curriculum and meet TEA eligibility criteria through the ARD process.

**ENGLISH LANGUAGE ARTS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>PEIMS Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLIED ENGLISH I – 80113</td>
<td>PEIMS 03220105</td>
</tr>
<tr>
<td>APPLIED ENGLISH II – 80123</td>
<td>PEIMS 03220205</td>
</tr>
<tr>
<td>APPLIED ENGLISH III – 80133</td>
<td>PEIMS 90080131</td>
</tr>
<tr>
<td>APPLIED ENGLISH IV - 80143</td>
<td>PEIMS 90080141</td>
</tr>
</tbody>
</table>

**Prerequisite**

**Credit**

**Grade Level**

**Course Length**

**Eligibility Through The ARD Process**

1 Each

9-12

Year

Grammar, composition, vocabulary, reading and literature are studied, with one required outside readings per six-week period at each level. Listening and speaking skills will be used in analyzing and interpreting information. Available technology, including databases and the internet, will be utilized in all classes. English I and II offer a comprehensive study of grammar and practice in basic reading and writing skills; literature instruction will be by theme. English III offers a study of American literature, while English IV offers the study of British literature. Research papers or projects are required for English I, II, III and IV. **English I-IV is taken in sequence. This course will be modified to meet the individual needs of the students.**

**English Credit**

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>APPLIED READING I – 80213</td>
<td>PEIMS 90080211</td>
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<tr>
<td>APPLIED READING II – 80223</td>
<td>PEIMS 90080221</td>
</tr>
<tr>
<td>APPLIED READING III – 80233</td>
<td>PEIMS 90080231</td>
</tr>
<tr>
<td>APPLIED READING IV – 80243</td>
<td>PEIMS 90080241</td>
</tr>
</tbody>
</table>

**Prerequisite**

**Credit**

**Grade Level**

**Course Length**

**Eligibility Through The ARD Process**

1 Each

9-12

Year

This course is designed for the student who has difficulties with reading and decoding materials. This course includes various types of reading materials necessary to develop skills in decoding and comprehension of written materials. **English Credit**

**MATH**

<table>
<thead>
<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>APPLIED ALGEBRA I – 80313</td>
<td>PEIMS 03100505</td>
</tr>
</tbody>
</table>

**Prerequisite**

**Credit**

**Grade Level**

**Course Length**

**Eligibility Through The ARD Process**

1

9-12

Year

Topics of study include operations with the real number system, solving equations and inequalities, graphing linear and quadratic functions, solving systems of equations, operations with polynomials, exponential functions and probability. This course will be taught on alternating days. Purchase of a graphing calculator is strongly recommended. **This course will be modified to meet the individual needs of the students.**

**Math Credit**

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>APPLIED GEOMETRY – 80323</td>
<td>PEIMS 03100705</td>
</tr>
</tbody>
</table>

**Prerequisite**

**Credit**

**Grade Level**

**Course Length**

**Eligibility Through The ARD Process**

1

9-12

Year

Using spatial models, students will develop mathematical and deductive reasoning skills. After studying properties of geometric figures, students will apply this knowledge to real-life situations by writing mathematical equations and then use previously acquired skills to solve them. **This course will be modified to meet the individual needs of the students.**

**Math Credit**

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>APPLIED MATH MODELS WITH APPLICATIONS – 80333</td>
<td>PEIMS 90080331</td>
</tr>
</tbody>
</table>

**Prerequisite**

**Credit**

**Grade Level**

**Course Length**

**Eligibility Through The ARD Process**

1

9-12

Year

In this course students use mathematical models from algebra, geometry, probability, statistics, and trigonometry, plus connections among these to solve problems from a wide variety of advanced applications in both mathematical and non-mathematical situations. Purchase of a graphing calculator is strongly recommended. **This course will be modified to meet the individual needs of the students.**

**Math Credit**
SPECIAL SERVICES (CONT.)

MATH – CONT.

