MANSFIELD ISD

ACADEMIC PLANNING GUIDE

2024-2025

VISION 2030

LIFE
COLLEGE
CAREER

READINESS



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Please read this guide carefully. Contact your campus counselor for additional information regarding scheduling, course prerequisites, dual credit, testing, and/or graduation requirements. **It is important to know that this course description guide includes all courses that are offered in the Mansfield ISD. However, due to enrollment and teacher availability, not every class will be offered every year at all campuses**.

PLANNING GUIDE HIGHLIGHTS

- Credit is awarded at the end of each **semester** with a grade of 70 or better.
- There are many factors to consider in selecting courses that will meet individual needs for next year.
- Remember to select courses to fit overall planning which projects beyond the high school years.
- Interest and ability should determine choices.
- Experience shows that those who plan an entire high school program early and frequently review the plan will be able to graduate without difficulty.

COURSE PLANNING

Although students will receive specific instructions during course planning time from high school personnel, the responsibility for appropriate graduation and career choices rests with students and parents. The campus counseling staff is available to assist in making decisions related to course selections.

One of the most critical functions performed by a school counselor is the planning the student's four-year graduation plan. Based upon courses selection information, courses are scheduled and teachers are employed for the next year; therefore, it is important that course planning be given serious consideration. After mid-April of each year, changes will be made only to correct scheduling errors or to equalize class enrollments.

BLOCK SCHEDULING

MISD high schools are organized on an A/B Block Schedule with students taking four classes per day on alternating days. Each block is 90 minutes in length. Ninth, tenth, and eleventh grade students are required to take eight classes each semester in the block schedule. Twelfth grade students who have passed the
required End of Course (EOC) will be required to take six classes each semester in the block schedule. Seniors who have not passed their required EOCs must take eight classes. However, all seniors are strongly advised to take advantage of the educational opportunities found in the MISD and take eight classes each semester. Seniors not taking all eight classes each semester must plan for a senior release class and leave campus during their free block. The senior release/free block must be either the first or last block of the day.

1. Remember, classes required for graduation are non-negotiable. Therefore, if you participate in a program that is double-blocked, it is critical that credits are closely monitored.
2. Courses taken at Ben Barber Innovation Academy (BBIA) are available yielding 1 credit for 18 weeks and 2-3 credits for 36 week courses.
3. The block schedule is designed so that students through the lengthened class periods can explore content more thoroughly and develop patterns of management and organization that will benefit them throughout life.
4. Carefully plan your schedule. The four-year plan is very important in order to obtain all of the courses you wish to take.
5. Spend time with your high school counselor; it is time well spent.

MISD GRADING SYSTEM FOR 9-12

The district high schools use a weighted numerical grading system. In calculating GPA, ten points are added to a student's average in AP, Pre-AP, and approved dual credit courses. **The following chart reflects the MISD grading system for grades 9-12:**

A	B	C	F
90-100	80-89	70-79	BELOW 70

NOTE: *Beginning in the 2014-2015 school year and thereafter, if a student fails either semester of any MISD yearlong course and passes the opposite semester with a high enough grade for an overall average of 70 for the full course, a full credit will be granted. In this situation, for averaging to occur, the courses must have been taken during the same school year and in consecutive semesters.*

CLASS RANK

Starting in the class of 2023, class rank will be determined by calculating grades earned in high school credit courses in the following categories:

1. English/Language Arts
2. Mathematics
3. Science
4. Social Studies
5. Languages Other Than English

ENROLLMENT

A student enrolling in the district for the first time must be accompanied by his/her parent(s) or legal guardian and must provide satisfactory evidence of required immunization, **proof of residence (utility bill or lease agreement**), copy of birth certificate and social security card, and a withdrawal form from the previous school. To complete admission, the following demographic information is necessary: home address, home phone, mother's name, place of business and work phone, father's name, place of business and work phone, and a friend or relative's name and number in case of emergency.

FOR STUDENTS ENTERING MISD FOR THE FIRST TIME IN GRADES 9-12:

This chart will be used if the previous school does not have a conversion chart of its own. MISD will use the conversion chart of the student's previous school if one is provided.

ACADEMIC CONVERSION TABLE							
A+	98	**B+**	88	**C+**	78	**D+**	68
A	95	**B**	85	**C**	75	**D**	65
A-	92	**B-**	82	**C-**	72	**D-**	62
						F	55

Students transferring into the MISD from other school districts will not receive weighted credit for advanced courses taken in their previous school district(s), if the courses in question are not offered in the MISD. Students transferring from international schools, homeschools and unaccredited schools shall be individually assessed.

SENIOR RELEASE

Students who have earned enough credits to be classified as a senior may opt to take early release or late arrival. Twelfth grade students who have passed Exit Level STAAR/EOC exams and who are considered CCMR met will be required to take six classes each semester. Seniors who have not passed Exit Level STAAR/EOC must take eight classes. Seniors who have not yet met CCMR requirements will not be allowed early release until those requirements are met. However, we strongly advise all seniors to take advantage of the educational opportunities found in our district by taking eight classes each semester. Seniors not taking all eight classes each semester must sign up for senior release and leave campus during their free classes. The senior release/free periods must be a combination of either 1st/5th periods or 4th/8th periods.

ADVANCED COURSES

MISD courses *eligible* (see conditions below in bold) for weighted credit (10 extra points averaged into the student's overall grade average reflected on the transcript) are limited to those courses identified in this course guide. Guide. **Weighted credit will automatically be given to students who receive a grade of 70 or higher in Advanced Placement (AP) courses, Pre-AP courses, Academic Decathlon, and approved dual credit courses.** MISD provides curriculum offerings for students with special talents and abilities. The goal of the advanced program is to challenge and stimulate students to the highest level of their abilities. However, students and parents should be very sensitive to the demanding nature of Advanced Placement courses.

college level activities, particularly in the areas of writing skills, reading, and test taking. Advanced Placement courses place a high degree of emphasis on the student's own self-motivation, study skills, and the ability to self-direct his or her own learning. Advanced Placement Courses, because of their academic rigor, are assigned a weighted grade factor of an additional 10 points. Qualifying for Pre-AP or Advanced Placement courses is based on interest and prerequisite courses. Students are encouraged to enroll in as many academically rigorous classes as they can manage. Advanced Placement courses prepare students for Advanced Placement examinations given by the College Board in May. These courses require one to perform at the level of a college student. A successful score on the examination gives the student's college credit or placement for the courses taken in high school, subject to the approval of the student's selected college. **It is the responsibility of the student to inquire if the college of choice accepts advanced placement exam credit and to request that credit be given.**

ADVANCED COURSES OFFERINGS

SOCIAL STUDIES	ELA/LOTE	SCIENCE
Human Geography	English III	Biology
World History	English IV	Chemistry
US History	Spanish	Physics
European History	German	Environmental-Science
Psychology	French	
Economics	Japanese	
Government	Chinese	
FINE ARTS	Computer Science	**MATH**
Studio Art	**CTE**	Calculus
Music Theory	PLTW	Statistics

It is the responsibility of the student to obtain and follow the summer reading/assignment list and testing schedule, when required, for these courses. Tarrant County College Dual Credit Courses, because of their academic rigor, are assigned a weighted grade factor of an additional 10 points. Qualifying for TCC courses is based upon past performance and prerequisite courses. Additional requirements for TCC Dual Credit Courses include an overall grade average of 80 or above. High school credit for TCC Dual Credit Courses will be designated on the high school transcript. It is the responsibility of the student to request that TCC send a copy of the college transcript to the college of choice.

GIFTED/TALENTED EDUCATION

In the 9th-12th grades, gifted students are served through Advanced Placement (AP) and Advanced Courses. **See the College Board course listings for more specific information. If you have questions, please contact your campus GT Specialist. Parents of identified gifted students should be in touch with your campus representatives on the GT Parent Advisory Council.**

SPECIAL EDUCATION PROGRAM

The special education program provides a comprehensive program for each student between the ages of three and twenty-two who has been identified as having a special need. These special needs include physical, mental, or emotional handicaps, and learning disabilities. Visually handicapped and hearing-impaired students shall have a free, appropriate education from birth through age 22. Consideration of a student's need for special education services is initiated by a referral that may be made by the parents, a physician, a community agency, and/or school personnel. In all cases, parental permission is required for participation in special education unless the student is eighteen or married.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL)

All students who enroll in MISD will complete a home language survey. If this survey indicates that a language other than English is spoken in the home or is spoken by the student, the student must be referred to the ESOL teacher for evaluation. Tests will be administered and students who are found to be limited English proficient (LEP) may enroll in ESOL classes. ESOL classes focus on intensive development of listening, speaking, reading, and writing skills in English. Two terms or credits of ESOL may count as two of the English I and II credits required for high school graduation.

CAREER AND TECHNICAL EDUCATION (CTE) PROGRAMS

Career and technical education courses provide instruction in the technical, practical, and leadership skills needed for entry-level jobs in business and industry, for entry into Tech Prep Programs at community colleges, or for entry into 4-year universities. Various types of programs are offered, which include pre-employment certifications, career preparation, and/or internships. **See the Ben Barber Innovation Academy (BBIA) section for course listings.**

PHYSICAL EDUCATION CLASSES AND SUBSTITUTIONS/WAIVERS

One credit of physical education (PE) is required for graduation by the state of Texas. Students may earn up to four state credits in PE/athletics. All PE/athletic credits after four are considered local credit. In addition to the regular physical education courses, there are several ways to substitute or waive these credits: athletics, drill team (fall semester), JV/Varsity cheerleading (fall semester), marching band (fall semester), color guard, and Junior ROTC. Students may also earn credit for PE if the student participates in an appropriate privately or commercially sponsored physical activity program. Applications for off-campus PE are available through the high school counselors. Application must be made prior to the term in which the student wishes to receive credit. **See the Health and Physical Education section for additional information on this subject.** ***Note: Students can only receive 1 state credit for PE for drill team, marching band, JROTC, cheerleading and color guard.***

COURSE CREDIT TYPES

REQUIRED:
These courses are required to fulfill state educational guidelines. A course may or may not have a prerequisite; a prerequisite is a course that must be taken prior to the course under consideration. **To receive a high school diploma from the MISD and be eligible to participate in commencement activities, a student must successfully complete the required credits and pass all portions of the required state mandated exit exam.**

ELECTIVES:
In addition to required state courses, students must choose other courses to complete their schedules. The number and types of electives varies from year to year. Elective courses or credits may be selected from additional core academic courses or from courses in the other departments.

LOCAL:
Local credit courses are courses approved for credit beyond the 26 required credits for the Foundation Graduation Plan with or without an endorsement or The Distinguished Level of Achievement. See Graduation Programs for additional information on this subject.

GRADE-LEVEL ADVANCEMENT & CLASSIFICATION

Students are classified at the beginning of each school year according to the number of credits they have earned. Required credits are listed below.