APPLIED ALGEBRA II – 80343
Prerequisite
Eligibility Through The ARD Process
This course is a study of linear equations, inequalities, matrices, real and complex quadratic equations, functions, exponential and logarithmic functions, polynomials, and polynomial functions, rational functions and quadratic relations. Purchase of a graphing calculator is strongly recommended. This course will be modified to meet the individual needs of the students. Math Credit

SCIENCE

APPLIED INTEGRATED PHYSICS & CHEMISTRY - 80613
Prerequisite
Eligibility Through The ARD Process
Introduces the student to the basic concepts of physics and chemistry. Topics include safety, scientific methods, measurement, mechanics, optics, acoustics, electricity magnetism and the basic concepts of general chemistry. This course will be modified to meet the individual needs of the students. Science Credit

APPLIED BIOLOGY – 80623
Prerequisite
Eligibility Through The ARD Process
Students will expand their knowledge of scientific processes as they apply to the nature of living systems. Extensive discussions and many lab activities relating to biology concepts, terms and theories provide a foundation for understanding the living world. This course will be modified to meet the individual needs of the students. Science Credit

APPLIED ENVIRONMENTAL SYSTEMS – 80633
Prerequisite
Eligibility Through The ARD Process
In Environmental Systems, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include ecosystems, biomes, and sources and flow of energy through an environmental system. Students will examine the impact of human activity on the environment, use and conservation of resources, and pollution. Careers in environmental science will also be explored. This course will be modified to meet the individual needs of the students. Science Credit

APPLIED CHEMISTRY – 80643
Prerequisite
Eligibility Through The ARD Process
This course is designed to give a basic knowledge of atomic structure as it relates to the chemical behavior of elements. Laboratory activities are utilized in helping students understand chemistry. This course will be modified to meet the individual needs of the students. Science Credit

APPLIED WORLD GEOGRAPHY - 80713
Prerequisite
Eligibility Through The ARD Process
This course is designed to provide students an opportunity to study the world in which they live. The material focuses on regional studies of the five themes of geography. Students gain an understanding of geographical terms, develop map skills, locate and study different landforms and regions of the world, and learn how people and geography affect each other. Students also learn how people adapt to and change the world around them. This course will be modified to meet the individual needs of the students. Social Studies Credit
APPLIED WORLD HISTORY - 80723
Prerequisite
Eligibility Through The ARD Process
A history of the world from primitive man in Egypt, China, India, Africa and America to the Greek and Roman periods; the Age of Monarch, Industrial Progress, era of revolution, Nationalism and Imperialism up; the present events in history. This course will be modified to meet the individual needs of the students.
Social Studies Credit

APPLIED UNITED STATES HISTORY - 80733
Prerequisite
Eligibility Through America's history from the 1860's to the present. Helps students understand the present and prepare for the future. Students are stimulated to study motives and viewpoints and to become wiser, more democratic citizens. This course will be modified to meet the individual needs of the students.
Social Studies Credit

APPLIED US GOVERNMENT/ECONOMICS - 80743
Prerequisite
Eligibility Through The ARD Process
This course is designed to prepare students for decision-making within the framework of the American political system. The course begins with an overview of basic concepts found in all political systems, the philosophical background that led to our constitutional development, and the basic concepts found in the Constitution. The three branches of the federal government, including current issues of interest nationally, will be studied. In addition, students survey the fields of civil rights and liberties, political parties and suffrage, and a study of the Texas Constitution, state and local government.
The study of our economic system is characterized by private or corporate ownership of capital goods, by investments that are determined by private decisions rather than by state control, and by prices, production, and the distribution of goods that are determined in a free manner. This course will be modified to meet the individual needs of the students.
Social Studies Credit

HEALTH AND P.E.

ADAPTIVE PHYSICAL EDUCATION – 80013
Prerequisite
Eligibility Through The ARD Process
Designed to give the student skills to participate in and enjoy the leisure activities that the community has to offer. Students learn different sports and activities based on their interests, and what is available to them within the community.
Physical Education Credit

VOCATIONAL ELECTIVES

PRE-EMPLOYMENT LAB – 81103
Prerequisite
Eligibility Through The ARD Process
This program is designed to provide hands on instruction in the world of employment. Classroom instructions include personal fact sheets, job applications, employer/employee relations and workplace needs. Students receive non-paid supervised job training at community sites. Emphasis is placed on becoming a good employee. The need for positive attitude and good work habits are also stressed.
Elective Credit
Lifeskills classes are designed for students with emerging academic or functional skills, and who benefit from a more structured environment.