Freshman	Sophomore	Junior	Senior
0-5 ½	6-11 ½	12-18 ½	19+

In order to graduate, students must earn 26 credits, successfully complete the courses required for their specified graduation plan, and pass the designated state testing requirements.

STAAR/EOC

Students will be required to take the STAAR EOC (State of Texas Assessments of Academic Readiness End-of Course) exams. House Bill 5 reduced the number of EOC exams to five: Algebra I, United States History, English I, and II, Biology. Please note that additional information updates regarding EOC exams will be given as needed to parents and students.

HIGH SCHOOL TRANSCRIPTS FOR COLLEGE ADMISSION

Students must make a written request in the registrar's office for each needed transcript. Transcripts need to be sent directly to the colleges by the high school registrar in order to be considered official. No requests for transcripts are taken by phone. **In addition to needing transcripts for admission, colleges require a final transcript to be sent upon completion of high school graduation requirements.** Please note that a transcript is a working document and is not considered a final document until graduation. The naming of the valedictorian and salutatorian will be finalized at the end of the 5th six weeks fall semester of students' senior year and announced during the final weeks of school. Students who have attended Tarrant County College, the University of Texas at Arlington or Texas Wesleyan University for dual credit during high school must request a transcript be sent to the college where admission is being requested. High school campuses cannot provide a transcript for TCC, UTA or TWU courses.

COLLEGE READINESS EXAMS

PSAT/NMSQT:

This test is designed to test the verbal, mathematical, and written skills of students. This test is taken in preparation for the SAT during the junior year. National Merit Scholarships are available if the student's junior level scores qualify him/her to be a Finalist. College bound high school students are encouraged to take the PSAT as practice for the junior year where the scores count for scholarship consideration. This test is given only once per year in October.

SAT/ACT:

Most colleges and universities require one of two major entrance exams: the American College Testing Program (ACT) and/or the Scholastic Aptitude Test (SAT). Students usually take these during the junior year or at the beginning of the senior year. Websites are www.act.org and www.collegeboard.com

SAT II:

The test is given at no cost once a year to juniors on a school-day in March every year.

ADDITIONAL WAYS TO EARN CREDIT

The State Board of Education has proposed different methods by which a student may earn credit. For more information, please contact your high school counseling center.

Credit by Examination (CBE) For Credit Recovery (With Prior Instruction):

Credit by Exam is designed as an option to earn credit for those students who have attended a class at least 55 hours (11 weeks) and received a semester average no lower than a 60. The decision to allow a student to earn credit by exam must be made by the attendance committee when failure of the course resulted from excessive absences. Students have the opportunity to take an exam through either Texas Tech or UT Austin correspondence school. Applications may be obtained online and approved in the high school counseling center. A score of 70 or better on the CBE is required for credit. If credit is awarded, grades will be recorded on the student's transcript, computed in the credits toward graduation, and calculated in the student's overall grade average and rank in class. Fees are established by the universities. Student/Parent is responsible for fees charged by Texas Tech or UT Austin.

Credit by Examination (CBE) For Acceleration (Without Prior Instruction):

Students who provide evidence of proficiency in a subject area may take a CBE for acceleration. A score of 80% is required for credit per Senate Bill 1. **Contact your counselor or visit the MISD website for more information.** If credit is awarded, grades will be recorded on the student's transcript, computed in the credits toward graduation, and calculated in the student's overall grade average and rank in class. Testing dates and registration deadlines for the 2020-2021 school year are as follows:

Testing Date	Registration Deadline
October 3,4	September 8
February 13,14	January 12
May 1-12	November 10
July 24,25	June 7

***Students who register for an industry-based certification (IBC) or credit by exam and do **NOT** take the exam will be required to pay for the cost of procuring the examination, including charges for shipping and handling. All fees for exams not taken will be charged to the student's Skyward account.*

***May Tests are AP Exams. Registration for AP Exams occurs at each High School in the fall*

Correspondence/Online Courses:

Students in grades 9-12 are eligible to earn credits toward graduation through correspondence/online courses. Grades earned in correspondence/online courses will be recorded on the student's transcript, computed in the credits toward graduation, and calculated in the student's overall grade average and rank in class. Students may apply for these course options through their high school counseling center. Self-discipline to complete the lessons and taking the final exams within a specific time frame are important factors when considering correspondence/online courses. State approved correspondence courses are offered by Texas Tech and UT Austin. The student is responsible for all course fees and textbook(s). Additionally, the MISD offers online courses (See the *MISD Online Academics* section in this course guide for more information). Online courses taken during the school days, MISD provides course and textbooks at no cost.

GRADUATION PLANS



Foundation Plan w/Endorsement		Distinguished Level of Achievement		Foundation Plan	
English	4	English	4	English	4
Math	4	Math (w/Alg 2)	4	Math	3
Social Studies	3	Social Studies	3	Social Studies	3
Science	4	Science	4	Science	3
Languages (LOTE	2	Languages (LOTE)	2	Languages (LOTE	2
Physical Education	1	Physical Education	1	Physical Education	1
Speech	.5	Speech	.5	Speech	.5
Health	.5	Health	.5	Health	.5
Fine Arts	1	Fine Arts	1	Fine Arts	1
Endorsement Credits	4	Endorsement Credits	4	Electives	8
Electives	2	Electives	2		
TOTAL:	26	TOTAL:	26	TOTAL:	26

ADDITIONAL INFORMATION

Endorsement

An endorsement is a coherent sequence of courses for four or more credits which includes one advanced course in the designated area of study.

Distinguished Level of Achievement

Distinguished Level of Achievement is when students complete the foundation plan with endorsement (26 credits) and their course work includes Algebra II as one of the math courses. To be eligible for the state's top 10 automatic admission in to colleges and universities, students much complete the Distinguished Level of Achievement.

THE TABLE BELOW LISTS COURSE OPTIONS THAT MEET REQUIREMENTS FOR THE FOUNDATION GRADUATION PLAN WITH ENDORSEMENT.

ENGLISH LANGUAGE ARTS (4 credits total) Students must receive four ELA credits.			
Freshman (1 credit)	***Sophomore (1 credit)***	***Junior (1 credit)***	***Senior (1 credit)***
2010 English I 2013 Adv English I	2020 English II 2023 Adv English II	2030 English III 2033 AP English III 0252 TCC English Comp	2040 English IV 2043 AP English IV 2270 Creative Writing 0251 TCC English Comp (if first time taking) 0253 TCC British Literature (pre requisite is TCC English Comp)

MATH (4 credits) Students must receive credit for Algebra I & Geometry + two additional math courses. Students must successfully complete Algebra II for DLA.			
Freshman (1 credit)	***Sophomore (1 credit)***	***Junior (1 credit)***	***Senior (1 credit)***
6030 Algebra I 6033 Adv Algebra I 6050 Geometry I 6053 Adv Geometry	6050 Geometry (required) 6053 Adv Geometry 6070 Algebra II 6080 Adv Algebra II	6067 Statistics 6070 Algebra II 6080 Adv Algebra II 6090 Adv Quantitative Reasoning 6095 Algebraic Reasoning 6150 Pre-Calculus 6160 Adv Pre-Calculus 6203 AP Statistics CTE Courses that count as 3rd Math Credit: 1224CT Financial Math (10-12) 1055CA/B AP Computer Science 1272CT Accounting II (11-12)	6067 Statistics 6070 Algebra II 6080 Adv Algebra II 6090 Adv Quantitative Reasoning 6150 Pre-Calculus 6160 AP Pre-Calculus 6201 AP Calculus AB 6202 AP Calculus BC 6203 AP Statistics 0610 TCC College Algebra .5 0614 TCC College Stats .5 0617 TCC Pre Cal .5 0611 TCC Math for Business .5 0612 TCC Math for Business II .5 0618/0619 College Readiness Math I/II 1224CT Financial Math (10-12) 1272CT Accounting II (11-12) 1055CA/B AP Computer Science

SCIENCE (4 credits) Students must receive credit for Biology & Chemistry and/or Physics + 2 additional science credits.			
Freshman (1 credit)	***Sophomore (1 credit)***	***Junior (1 credit)***	***Senior (1 credit)***
8000 Biology 8003 Adv Biology	8040 Chemistry 8010 IPC 8023 Adv Chemistry	8040 Chemistry 8023 Adv Chemistry 8060 Physics 8145 Environmental Systems 8170 Astronomy 8100/0810 Anatomy & Physiology 8140 Aquatic Science 8083 AP Biology 8073 AP Chemistry 8094 AP Environmental Systems 8095 AP Physics I 8096 AP Physics II 8097 AP Physics C: Mechanics 8098 AP Physics C: Electricity 0940 TCC Biology 0942 TCC Geology 1116CT Animal Science 8120CT Medical Micro Biology 8125CT Pathophysiology 9430CT Forensic Science 1836CT Principles of Engineering	8060 Physics 8145 Environmental Systems 8170 Astronomy 8100/0810 Anatomy & Physiology 8140 Aquatic Science 8083 AP Biology 8073 AP Chemistry 8094 AP Environmental Systems 8095 AP Physics I 8096 AP Physics II 8097 AP Physics C: Mechanics 8098 AP Physics C: Electricity 0940 TCC Biology 0942 TCC Geology 1116CT Animal Science 8120CT Medical Micro Biology 8125CT Pathophysiology 9430CT Forensic Science 1836CT Principles of Engineering

SOCIAL STUDIES (3 credits) Students must receive credit for World Geography or World History, US History, Government & Economics.			
Freshman (1 credit)	***Sophomore (Optional credit)***	***Junior (1 credit)***	***Senior (1 credit)***
9000 World Geography 9205 AP Human Geography *Students may choose to take World Geo or World History to meet the requirement. Both are not required.*	9010 World History 9210 AP World History	9050 US History 9060 AP US History 0972 TCC US History	9100 Government 9140 Economics 9110 AP Government 9150 AP Economics 0911/0912 TCC Government 0915/0916 TCC Economics *Student may take additional SS credits to meet Multidisciplinary or Arts & Humanities Endorsement. See elective options on elective course list included below and in appendix.

LOTE (2 credits) Both credits must be same language			
Level I Options		**Level II Options**	
7300/7300BB Spanish I 7000 French I 7500BB Chinese I 7100BB German I 1050CT Computer Science I	7700BB Japanese II 7600BB ASL I 0760 TCC ASL I (10th grade)	7310/7310BB Spanish II 7320/73200BB ADV Spanish II 7010 French II 7013 Adv French II 7510BB Chinese II 7513BB Adv Chinese II 7100BB German II 7113BB Adv German II *Students may take additional LOTE credits for Arts & Humanities Endorsement	7710BB Japanese II 7713BB Adv Japanese II 7610BB ASL II 0761 TCC ASL II (10th grade) 1050CT Computer Science I 1051CT Computer Science II 1055CA/B AP Computer Science

PHYSICAL EDUCATION (1 credit) There are courses that may count for PE substitution (see below)	
This can include any full credit of athletics/PE substitutions offered in Football, Basketball, Baseball, Soccer, Volleyball, Cross Country/Track, Golf, Swimming **PE SUBSTITUTION COURSES**: Cheer (one credit only) Drill Team (one credit only) Marching Band (two fall semesters to equal one credit) ROTC (one credit only)	4001 Lifetime Fitness & Wellness 4003 Lifetime Recreation & Outdoor Activities 4004 Skill Based Lifetime Activities 4010 Beginning Swimming for Fitness 4011 Intermediate Swimming for Fitness

HEALTH (.5)	PROFESSIONAL COMMUNICATIONS (.5)	FINE ARTS (1 credit from the concentrations below – too see complete course offering refer to course guide)
4000 Health	2246 Professional Communications 0260/0261 TCC Speech	Art Band Dance Choir Theater 1110CT Floral Design 1053BB Digital Arts & Animation 1054BB Modeling & Animation *Students may earn an Arts and Humanities endorsement with 4 credits of fine arts/two being upper level (i.e. Band student who takes Band I-IV)

ELECTIVES (Endorsement credits = 4/Additional credits = 2)
To see a complete list of electives please review the course guide or course key below and in the appendix of the book. Electives are offered at the home campus and at Ben Barber Innovation Academy.



ENDORSEMENTS

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ARTS & HUMANITIES ENDORSEMENT

Arts & Humanities



- Five Social Studies courses
- LOTE (1 Language)
  - Four levels of the same language in a language other than English (Example: four years of Spanish (Spanish I, II, III, and IV)
- LOTE American Sign Language
  - Four levels of American Sign Language.

LOTE 2X2 (2 Language)

- Year one and two from two different languages other than English
- Fine Arts
  - A coherent sequence of four credits from one discipline in fine arts (i.e. Theatre I-IV)
  - Four credits from two different subjects in fine arts



A student must chose an endorsement they plan to earn upon entering the 9th Grade.

Students may earn more than one endorsement.

Students may change their endorsement; however they must submit their request in writing.

Students must earn a minimum of 26 credits to earn an endorsement.

FOUNDATION PLAN WITH ENDORSEMENT

English = 4
Math = 4
Science = 4
Social Studies = 3
LOTE = 2
PE = 1
Speech = .5
Health =.5
Fine Arts = 1
Endorsement Credits = 4
Electives = 2
Total = 26

BUSINESS AND INDUSTRY ENDORSEMENT

BUSINESS AND INDUSTRY



Coursework must include

- Four English credits
- Coherent sequence of four or more CTE credits - two courses in the same career cluster plus one advanced CTE course.
    - Agriculture, Food, and Natural Resources
    - Architecture and Construction
    - Arts, AV Technology, and Communications
    - Business, Marketing, and Finance
    - Hospitality and Tourism
    - Transportation, Distribution, and Logistics
    - Manufacturing
    - Information Technology
- Four credits in a coherent sequence in Journalism



A student must chose an endorsement they plan to earn upon entering the 9th Grade.

Students may earn more than one endorsement.

Students may change their endorsement; however they must submit their request in writing.

Students must earn a minimum of 26 credits to earn an endorsement.

FOUNDATION PLAN WITH ENDORSEMENT

English = 4
Math = 4
Science = 4
Social Studies = 3
LOTE = 2
PE = 1
Speech = .5
Health =.5
Fine Arts = 1
Endorsement Credits = 4
Electives = 2
Total = 26

STEM ENDORSEMENT

STEM



Coursework must include

- Algebra II, Chemistry, and Physics
- Coherent sequence of 4 or more CTE credits with 2 courses in the same career cluster plus one advanced CTE course. For example:
  - Engineering
  - Programming & Software Development
- 5 credits in Math including Algebra I, Geometry and Algebra II and courses where Algebra II is the prerequisite.
- 5 credits in Science with Biology, Chemistry and Physics
- Algebra II, Chemistry, and Physics plus 3 additional credits from no more than 2 of the areas: CTE, Computer Science, Mathematics, and/or Science



A student must chose an endorsement they plan to earn upon entering the 9th Grade.

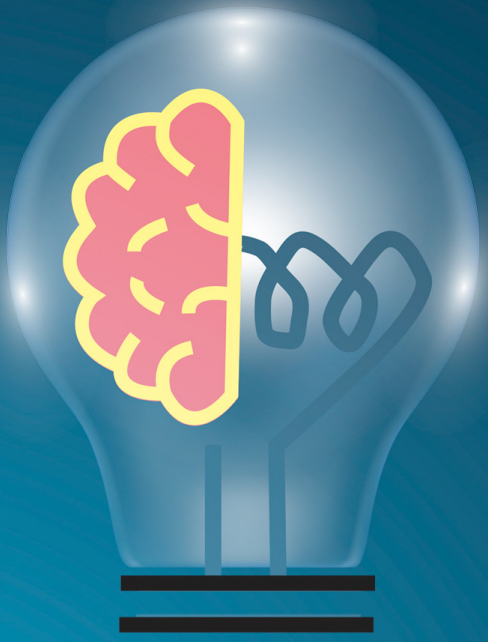
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Fine Arts = 1
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Electives = 2
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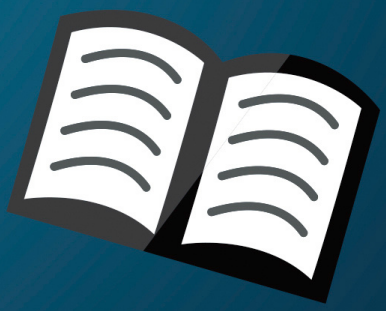




ADVANCED ACADEMICS

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ADVANCED ACADEMICS

GENERAL INFORMATION

The Advanced Placement Program® (AP®) is a collaborative effort among motivated students, dedicated teachers, and committed high schools, colleges, and universities. Since its inception in 1955, the Program has allowed millions of students to take college-level courses and exams and to earn college credit or placement while still in high school.
Seventy percent of U.S. high schools currently participate in the AP Program.

Each AP course has a corresponding exam that participating schools worldwide administer in May. Except for Studio Art and the AP Capstone program, which are a portfolio assessment, AP Exams contain multiple-choice questions and a free- response section (either essay or problem-solving). AP Exams represent the culmination of AP courses and are thus an integral part of the Program. As a result, MISD fosters the expectation that students who enroll in an AP course will go on to take the corresponding AP Exam.

Most colleges and universities in the U.S., as well as colleges and universities in more than 30 other countries, have an AP policy granting incoming students' credit, placement, or both on the basis of their AP Exam grades. Many of these institutions grant up to a full year of college credit (sophomore standing) to students who earn a sufficient number of qualifying AP grades.

To receive weighted credit for an AP course, students must be enrolled in the course and receive a 70 or higher in the course. Students are encouraged to take the corresponding College Board AP exam in May (See the Advanced and College Board AP section of the MISD High School Course Description Guide or visit www.collegeboard.com for exam dates and information). Weighted credit will automatically be given to students who receive passing grades in Advanced courses.

AP EXAM FEES & FEE REDUCTIONS

The fee for each exam is $97. (This College Board fee is subject to change without notice.) Due to the loss of state and federal funds, the MISD will resume the practice of charging students a portion of the Advanced Placement exam cost. Currently, the student is expected to pay $25 per AP exam ($12 for each exam for students who are eligible for free/reduced lunch).

Students and their families will be responsible for any additional fees incurred based on testing decisions (unused, cancelled, missed exams or testing irregularities). There will be no refunds issued after November 15th.

COLLEGE & UNIVERSITY AP CREDIT POLICY

Advanced Placement credit policies vary. Individual college and university AP credit policies may be accessed through the College Board website at: http://collegesearch.collegeboard.com/apcreditpolicy/index.jsp\

ADVANCED & AP ENGLISH LANGUAGE ARTS

Summer reading selections and other important information is listed on the MISD ELAR webpage.

ADVANCED ENGLISH I

Course Number: 2013
Placement: 9
Credits: 1
Prerequisite: 8th Grade English or 8th Grade Advanced English
This course is for students who have demonstrated superior skills and who are sufficiently motivated to accomplish challenging assignments. It is an in-depth study of literary and informational pieces such as poetry, plays, short stories and novels. Students also concentrate on language acquisition, critical thinking skills, and advanced composition. Summer reading will be expected of all students.

ADVANCED ENGLISH II

Course Number: 2023
Placement: 10
Credits: 1
Prerequisite: English I or Advanced English I
To broaden the skills introduced in English I, this course stresses mastery of general essay skills, literary analysis, and critical thinking. Students enhance appreciation of the classics through exploration of various forms of world literature. Concepts and skills in writing, language, literature, and reading are stressed. Summer reading will be expected of all students.

ADVANCED PLACEMENT ENGLISH III
Course Number: 2033 (AP Language & Composition)
Placement: 11
Credits: 1
Prerequisite: English II or Advanced English II
This course challenges honors students to do college level reading and writing through in depth study of American literature, analysis of non-fiction prose, and extensive essay writing. Students taking this course should be highly motivated to improve analytical thinking and writing skills. This course is designed to prepare students for the Advanced Placement test. Summer reading is expected.

ADVANCED PLACEMENT ENGLISH IV
Course Number: 2040
Placement: 12 (AP Literature & Composition)
Credits: 1
Prerequisite: English III or AP English III
This course teaches literary analysis through prose, poetry, and drama. It reinforces skills learned in AP English III by applying them to a different field of study. Students taking this course should be highly motivated and strong in critical thinking and independent study skills. This course is designed to prepare students for the Advanced Placement test. In addition, summer reading is expected

ADVANCED & AP FINE ARTS

ADVANCED ART II
Course Number: 3120
Placement: 10-12
Credits: 1
Prerequisite: Art I
This course is designed for the students who show superior skills and interest in art. Artistic awareness, critical thinking, imaginative expression, appreciation of art culture, and aesthetic judgment are emphasized.

ADVANCED PLACEMENT STUDIO ART: DRAWING PORTFOLIO
Course Number: 3145
Placement: 11-12
Credits: 1
Prerequisite: Student Application
This course is designed for students who are seriously interested in exploring drawing issues and media. Light and shade, line quality, rendering of form, composition, surface manipulation, and illusion of depth will be explored through a variety of media. This course is designed to prepare the student to submit an AP portfolio. All students are expected to submit a portfolio for Advanced Placement review.

ADVANCED PLACEMENT STUDIO ART: 2-D DESIGN PORTFOLIO
Course Number: 3146
Placement: 11-12
Credits: 1
Prerequisite: Student Application
This course is designed for students who are seriously interested in exploring 2-D design issues. Students will demonstrate a proficiency in 2-D design using a variety of art forms. These may include, but are not limited to, graphic design, digital imaging, photography, collage, illustration, printmaking, painting, etc. This course is designed to prepare the student to submit an AP portfolio. All students are expected to submit a portfolio for Advanced Placement review.