PRINCIPAL ENGLISH LANGUAGE ARTS I – 85113  
PRINCIPAL ENGLISH LANGUAGE ARTS II – 85123  
PRINCIPAL ENGLISH LANGUAGE ARTS III – 85133  
PRINCIPAL ENGLISH LANGUAGE ARTS IV – 85143

This course is designed for the student who is a non-reader or emerging reader. Emphasis is placed on letter formation, phonics and beginning writing skills. This course meets the language arts requirement toward graduation.

Language Arts Credit
### SPECIAL SERVICES - LIFESKILLS (CONT.)

<table>
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<tbody>
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<td>85213</td>
<td>PRACTICAL READING I</td>
<td>90085213</td>
</tr>
<tr>
<td>85223</td>
<td>PRACTICAL READING II</td>
<td>90085223</td>
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<td>85233</td>
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<tr>
<td>85243</td>
<td>PRACTICAL READING IV</td>
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**Prerequisite:**

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<tr>
<td>1</td>
<td>9-12</td>
<td>Year</td>
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</table>

**Eligibility Through The ARD Process:**

This course is designed for the student who is a non-reader or emerging reader. Emphasis is placed on letter recognition, basic sight words, and beginning reading selections. Audio materials are used in conjunction with printed materials to encourage the development of reading skills.

**Language Arts Credit**

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<tbody>
<tr>
<td>85313</td>
<td>PRACTICAL ALGEBRA I</td>
<td>03010507</td>
</tr>
<tr>
<td>85323</td>
<td>PRACTICAL GEOMETRY</td>
<td>03010707</td>
</tr>
<tr>
<td>85333</td>
<td>PRACTICAL MMA</td>
<td>90085333</td>
</tr>
<tr>
<td>85343</td>
<td>PRACTICAL ALGEBRA II</td>
<td>90085343</td>
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</table>

**Eligibility Through The ARD Process:**

This course is designed for the student with emerging number skills. Skills emphasized are number recognition; counting, basic addition, subtraction, multiplication, division, time concepts and money skills. This course meets the math requirement toward graduation.

**Math Credit**

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<tbody>
<tr>
<td>85413</td>
<td>PRACTICAL IPC</td>
<td>90085413</td>
</tr>
<tr>
<td>85423</td>
<td>PRACTICAL BIOLOGY</td>
<td>03010207</td>
</tr>
<tr>
<td>85433</td>
<td>PRACTICAL ENVIRONMENTAL SYSTEMS</td>
<td>03010207</td>
</tr>
<tr>
<td>85443</td>
<td>PRACTICAL CHEMISTRY</td>
<td>90085443</td>
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**Eligibility Through The ARD Process:**

Students will engage in scientific discovery that covers a variety of topics such as meal preparation, clothing care, horticulture exploration, weather, climate and personal health skills. We will also explore many ways to appreciate science in everyday life. This course meets the science requirement toward graduation.

**Science Credit**

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<tbody>
<tr>
<td>85513</td>
<td>PRACTICAL WORLD GEOGRAPHY</td>
<td>03320107</td>
</tr>
<tr>
<td>85523</td>
<td>PRACTICAL WORLD HISTORY</td>
<td>03340407</td>
</tr>
<tr>
<td>85533</td>
<td>PRACTICAL US HISTORY</td>
<td>03340107</td>
</tr>
<tr>
<td>85543</td>
<td>PRACTICAL GOVERNMENT/ECONOMICS</td>
<td>90085543</td>
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</table>

**Prerequisite:**

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<td>Year</td>
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</table>

**Eligibility Through The ARD Process:**

This course is designed to give the student necessary skills to function in the community. Instruction includes on-site training in the community. Areas of emphasis are warning sign recognition, consumer information and social skills. This course meets the social studies requirement toward graduation.

**Social Studies Credit**

<table>
<thead>
<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>83153</td>
<td>PRACTICAL CAREER</td>
<td>90083151</td>
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</tbody>
</table>

**Prerequisite:**

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<tbody>
<tr>
<td>1</td>
<td>9-12</td>
<td>Year</td>
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</table>

**Eligibility Through The ARD Process:**

This course helps to prepare students for future employability. Students participate in a variety of activities such as sorting, collating, filing, assembling, and cleaning.