ADVANCED PLACEMENT STUDIO ART: 3-D DESIGN PORTFOLIO
Course Number: 3147
Placement: 11-12
Credits: 1
Prerequisite: Student Application
This course is designed for students who are seriously interested in exploring 3-D design issues. Students will demonstrate a proficiency in 3-D design using a variety of art forms. These may include, but are not limited to, graphic design, digital imaging, photography, collage, illustration, printmaking, painting, clay, wood, plaster, mold-making, found objects, papier-mâché, metals, jewelry, glass, plastics, cardboard, paper and fibers, etc. This course is designed to prepare the student to submit an AP portfolio. All students are expected to submit a portfolio for Advanced Placement review.

ADVANCED PLACEMENT MUSIC THEORY
Course Number: 3230
Placement: 9-12
Credits: 1
Prerequisite: Student Application
Written music theory is the study of musical designs, proportions, and inventive patterns that are transformed by the mind into aesthetic experiences. In general, students will gain fluency through both analysis and occasional writings of their own. In addition to studying written music theory (including scales, intervals, chords, etc.), students will be involved in ear training exercises/drills. Ear training is a multi-faceted endeavor. Its subdivisions include sight singing, melodic dictation, harmonic dictation, and rhythmic dictation. The drills involved with the study if ear training are to be practiced as dutifully as that on the student's performance instrument.

ADVANCED & AP LANGUAGES OTHER THAN ENGLISH

ADVANCED CHINESE II
Course Number: 7513BB
Placement: 10-12
Credits: 1
Prerequisite: Chinese I
Chinese II continues to develop the oral skills with added emphasis on reading and writing skills. The focus is on the development of mid-to high-novice proficiency. Expansion of vocabulary and grammatical structures continues. Contrast between English and Chinese will strengthen the language learning process. Culturally related activities of selected Chinese speaking countries or regions will be explored. Taught at Ben Barber

ADVANCED CHINESE III
Course Number: 7523BB
Placement: 11-12
Credits: 1
Prerequisite: Chinese II or Advanced Chinese II
Chinese III continues to develop the oral and writing skills with added emphasis on reading. The focus is on the development of novice mid-to intermediate-low proficiency in speaking with increased emphasis on Advanced Placement exam preparation. Expansion of vocabulary and grammatical structures continues. Culturally-related activities of selected Chinese regions will be explored. Taught at Ben Barber

ADVANCED PLACEMENT CHINESE IV
Course Number: 7530BB
Placement: 12
Credits: 1
Prerequisite: Advanced Chinese III
AP Chinese IV prepares students to demonstrate intermediate proficiency across the full range of language skills within a cultural frame of reference. The course will develop reading proficiency of authentic texts, fiction and non-fiction, listening proficiency of formal and colloquial authentic language, and writing proficiency in descriptive, expository, and persuasive styles. This course utilizes critical thinking, reading, and writing skills. The goal of this course is to prepare students to take the AP Chinese Language and Culture exam. This course is conducted predominately in Chinese. Taught at Ben Barber

ADVANCED FRENCH II
Course Number: 7013
Placement: 9-12
Credits: 1
Prerequisite: French I
This course studies in more depth the language and culture with an emphasis on communicating in French. Students also study cultural history, contemporary attitudes of the Francophone world, and the geography of France. Contemporary French films may be used as a tool to study authentic use of the language and as examples of the cultures of the Francophone world.

ADVANCED FRENCH III
Course Number: 7023
Placement: 10-12
Credits: 1
Prerequisite: French II or Advanced French II
This honors course expands students' development in speaking, listening, writing, and reading, especially in everyday situations. Literary selections are included for study of language and culture. The class uses contemporary French films as tools to study authentic language and as examples of the cultures of the Francophone world.

ADVANCED PLACEMENT FRENCH IV
Course Number: 7033
Placement: 11-12
Credits: 1
Prerequisite: Advanced French III
This course studies the development of personal expression in everyday situations with a focus on reading, writing, and language. The goal of this course is to prepare students to take the AP French Language exam.

ADVANCED GERMAN II
Course Number: 7113BB
Placement: 9-12
Credits: 1
Prerequisite: German I
This course continues the study of basic German, concentrating on listening, speaking, reading, and writing skills. The focus for this honors class will be on real world projects. Taught at Ben Barber

ADVANCED GERMAN III
Course Number: 7123BB
Placement: 10-12
Credits: 1
Prerequisite: German II or Advanced German II
This honors course is a continuation of the development of reading, writing, listening and speaking skills begun in German I and II. Geography, culture and functioning in everyday situations will be stressed. Students will begin to prepare for the AP test. This course may be combined with German IV. Taught at Ben Barber

ADVANCED PLACEMENT GERMAN IV
Course Number: 7140BB
Placement: 11-12
Credits: 1
Prerequisite: Advanced German III
This course is a continuation of the development of reading, writing, listening and speaking skills begun in German I and II. Advanced grammar and literature will be stressed. The goal of this course is to prepare students to take the AP German Language test. This course may be combined with German III. Taught at Ben Barber

ADVANCED JAPANESE II
Course Number: 7713BB
Placement: 9-12
Prerequisite: Japanese I
Credits: 1
Advanced Japanese II further develops the skills introduces in Japanese I. Emphasis is on oral and written communication skills. Expansion of vocabulary and grammatical structures continues. Katakana letters and Chinese characters are introduced. Real life Japanese, such as informal speech styles, is also introduced. Taught at Ben Barber

ADVANCED JAPANESE III
Course Number: 7720BB
Placement: 10-12
Prerequisite: Advanced Japanese II
Credits: 1
Advanced Japanese III provides for an in-depth development of the skills introduces in the previous courses. Further expansion of vocabulary, grammatical structures, and Chinese characters continues. Students are expected to develop communication skills in various real-life settings. Taught at Ben Barber

ADVANCED PLACEMENT JAPANESE IV
Course Number: 7730BB
Placement: 10-12
Credits: 1
Prerequisite: Advanced Japanese III
AP Japanese IV provides for further development of communication skills in Japanese in preparation for the AP Japanese Language examination. Emphasis is on advanced grammar and composition as well as comprehension and speaking in a variety of real-life settings. The goal of this course is to prepare students to take the AP exam. Taught at Ben Barber

ADVANCED SPANISH II
Course Number: 7320/7320BB
Placement: 9-12
Credits: 1
Prerequisite: Spanish I
This course provides for an in-depth development of the skills introduced in Spanish I. Oral comprehension and reading skills are emphasized. Grammar, vocabulary, literature, and cultural studies are also included. Course taught at Home Campus and Ben Barber

ADVANCED SPANISH III
Course Number: 7340
Placement: 10-12
Credits: 1
Prerequisite: Spanish II, Advanced Spanish II or Spanish for Native Speakers I
This honors course is a continuation of the study of the Spanish language with special emphasis on reading comprehension, listening, speaking and advanced grammar and composition in preparation for the AP Spanish Language exam. Course taught at Home Campus and Ben Barber

ADVANCED PLACEMENT SPANISH IV
Course Number: 7360/7360BB
Placement: 11-12
Credits: 1
Prerequisite: Advanced Spanish III or Spanish for Native Speakers II
This course is an intensive study of Spanish language in preparation for the AP Spanish Language exam. Emphasis is on advanced grammar, literature, and composition as well as listening comprehension and speaking. The goal of this course is to prepare students to take the AP exam. Course taught at Home Campus and Ben Barber

ADVANCED PLACEMENT SPANISH V
Course Number: 7370/7370BB
Placement: 11-12
Credits: 1
Prerequisite: AP Spanish IV
This course is an intensive study of Spanish literature in preparation for the AP Spanish Literature exam. Emphasis is on advanced grammar, literature, and composition. The goal of this course is to prepare students to take the AP exam. Course taught at Home Campus and Ben Barber

ADVANCED & AP MATHEMATICS

ADVANCED ALGEBRA I
Course Number: 6033
Placement: 9
Credits: 1
Prerequisite: 8th grade Math
In addition to material usually covered in Algebra I, topics will be expanded and taught at a more rigorous, in-depth level. Emphasis will be placed on the application of concepts and skills introduced in Algebra
I. The level of instruction/curriculum will focus on preparing the student for advanced placement mathematics courses.

ADVANCED GEOMETRY

Course Number 6053
Placement: 9-10
Credits: 1
Prerequisite: Algebra I or Advanced Algebra I
In addition to material usually covered in Geometry, topics will be expanded and taught at a more rigorous, in-depth level. Emphasis will be placed on the application of concepts and skills introduced in Geometry. The level of instruction/curriculum will focus on preparing the student for advanced placement mathematics courses.

ADVANCED ALGEBRA II

Course Number: 6080
Placement: 10-11
Credits: 1
Prerequisite: Algebra I or Advanced Algebra I
In addition to the material usually covered in Algebra, topics will be expanded and taught at a more rigorous, in-depth level. Emphasis will be placed on the application of concepts and skills introduced in Algebra
II. The level of instruction/curriculum will focus on preparing the student for further advanced placement courses. **This course is recommended to take after Geometry. Students must successfully complete Algebra II prior to taking a higher math class. This course (or the regular level) is required for a Distinguished Level of Achievement or STEM Endorsement.**

ADVANCED PLACEMENT PRE-CALCULUS

Course Number: 6200
Placement: 11-12
Credits: 1
Prerequisite: Algebra I, Geometry, and Algebra II or Advanced versions
This course explores everyday situations and phenomena using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world. This course is designed for students to prepare for AP Calculus or for students who took Algebra in 9th grade to prepare for college level Calculus. At the conclusion of this course, students may take the Advanced Placement Precalculus Test which provides the opportunity to earn college credit in mathematics. This course is eligible as a 5th math option for the STEM endorsement.

ADVANCED PLACEMENT CALCULUS AB

Course Number: 6201
Placement: 11-12
Credits: 1
Recommended Prerequisite: Advanced or Advanced Placement Pre-Calculus This course is designed for the student who has displayed both exceptional talent and diligence in the study of all other selected high school courses. Topics of study will include limits and continuity, derivatives, the fundamental theorem of calculus, special functions, techniques of integration, partial derivatives, and multiple integration. Analytic geometry will be included as needed. A TI-84 will be used in the classroom, and graphing calculators of this type will be required for homework. This course is the equivalent of a Calculus I course at the college level. At the conclusion of this course, students may take the AP Calculus AB Test for an opportunity to earn college credit in calculus.