**Elective Credit**
### PRACTICAL FOUNDATIONS AND HEALTH – 83173

<table>
<thead>
<tr>
<th>Prerequisite</th>
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</tr>
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<tbody>
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<td>Eligibility Through The ARD Process</td>
<td>1</td>
<td>9-12</td>
<td>Year</td>
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</tbody>
</table>

Students participate in a variety of interactive games, which address both fine and gross motor skills. This course fulfills the P.E. requirement toward graduation.

**Physical Education Credit and Health Credit**

### PRACTICAL ART – 83183

<table>
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<th>Course Length</th>
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<td>1</td>
<td>9-12</td>
<td>Year</td>
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</tbody>
</table>

The purpose of this class is to develop manipulative skills, while creating artwork, using a variety of materials. This course meets the fine arts requirement toward graduation.

**Fine Arts Credit**

### PRACTICAL COMMUNICATION APPLICATIONS (SPEECH) – 83193

<table>
<thead>
<tr>
<th>Prerequisite</th>
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<th>Course Length</th>
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<td>Year</td>
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</table>

Communication Applications emphasizes the application of communication skills in business and social settings. This course meets the communication applications requirement toward graduation.

**Communication Applications Credit**

### WBL/ VOCATIONAL I – 84113 (WORK BASED LEARNING)

<table>
<thead>
<tr>
<th>Prerequisite</th>
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<th>Grade Level</th>
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<tbody>
<tr>
<td>Eligibility Through the ARD Process with Work-Based Learning Teacher of Record Approval and based upon individual needs. Students and parents are given a Work-Based Learning Program Handbook, a parent permission form, and a training site agreement. All parties involved must agree to accept the various responsibilities listed therein. The Work Based Learning activities are a combination of classroom work and structured non-paid vocational exploration, assessment, and vocational training. This course emphasizes skills needed to successfully prepare young people for the work environment and shows relevance of academic classes to future career and educational goals. In addition, the work-related experience, job shadowing, job training and assessment help students to identify some of the needed skills, knowledge, and preparation desired for employees. Students will receive one credit per year based upon their performance at the work site, documentation of hours per semester, and completion of school assignments and paperwork related to the program. The course covers: goal setting, teamwork, legal and safety issues, ethics, attitude, conflict resolution, application and resume process. Emphasis is placed on critical workplace skill development at the worksite. A worksite job coach (non-teacher) shall be identified and shall supervise the student at the worksite</td>
<td>2 Each</td>
<td>11-12</td>
<td>Year</td>
</tr>
</tbody>
</table>

**Elective Credit**
GLOSSARY OF TERMS

AAR – Academic Achievement Record (transcript)
ACT – American College Testing - a standardized test for high school achievement and college admissions
AP – Advanced Placement
ARD – Admission, Review and Dismissal
Advanced/AP course – A course at MHS that is on a 7.0 grading scale
CATE – Career and Technology Education
CBE – Credit by Exam
CC – Counseling Center
CCC – College and Career Center
Core Courses – English Language Arts, Math, Science, Social Studies
DAP – Distinguished Achievement Program
ELA – English Language Arts
EOC – End of Course
FAFSA – Free Application for Federal Student Aid
GT – Gifted and Talented
GPA – Grade Point Average
IDEA – Individuals with Disabilities Education Act
IEP – Individualized Education Program
IPC – Integrated Physics and Chemistry
LEP – Limited English Proficiency
LPAC – Language Proficiency Assessment Committee
Level course – A level course at MHS is on a 6.0 grading scale
MHS – Montgomery High School
MHSP – Minimum High School Program
MISD – Montgomery Independent School District
NCAA – National Collegiate Athletic Association
NCCER - National Center for Construction Education and Research
OSHA – Occupational Safety & Health Administration
Posthumously – Occurring after one’s death
RHSP – Recommended High School Program
SAT – A standardized test for college admissions
SBOE – State Board of Education
SDAA – State-developed alternative assessment
STAAR – State of Texas Assessments of Academic Readiness
TAC – Texas Administrative Code
TAKS – Texas Assessment of Knowledge and Skills
TANF – Temporary Assistance for Needy Families
TEA – Texas Education Agency
TEC – Texas Education Code
TEKS – Texas Essential Knowledge and Skills
THEA – Texas Higher Education Assessment
Texas Success Initiative - State-legislated program designed to improve student success in college
Transcript – Academic Achievement Record (AAR)
UIL – University Interscholastic League
Weighted Course – An advanced or AP course which carries additional grade points due to rigorous curriculum