ADVANCED PLACEMENT CALCULUS BC

Course Number: 6202
Placement: 11-12
Credits: 1
Recommended Prerequisite: Advanced or Advanced Placement Pre-Calculus This course is an expansion of the Advanced Placement Calculus AB course. It includes all topics covered in Advanced Placement Calculus AB plus additional topics. Common topics require a similar depth of understanding. This course is the equivalent of a combined Calculus I and Calculus II course at the college level. Broad concepts and widely applicable models are emphasized. The TI-84 will be used in the classroom, and graphing calculators of this type will be required for homework. Extensions to AP Calculus AB include: parametric, polar, and vector functions; use of slope fields and Euler's method to find solutions to differential equations; improper integrals and series; solving logistic equations; polynomial approximations and series, including Taylor and Maclaurin series. At the conclusion of this course, students may take the AP Calculus BC exam for an opportunity to earn college credit in calculus.

ADVANCED PLACEMENT STATISTICS

Course Number: 6203
Placement: 11-12
Credits: 1
Recommended Prerequisite: Algebra II or Advanced Algebra II and Geometry or Advanced Geometry
The purpose of this Advanced Placement course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to the four broad conceptual themes: Exploring data: observing patterns and departures from patterns; Planning a study: deciding what and how to measure; Anticipate patterns: producing models using probability and simulation; and Statistical inference: confirming models. At the conclusion of this course, students may take the AP Statistics Test for an opportunity to earn college credit in statistics.

ADVANCED & AP SCIENCE

ADVANCED BIOLOGY

Course Number: 8003
Credits: 1
Prerequisite: None

This course is designed for students who show an advanced aptitude toward science. Areas of study will include the essential elements and objectives of those in regular Biology I with greater depth and at a more accelerated rate. A greater emphasis will be placed on lab and the ability to evaluate, outline, organize, and report scientific information. Laboratory procedures, observation, measurement, classification, prediction, and reporting skills will be stressed. Therefore, strong math skills are important. The student should be proficient in reading and projects are required. Advanced Biology teachers deliver instruction on proper interaction with peace officers in the spring semester. TEA Recommendation: students in grades 9, 10, or 11.

ADVANCED CHEMISTRY

Course Number: 8023
Placement: 10-12
Credits: 1
Prerequisite: Biology OR Advanced Biology AND Algebra I.

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

ADVANCED PLACEMENT CHEMISTRY

Course Number: 8073
Placement: 10-12
Credits: 1
Prerequisite: Chemistry OR Advanced Chemistry Completion Preferred Prerequisite: Completion of OR Concurrent Enrollment in Algebra II

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

ADVANCED PLACEMENT BIOLOGY

Course Number: 8083
Placement: 11-12
Credits: 1
Preferred Prerequisite: Biology OR Pre AP-Biology AND Chemistry OR Advanced Chemistry

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

ADVANCED PLACEMENT PHYSICS I

Course Number: 8095
Placement: 10-12
Credits: 1
Prerequisite: Algebra I, Geometry, AND Algebra II OR Concurrent Enrollment in Algebra II Suggested prerequisite: Concurrent enrollment in Precalculus.

This algebra-based course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits.

ADVANCED PLACEMENT PHYSICS 2
Course Number: 8096
Placement: 11-12
Credits: 1
Prerequisite: Completion of AP Physics 1, Algebra I, Geometry, AND Algebra II Suggested prerequisite: Concurrent enrollment or completion of Precalculus
This algebra-based course is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics.

ADVANCED PLACEMENT PHYSICS C: Mechanics
Course Number: 8097
Placement: 11-12
Credits: 1
Prerequisite: Completion of AP Physics 1 and Concurrent enrollment of Calculus
Use a differential and integral calculus-based approach to solve problems associated with concepts such as kinematics; Newton's laws of motion, work, energy and power; systems of particles and linear momentum; circular motion and rotation; oscillations; and gravitation. Build your understanding and critical thinking skills through inquiry-based, laboratory investigations and explore these physics concepts.

ADVANCED PLACEMENT PHYSICS C: ELECTRICITY and MAGNETISM
Course Number: 8098
Placement: 11-12
Credit: 1
Prerequisite: Completion of AP Physics C: Mechanics and Concurrent enrollment in AP Calculus
Use a differential and integral calculus-based approach to solve problems associated with concepts such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Build your understanding and critical thinking skills through inquiry-based, laboratory investigations and explore these advanced physics concepts.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE
Course Number: 8094
Placement: 11-12
Credits: 1
Prerequisite: Biology AND One Physical Science (IPC, Chemistry, or Physics)
This course is designed to provide students with the 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 or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study and includes indoor and outdoor investigations/ activities.

ADVANCED & AP SOCIAL STUDIES

ADVANCED PLACEMENT HUMAN GEOGRAPHY
Course Number: 9205
Placement: 9-12
Credits: 1
Prerequisite: None
AP Human Geography is equivalent to a college introductory geography course. The purpose of AP Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students who participate in AP Human Geography in their 9th grade year will develop habits of mind and skills necessary for success in future Advanced Placement courses. This course fulfills the requirement for 9th grade social studies and will count as an elective for students who already have a credit in World Geography.

ADVANCED PLACEMENT WORLD HISTORY
Course Number: 9210
Placement: 9-12
Credits: 1
Prerequisite: None
AP World History is a survey of world history from 1200 CE to present. Emphasis is placed on preparing for the College Board AP exam which can earn the student credit or placement. The student will develop a greater understanding of the evolution of global processes and contacts and interaction with different type of human societies.

ADVANCED PLACEMENT EUROPEAN HISTORY
Course Number: 9200
Placement: 11-12
Credits: 1
Prerequisite: None
AP European History is an accelerated elective course covering the history of Europe from 1450 (Renaissance) to the present. Emphasis is placed on preparing for the College Board AP exam by practicing higher level skills including: analysis, drawing conclusions, evaluating and assessing historical events using primary and secondary sources and writing at a collegiate level.

ADVANCED PLACEMENT UNITED STATES HISTORY
Course Number 9060
Placement: 11
Credits: 1
Prerequisite: World History/AP World History or World Geography/AP Human Geography
AP U.S. History is an accelerated course for the college-bound student. This course covers the history of the United States from colonization to the present. Emphasis is placed on outside reading, essay development, and research. The course is designed to help students receive college credit for U.S. History by taking the Advanced Placement test.

ADVANCED PLACEMENT GOVERNMENT
Corse Number: 9110
Placement: 12
Credits: ½
Prerequisite: US History or AP US History
This course is an examination of the philosophical underpinning of our constitutional system combined with historical development and current trends. The primary focus will be on the national level. Because half of the AP American Government and Politics examination requires essay responses, writing exercises will be emphasized including book reviews, critical interpretive essays, and policy papers.

ADVANCED PLACEMENT COMPARATIVE GOVERNMENT AND POLITICS
Course Number: 9120
Placement 11-12
Credits: ½
Prerequisite: None
AP Comparative Government and Politics introduces students to the rich diversity of political life outside the United States. This elective course uses a comparative approach to examine the political structures; policies; and the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues.

ADVANCED PLACEMENT MACROECONOMICS
Course Number: 9150
Placement: 12
Credits: ½
Prerequisite: US History or AP US History
This AP course in macroeconomics is designed to give students a thorough understanding of the principles of economics that apply to an economic system as a whole while placing particular emphasis on the study of national income and price determination, and develop students' familiarity with economic performance measures, economic growth, & international economics.

ADVANCED PLACEMENT MICROECONOMICS
Course Number: 9151
Placement: 12
Credits: ½
Prerequisite: US History or AP US History
This elective course in microeconomics is designed to give students a thorough understanding of the principles of economics as they apply to individuals, household, and firms within the overall economic system. It places particular emphasis on the study of markets and market structures and seeks to develop students' familiarity with the theory of the firm, resource markets, market efficiency, and inequity, government regulation of markets.

ADVANCED PLACEMENT PSYCHOLOGY
Course Number: 9173
Placement 11-12
Credits: ½
Prerequisite: None
This is a college level course that incorporates an understanding of psychology, the scientific study of human behavior and the mental process. Topics that will be introduced will include memory and thought, body and behavior, sleep and dreams, motivation and emotion, personality and individuality, life span, stress and health, human relationships, psychological research, careers and statistics in psychology and therapy.

ADVANCED & AP TECHNOLOGY

AP COMPUTER SCIENCE PRINCIPLES
Course: 1266CT
Placement: 9-12
Credits: 1
Prerequisite: Algebra I
Students will learn about everyday computing tools. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information. Students will learn the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts.

PROJECT LEAD THE WAY - STEM

INTRODUCTION TO ENGINEERING DESIGN
Course: 1835CT
Placement: 9-12
Credits: 1
Engineering is the practice of manipulating the natural world to fit our needs as humans. In this introductory course, students will learn the basics of design and communication so that they can understand and use the methods in which our designed world is created. Products are created, analyzed, and communicated using solid modeling design software. This class combines math, art, science, and group skills to prepare students for creative and exciting jobs. This course allows students the opportunity to earn transcripted college credit to articulate college credit hours upon high school graduation through participating college/university Tech Prep programs. This is a Project Lead the Way course.

PRINCIPLES OF ENGINEERING

Course: 1836CT
Placement: 10-12
Credits: 1
Prerequisite: Intro to Engineering, Algebra I , Biology Chemistry or IPC
This course is designed to help students understand the field of engineering/engineering technology by exploring various
technology systems and manufacturing processes. The activities and projects offered through this course are designed to help students learn how engineers and technicians use math, science, and technology in an engineering problem solving process. This course allows students the opportunity to earn transcripted college credit or to articulate college credit hours upon high school graduation through participating college/university Tech Prep programs. This is a Project Lead the Way course. Note: Course can be used as an additional science credit for graduation.

COMPUTER INTEGRATED MANUFACTURING

Course: 1838CT
Placement: 10-12
Credits: 1
Prerequisite: Principles of Engineering
This course applies principles of robotics and automation. Students learn to program machinery to bring their 3D design while introducing computer programming and the processes used to manufacture today's consumer products. This course builds on the skills students develop in Introduction to Engineering Design and Principles of Engineering. Students use CNC equipment to produce actual models of their three-dimensional designs. Fundamental concepts of robotics used in automated manufacturing and design analysis are included. This course allows students the opportunity to earn transcripted college credit or to articulate college credit hours upon high school graduation through participating college/university Tech Prep programs. This is a Project Lead the Way course.

AEROSPACE ENGINEERING

Placement: 10-12
Course: 1834CT
Credits: 1
Prerequisite: Principles of Engineering
Aerospace Engineering is the study of the engineering discipline which develops new technologies for use in aviation, defense systems and space exploration. The course explores the evolution of flight, flight fundamentals, navigation and control, aerospace materials, propulsion, space travel, orbital mechanics, ergonomics, remotely operated systems and related careers. In addition, the course presents alternative applications for aerospace engineering concepts. Students will analyze, design and build aerospace systems. While implementing these designs, students will continually hone their interpersonal skills, creativity and application of the design process. Students apply knowledge gained throughout the course in a final multi-media project.

CIVIL ENGINEERING & ARCHITECTURE

Course: 1861CT
Placement: 10-12
Credits: 1
Prerequisite: Principles of Engineering
Civil Engineering & Architecture is the study of the design & construction of residential & commercial building projects. The course includes an introduction to many of the varied factors involved in building design & construction including building components & systems, structural design, storm water management, site design, utilities & services, cost estimation, energy efficiency & careers in the design & construction industry. This is a Project Lead the Way course.

ENGINEERING DESIGN & DEVELOPMENT

Course: 1845CT
Placement: 11-12
Credits: 1
Prerequisite: CIM OR Aerospace Engineering OR Civil Engineering & Architecture
This course will provide students with the opportunity to master the design process to solve a design problem of their choosing. They will use prior knowledge to develop, model test their solutions. Each team will present and defend their solutions to a panel of experts. This is a Project Lead the Way course.

AP COMPUTER SCIENCE A – MATH/LOTE

Course: 1845CT
Placement: 11-12
Credits: 1
Prerequisite: CIM OR Aerospace Engineering OR Civil Engineering & Architecture
AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. **Note: Course can be used as a 1 credit LOTE and/or a 1 credit Math**

DUAL CREDIT



Tarrant County College (TCC)

Mansfield Independent School District, in conjunction with the Tarrant County College Southeast Campus, offers several courses for dual credit to MISD sophomores, juniors and seniors. Courses are offered in a variety of formats including face to face instruction on MISD campuses, virtual instruction and some blended models**. Students will receive high school and college credit** for TCC classes taken and passed through the MISD. TCC courses are figured into the student's cumulative grade point average as honors courses. TCC courses follow the the guidelines of TCC indicated in the syllabus for the course. These include but are not limited to absences and grades. **Additionally, students must earn a 70 or higher in the dual credit course to continue in high school dual credit courses.** Since the student is being given early enrollment at TCC for these courses, the student must be enrolled in a MISD high school throughout the course, or he/she will be dropped from TCC. MISD students must have the following to be enrolled in TCC courses: **80+ overall grade point average and satisfactory scores on the TSI.**

MISD DUAL CREDIT PROGRAM

This program allows students to earn college credit while still in high school. Students interested in dual credit must have an 80+ GPA, take and pass the TSI and be classified as sophomores to be eligible for dual credit. Dual credit classes are available on every high school campus. Students will take courses on their home campus, but in-district travel may be required for certain courses if they do not make on the home campus. Some courses may be offered in an on-line format or a blended model.

How does the dual credit program work?

- Students may begin select coursework in 10th grade
- Students make take up to 3 courses during the fall and spring semester
- Students should take courses that meet their individual needs and support their future college degree plans.

SUMMER DUAL CREDIT CLASSES

MISD does not offer dual credit summer classes. Students may take courses within this course guide on their own in the summer through TCC and receive high school credit. For the credit to be added, students should submit an official transcript from TCC. If the student can also submit the course history from their summer dual credit course the numerical grade from the TCC Canvas course will be used. If a numerical grade cannot be provided, it will be converted based on the conversion chart below.

Letter Grade	Conversion
A+	98
A	95
A-	92
B+	88
B	85
B-	82
C+	78
C	75
C-	72
D+	68
D	65
D-	62
F	55

TSI INFORMATION

All students taking college-level courses must satisfy the Texas Success Initiative (TSI) requirements. Scores are valid for 5 years. To be eligible for courses all students must pass the TSI or qualify with TCC for an exemption. See TCC's website for details. For information on the TSI and testing opportunitiesm please contact your high school counselor. Testing is scheduled in advance and/or by appointment only with Pre-Assessment Activity to be completed prior to the testing session.

TSI Passing Scores	
ELAR	CRC 945+ AND essay score of 5+ or CRC 910-944 & DL 5-6 & Essay of 5+
MATH	CRC 950+ or 910-949 and DL 6

DUAL CREDIT



REGISTRATION PROCESS

If your child is interested in taking dual credit courses next yaer, below are the necessary steps. A guided process is available in the dual credit Canvas course. All interested students should self-register in the Dual Credit Canvas Course at https://mansfieldisd.instructure.com/enroll/77ELTW

1. The first step is to confirm that you have the 80+ GPA required to take dual credit classes. You may confirm your GPA in the counseling office or through Edugence.
2. The next step is to complete the application with TCC. You will find the application at https://tccd.elluicancrmrecruit.com/Apply/Account/Login Resources are available within the Dual Credit Canvas Course to assist you with the application process. The application should be completed as soon as possible to allow sufficient time for testing. Applications should be completed one month prior to testing. After completing your application, you should receive an e-mail within a week with your TCC ID# and TCC e-mail information. Please save this e-mail as you will need the information. Dual credit students will have a TCC ID# and a MISD ID#.
3. Once you have received your e-mail from TCC with your TCC ID#, forward that e-mail to your counselor so your counselor will have your TCC ID#.
4. A Pre-Assessment Activity (PAA) is required prior to TSI testing. Instruction for completing the Pre-Assessment acticity can be found in the dual credit canvas course. Students do not have to wait for their TCC ID# to complete the PAA. Students should selecte Mansfield ISD as their institution, so we will be able to verify PAA completion. Once students have completed the PAA, they should forward their certificate fo the counselor so they can be scheduled for testing.
5. The fifth step is to take the TSI assessment. The student will need his/her TCC ID# for testing. The test measures the student's reading, writing and math skills in order to make sure the student can successfully complete college level work. In order to take the TSI, steps 1-4 must be completed. If the TSI is passed, the student may proceed to the next step.
6. The sixth step is for the student to select courses with their high school counselor.
7. The seventh step is for for students to complete self-registration in My TCC Track. This happens the semester before each semester begins during a designated TCC window.
8. The final step is for new students to register and complete the TCC mandatory new student orientation. The instructions will be included with the registration instructions. Students who do not coplete the mandatory orientation will be dropped by TCC.

GRADIND AND ATTENDANCE INFORMATION

Although students register for TCC courses with the assistance of their high schools, the students will follow TCC procedures for requesting transcripts of college credit. Students must remember that TCC courses will become a part of their **permanent college record. Student initiated schedule changes of teacher changes are not permitted.**
It is also important to remember the following:

- Students are treated as college students by the TCC faculty.
- The college professors do not call home if the student is absent or not turning in work.
- **TCC is not subject to the grading policy or attendance policy of MISD**
- Students must adhere to the attendance and grading deadlines dictated in the syllabus for each course.
- TCC grades may be access by the student throught their TCC Canvas Course.
- **It is the student's responsibility to contact his/her professor in the event of any absence.** This contact needs to be made prior to the absence unless the absence is due to sudden illness.

DUAL CREDIT



- The professor determines what provisions if any will be allowed for the absence.
- Students who will miss a class for a UIL event, should speak to the professor as soon as possible to disuss assignments that will be missed. **Remember school related absences are not automatically excused by TCC.**
- Students who take TCC courses must be responsible and dependable.
- **Senior students who fail a spring course at TCC (ie. English, Government and Economics) may not be able to graduate and will have to repeat the course through another avenue such as summer school.**
- Students will remain on the MISD calendar. Therefore, in order to make up for MISD holidays which are not TCC holidays, students may be required to on occasion to attend TCC courses on Fridays or certain MISD holidays (bad weather make-up days, etc.). In the spring semester, the MISD and TCC Spring breaks may fall on two different weeks, so as stated previously there may be Fridays or certain MISD holidays on which TCC classes may have been scheduled for this purpose. Students should be given prior notice by their TCC professor(s) regarding any changes or additional class times.
- **To receive weighted credit for a TCC dual credit course, students must be enrolled in the course and receive a minimum grade of 70 in the course.**

REQUIRED ATTENDANCE

The TCC calendar and MISD Calendar do not always align. As a dual credit student, TEA requires students to report to and remain on campus each MISD calendar day. This includes days before/after TCC classes begin and Fridays when class is not in session. Students who do not report will be marked absent.

COURSE COST

Effective Fall 2023, TCC has waived tutition for all Dual Credit students. Students are responsible for their own scantrons and/or bluebooks.

TEXTBOOKS

MISD provides textbooks for all dual credit courses. Books are checked out to students for the duration of the course. Students return books to MISD upon completion of the course. Books are issued on the home campus. All text books are part of a 3-year agreement with TCC. No alternative or additional text is required of the students.

DROP POLICY

Students will be alowed to drop a TCC course within the guidelines/timeline specified by TCC each semester.

Please note: Dropping a course that does not have an equivalent course on the high school campus (ie. College Algebra) may result in a shortage of credits toward graduation requirements.

DUAL CREDIT



FREQUENT DUAL CREDIT OFFERINGS

10TH GRADE YEAR

Fall	Spring
American Sign Language (SGNL 1401)	American Sign Language II (SGNL 1402)
Public Speaking (SPCH 1315)	Public Speaking (SPCH 1315)

11th GRADE YEAR

Fall	Spring
English Composition 1 (ENGL 1301)	English Composition 2 (ENGL 1302)
US History I (HIST 1301)	US History II (HIST 1302)
Statistics (MATH 1342)	College Algebra (MATH 1314)
American Sign Language (SGNL 1401)	American Sign Language II (SGNL 1402)
Texas Government (GOVT 2306)	Texas Government (GOVT 2306)

12th GRADE YEAR

Fall	Spring
English Composition 1 (ENGL 1301)	English Composition 2 (ENGL 1302)
British Literature 1 (ENGL 2322)	British Literature 2 (ENGL 2323)
Federal Government (GOVT 2305)	Economics (ECON 2301)
Economics (ECON 2301)	Federal Government (GOVT 2305)
Statistics (MATH 1314)	College Algebra (MATH 1314)
TX GOVT (GOVT 2306)	TX GOVT (GOVT 2306)
Sociology (SOCI 1301)	Psychology (2301)

TCC COURSE DESCRIPTIONS

UNITED STATES HISTORY

MISD Course Number: 0972
Placement: 11
Credits 1
Pre-requisite: Successfully completion of 1 History Class. 80+ Overall GPA & ELAR TSI Assessment.
TCC Corresponding college credit:
Fall
HIST 1301- A Survey of the social, political, economic, cultural and intellectural history of the United States from the Pre-Columbian era to the Civil War/Reconstruction Period. Unisted States History I incldues the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in the United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government.
Spring
HIST 1302- A survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War, and post-Cold Wars. Themes that may be addressed include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government and the study of U.S. foreign policy.

ENGLISH COMPOSITION

MISD Course Number: 0251/0252
Placement: 11-12
Credits: 1
Pre-requisite: Successful completion of English II. 80+ Overall GPA & TSI ELAR assessment.
TCC Corresponding College Credit:
Fall
ENGL 1301- Intensive study and practice in writing processes, from invention and researching to drafting and revising and editing, both individually and collaboratively. Emphasis on effective rhetorical

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choices, including audience, purpose arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis.

Spring

ENGL 1302-Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions. Pre-requisite ENGL 1301.

BRITISH LITERATURE

MISD Course Number: 0253
Placement: 12
Credits: 1
Pre-Requisite: 80+ Overall GPA & TSI ELAR Assessment and ENGL 1302
TCC College Corresponding Credit:

Fall

ENGL 2322- A survey of the development of British Literature from the Anglo-Saxon period to the 18th Century. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions.

Spring

ENGL 2323- A survey of the development of British literature from the Romantic period to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions.

PUBLIC SPEAKING

MISD Course Number: 0260/0261
Placement: 10-12
Credits: .5
Pre-requisite:80+Overall GPA and TSI ELAR assessment
TCC Corresponding College Credit:
SPCH 1315- Application of communication theory and practice to the public speaking context, with emphasis on audience analysis, speaker delivery, ethics of communication, cultural diversity, and speech organizational techniques to develop students speaking abilities, as well as the ability to effectively evaluate oral presentations.

STATISTICS

MISD Course Number: 0614
Placement: 11-12
Credits: .5
Pre-requisite: Successful completion of Algebra II.
80+ Overall GPA & TSI ELAR and Math Assessment
TCC Corresponding College Credit:
MATH 1342-Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing.

College Algebra

MISD Course Number: 0610
Placement: 11-12
Credits:.5
Pre-requisite: Successful completion of Algebra II.
80+Overall GPA & TSI Math Assessment.
TCC Corresponding College Credit:
Math 1314- In-depth study and application of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included.

PRE-CALCULUS

MISD Course Number: 0617
Placement: 11-12
Credits: 1
Pre-requisite: Successful completion of MATH 1314 & TSI Math Assessment
TCC Corresponding College Credit:
MATH 2412- In-depth combined study of algebra, trigonometry, and other topics for calculus readiness.

MATHEMATICS FOR BUSINESS AND SOCIAL SCIENCES

MISD Course Number: 0611
Placement: 12
Credits:.5
Pre-requisite: 80+ Overall GPA & TSI Math Assessment
TCC Corresponding College Credit:
MATH 1324- The application of common algebraic functions, including polynomial, exponential, logarithmic, and rational, to problems in business, economics, and the social sciences are addressed. The applications include mathematics of finance, including simple and compound interest and annuities; systems of linear equations; matrices,

DUAL CREDIT



linear programming; and probability, including expected value.

CALCULUS FOR BUSINESS AND SOCIAL SCIENCES
MISD Course Number: 0612
Placement: 12
Credits: .5
Pre-requisite: Successful completion of Algebra II. TSI Math Assessment. Math 1324 or Math 1314
TCC Corresponding Credit:
MATH 1325- This course is the basic study of limits and continuity, differentiation, optimization and graphing, and integration of elementary functions, with emphasis on applications in business, economics, and social sciences.

BIOLOGY FOR NON-SCIENCE MAJORS
MISD Course Number: 0940
Placement:12
Credits:2
Pre-requisite: 80+ Overall GPA & TSI ELAR Assessment
TCC Corresponding College Credit:
FALL
BIOL 1408- Provides a survey of biological principles with an emphasis on humans, including chemistry of life, cells, structure, function and reproduction. Laboratory activities will reinforce a survey of biological principles with an emphasis on humans, including chemistry of life, cells, structure, function and reproduction.
SPRING
BIOL 1409- This course will provide a survey of biological principles with an emphasis on humans, including evolution, ecology, plant and animal diversity and physiology. Laboratory activities will reinforce a survey of biological principles with an emphasis on humans, including evolution, ecology, plant and animal diversity, and physiology.

EARTH SCIENCE FOR NON-SCIENCE MAJORS
MISD Course Number: 0942
Placement: 11-12
Credit:1
Pre-requisite: 80+ Overall GPA & TSI ELAR Assessment
TCC Corresponding College Credit:
GEOL 1401- Survey of geology, meteorology, oceanography, and astronomy. Lab activities will cover methods used to collect and analyze data in geology, meteorology, oceanography, and astronomy.

FEDERAL GOVERNMENT
MISD Course Number: 0911 Fall/0912 Spring
Placement: 12
Credits:.5
Pre-requisite: 80+ Overall GPA & TSI ELAR Assessment
TCC Corresponding College Credit:
GOVT 2305- Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights.

TEXAS GOVERNMENT
MISD Course Number: 0914
Placement: 11-12
Pre-requisite: Overall 80+GPA & TSI ELAR Assessment
TCC Corresponding College Credit:
GOVT 2306- Origin and development of the Texas Constitution, structure and powers of state and local government, federalism, and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas.

PRINCIPLES OF MACROECONOMICS
MISD Course Number: 0915 Fall/0916 Spring
Placement: 12
Pre-Requisite: Overall 80+ GPA & TSI ELAR Assessment
TCC Corresponding College Credit:
ECON 2301- An analysis of the economy as a whole including measurement and determination of aggregate demand and aggregate supply, national income, inflation and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy.

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Emphasis on the U.S. economy. Required for business and economics majors.

PRINCIPLES OF MICROECONOMICS
MISD Course Number: 0918
Placement: 12
Credit: .5
Pre-requisite: 80+ Overall GPA & TSI ELAR Assessment & ECON 2301
ECON 2302- Analysis of the behavior of individual economic agents, including consumer behavior and demand, producer behavior and supply, price and output decisions by firms under various market structures, factor markets, market failures, and international trade. Required for business and economic majors.

GENERAL PSYCHOLOGY
MISD Course Number: 0970
Placement: 11-12
Credits:.5
Pre-requisite: 80+ Overall GPA & TSI ELAR Assessment
TCC Corresponding College Credit:
PSYC 2301- A survey of the major psychological topics, theories and approaches to the scientific study of behavior and mental processes.

INTRODUCTION TO SOCIOLOGY
MISD Course Number: 0980
Placement: 11-12
Credits: .5
Pre-requisite: Overall 80+GPA & TSI ELAR
TCC Corresponding College Credit:
SOCI 1301- The scientific study of human society, including ways in which groups, social institutions, and individuals affect each other. Causes of social stability and social change are explored through the application of various theoretical perspectives, key concepts, and related research methods of sociology. Analysis of social issues in their institutional context may include topics such as social stratification, gender, race/ethnicity and deviance.

ART HISTORY I
MISD Course Number: 0335
Placement: 11-12
Credits: .5
Pre-requisite: 80+ Overall GPA & TSI ELAR Assessment
TCC Corresponding College Credit:
ARTS 1303- A chronological analysis of the historical and cultural contexts of the visual arts from prehistoric times to the 14th century.

DRAWING I
MISD Course Number: 0331
Placement: 11-12
Credits: .5
Pre-requisite: 80+ Overall GPA & TSI ELAR
TCC Corresponding College Credit:
ARTS 1316- A foundation studio course exploring drawing with emphasis on descriptive, expressive and conceptual approaches. Students will learn to see and interpret a variety of subjects while using diverse materials and techniques. Course work will facilitate a dialogue in which students will engage in critical analysis and begin to develop their understanding of drawing as a discipline.

DANCE APPRECIATION
MISD Course Number: 0332
Placement: 11-12
Credits:.5
Pre-requisite: 80+ Overall GPA & TSI ELAR Assessment
TCC Corresponding College Credit:
DANC 2303- A general survey of dance forms desinged to create an appreciation of the vocabulary, techniques, and purposes of the creative process. This course includes critical interpretation and evaluations of choreographic works and dance forms within cultural and historical contexts.

MUSIC APPRECIATION
MISD Course Number: 0333
Placement: 11-12
Credits: .5
Pre-requisite: 80+ Overall GPA & TSI ELAR Assessment
TCC Corresponding College Credit:
MUSI 1306- Understanding music through the study of cultural periods, major composers, and musical elements, illustrated with audio recordings and live performances.

DUAL CREDIT

THEATER APPRECIATION
MISD Course Number: 0334
Placement: 11-12
Credits: .5
Pre-requisite: 80+ Overall GPA & TSI ELAR
TCC Corresponding College Credit:
DRAM 1310- Survey of theater including its history, dramatic works, stage techniques, production procedures, and relation to other art forms. Participation in productions may be required.

BEGINNING AMERICAN SIGN LANGUAGE I
MISD Course Number: 0760
Placement: 10-12
Credits: 1
Pre-requisite: 80+ GPA & TSI ELAR Assessment
TCC Corresponding College Credit:
SGNL 1401- Introduction to American Sign Language covering finger spelling, vocabulary, and basic sentence structure in preparing indviduals to interpret oral speech for the hearing impaired.

BEGINNING AMERICAN SIGN LANGUAGE II
MISD Course Number: 0761
Placement: 10-12
Credits: 1
Pre-requisite: 80+ Overall GPA & TSI ELAR Assessment and SGNL 1401
TCC Corresponding College Credit:
SGNL 1402- Introduction to American Sign Language covering finger spelling, vocabulary, and basic sentence structure in preparing indiviudals to interpret oral speech for the hearing impaired.

INTERMEDIATE AMERICAN SIGN LANGUAGE I
MISD Course Number: 0762
Placement: 11-12
Credit: 1
Pre-requisite: 80+ Overall GPA & TSI ELAR Assessment and SGNL 1402
TCC Corresponging College Credit:
SGNL 2301- Review and appliction of conversational skills in American Sign Language; interpreting from signing to voice as well as from voice to signing. Introduction to American Literature and folklore.

VISUAL AND GESTURAL COMMUNICATION
MISD Course Number: 0763
Placement: 11-12
Credit: 1
Pre-requisite: 80+ Overall GPA & TSI ELAR Assessment
SLNG 1215- Development of skills in non-verbal communications. Emphasizes the use and understanding of facial expression, gestures, pantomime, and body language.

DUAL CREDIT



CTE DUAL CREDIT
The dual credit courses below are technical dual credit classes. They require an overall GPA of a 70 and do not require TSI testing.

INTRODUCTION TO 3D GAME MODELING
MISD Course Number: 0190
Placement: 10-12
Credits: 1
Pre-requisite: Animation I
TCC Corresponding College Credit:
GAME 1436- Introduction to 3D game modeling using Architectural spaces and modeling in a real-time game editor. Includes techniques for building, texturing, and lighting.

3D ANIMATION II- CHARACTER SET UP
MISD Course Number: 0191
Placement:10-12
Credits:1
Pre-requisite: Animation I
TCC Corresponding College Credit:
GAME 2325- Character animation for application interfaces. Skinning and weighting forward kinematics, inverse kinetics, constraints, expressions, scripting and driven keys, mesh deformers, morph targets/blend shapes, and animation user interfaces.



COURSE DESCRIPTIONS

ENGLISH



9th Grade

[2010] English I
[2013] **Advanced English 1**

10th Grade

[2020] English II or
[2023] **Advanced English 1I**

11th Grade

[2030] English III or
[2033] AP English III
[0252] TCC English Comp

12th Grade

[2040] English IV

[2043] AP English IV
[0251] TCC English Comp
[0253] TCC British Literature

Optional 4th Credit

Select from on level or advanced courses
Each course has a semester A and B
Successful completion of each semester earns students .5 credits
The full year is 1 credit

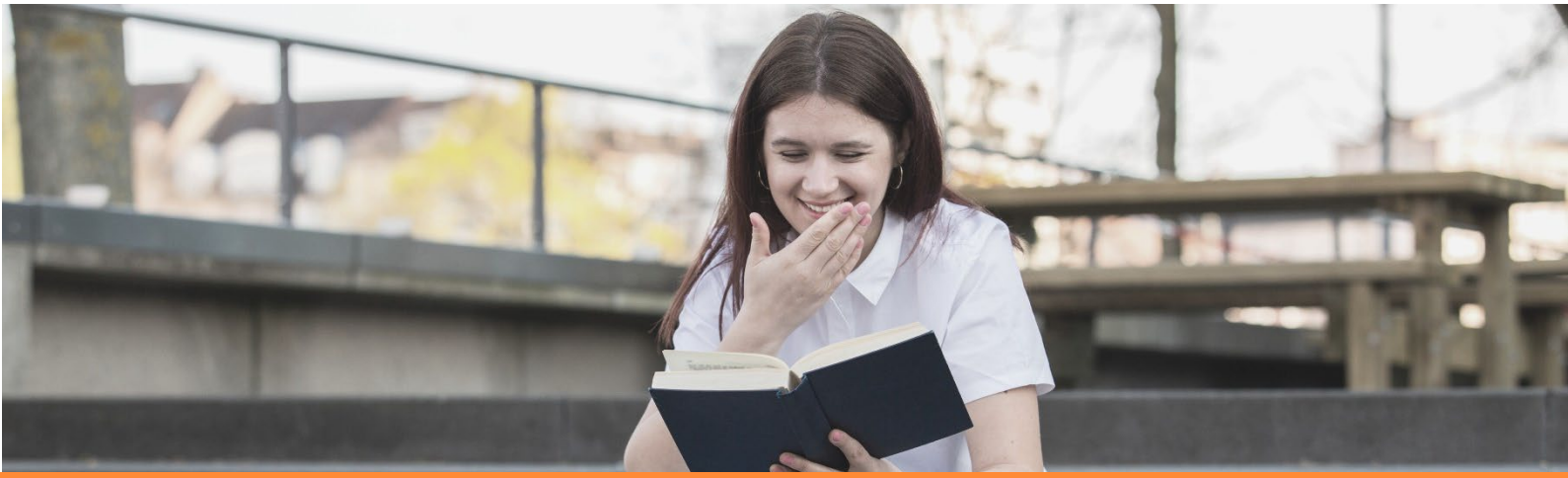
Fundamentals, Sheltered and ESOL course equivalents for English I-IV require approval

Bolded courses = weighted credit

ELAR Graduation Credits Needed=4

Electives listed below may satisfy graduation requirements for fourth English but may not meet requirements for certain endorsements and may not meet requirements for college readiness indicators.

[5017] Broadcast Journalism III
[2270] Creative Writing
[2331] Debate III
[2277] Literary Genres A
[2281] Literary Genres B
[5035] Newspaper III
[2280] Oral interpretation III (Prose/Poetry)
[5071] Yearbook III
[0225/0255] College Readiness RWT/IRW



Endorsements

Business and Industry
Four English credits by including three levels in one of the following areas:

- Debate
- Broadcast Journalism
- Newspaper
- Yearbook
- Literary Magazine

Arts and Humanities
Four English credits to include one of the following as the fourth credit:

- English IV
- Literary Genres
- Creative Writing
- AP English III
- AP English IV

Multidisciplinary

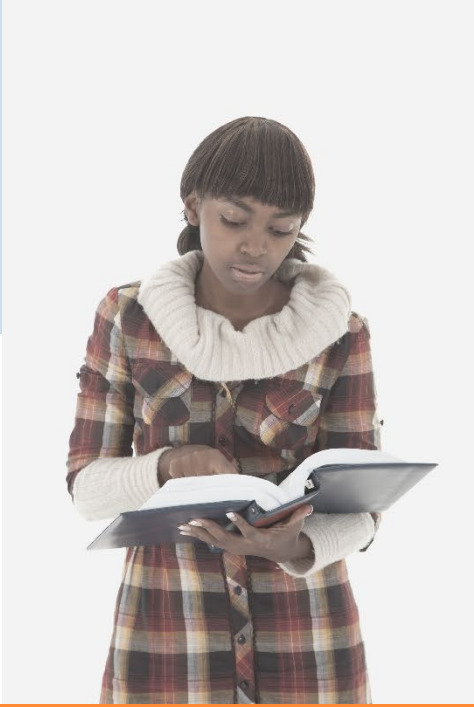
- Four credits in the core foundation areas to include the following English courses:
- English I-IV
- Advanced English I/II and AP English III/IV





Graduation Requirements

- English Language Arts = 4 credits.
- Credits must consist of English I, II, III (or the equivalent)
- A fourth credit may be selected from one full credit (English IV recommended) or a combination of two half credits from two different courses, subject to prerequisite requirements.



Honors Ranking:

Courses identified as ELAR by TEA under Chapter 74 and Chapter 110 and offered by MISD are calculated into the GPA for honors ranking (starting with Class of 2023). Note: TEA also includes MISD Journalism courses under the ELAR umbrella. Please see that section for completecourse offerings.

ADVANCED ENGLISH I
Course Number: 2013
Placement: 9
Credits: 1
Prerequisite: 8th Grade English
Advanced English I covers the regular English I curriculum, but emphasizes the higher-level and critical thinking skills of analysis, evaluation, and synthesis. Standards are taught at greater levels of rigor so that they are prepared to master the challenging reading and writing assignments in later Advanced Placement courses. NCAA approved

ADVANCED ENGLISH II
Course Number: 2023
Placement: 10
Credits: 1
Prerequisite: English I or Advanced English I
Advanced English II covers the regular English II curriculum, but emphasizes the higher-level and critical thinking skills of analysis, evaluation, and synthesis. Standards are taught at greater levels of rigor so that they are prepared to master the challenging reading and writing assignments in later Advanced Placement courses. English II teachers deliver instruction on proper interaction with peace officers in the spring semester. TEA Recommendation: For students in grades 9, 10, or 11. NCAA approved

ADVANCED PLACEMENT ENGLISH III
Course Number: 2033
Placement: 11
Credits: 1 NCAA approved
Prerequisite: English II or Advanced English II
The AP English Language and Composition course (AP English III) aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction/fiction texts from many disciplines and historical periods. The course equips the student with the communication and thinking skills essential for success in social, academic (including SAT and ACT), and business situations. In addition, this rigorous college-preparatory course prepares the student for the Advanced Placement testing program.

ADVANCED PLACEMENT ENGLISH IV
Course Number: 2043
Placement: 12
Credits: 1
Prerequisite: English III or AP English III
The AP English Literature course (AP English IV) aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. The accelerated curriculum equips the student with the communication and thinking skills essential for success in social, academic (including SAT and ACT) and business situations and prepares students for Advanced Placement testing. NCAA approved

COLLEGE READINESS READING/WRITING TECHNIQUES
Course Number: 0225
Placement: 12
Credits: ½
Prerequisite: English III and TSI
This course is designed to improve basic reading skills through individualized development of comprehension, vocabulary, study skills, critical reasoning and relationships among ideas in written material. **This course counts towards an English IV credit (you must complete one full credit).**

COLLEGE READINESS INTEGRATED READING & WRITING
Course Number: 0255
Placement: 12
Credit: .5
Prerequisite: English III and TSI
This course is designed to develop students' critical reading and academic writing skills. Topics include applying critical reading skills for organizing, analyzing, and retaining materials and developing written work appropriate to the audience, purpose, situation, and length of the assignment. The course integrates fundamental reading skills – comprehension, vocabulary, and rate with **This course counts towards an English IV credit (you must complete one full credit).**

COMPETITVE DEBATE I, II, III
Course Number(s): 2311, 2321, 2331
Placement: 10-12
Credits: 1 credit per course
Prerequisite: Intro to Debate & Student App
This course offers opportunities to continue skill development, critical analysis, and effective delivery techniques formed in Introduction to Debate. Activities include the Lincoln-Douglas and Cross Examination debates. Students will be expected to enroll in the debate classes for both the fall and the spring terms and to participate in debate tournaments throughout the year. Credit will be given as follows: 1st year Public Speaking I/Debate I, 2nd year Public Speaking II/Debate II, 3rd year Public Speaking III/Debate III. **The Debate III course may count towards an English IV credit (you must complete one full credit).** NCAA approved

CREATIVE WRITING
Course Number: 2270
Placement: 11-12
Credits: 1
Prerequisite: English I and English II
In this course, students will develop many writing strategies useful across the curriculum. Students will keep a personal journal, form peer writers' support groups in the class, and write several genres, such as short story, poetry, personal essay, and drama. Students will study writers' markets and submit pieces for publication. All students are expected to demonstrate understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. Emphasis will be placed on editing completed work along with publishing a Literary Magazine. Students will handle all aspects of the magazine including the soliciting of manuscripts and art from the student body, the editing of manuscripts, the layout, the advertising and the sale of the magazine. **This course may count towards an English IV credit.** NCAA approved

ENGLISH I
Course Number: 2010
Placement: 9
Credits: 1
Prerequisite: None
English I increases and refines students' written and oral communication skills through the study of reading, writing, speaking, listening, and research. Students practice a variety of writing tasks in a variety of genres. Students plan, draft, and craft complete written compositions on a regular basis. Writers edit papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students read extensively in multiple genres---analyzing the works and interpreting the possible influences of the author's purpose and craft. NCAA approved

ENGLISH II
Course Number: 2020
Placement: 10
Credits: 1
Prerequisite: English I
English II continues to increase and refine students' written and oral communication skills through the study of reading, writing, speaking, listening, and research. Students practice a variety of writing tasks in a variety of genres. Students plan, draft, and craft complete written compositions on a regular basis. Writers edit papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students read extensively in multiple genres---analyzing the works and interpreting the possible influences of the author's purpose and craft. English II teachers deliver instruction on proper interaction with peace officers in the spring semester. TEA Recommendation: For students in grades 9, 10, or 11. NCAA approved

ENGLISH III
Course Number: 2030
Placement: 11
Credits: 1
Prerequisite: English II
English III continues to increase and refine students' written and oral communication skills through the study of reading, writing, speaking, listening, and research. Students practice a variety of writing tasks in a variety of genres. Students plan, draft, and craft complete written compositions on a regular basis. Writers edit papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students read extensively in multiple genres---analyzing the works and interpreting the possible influences of the author's purpose and craft. NCAA approved

ENGLISH IV
Course Number: 2040
Placement: 12
Credits: 1
Prerequisite: English III
English IV, the culminating English course for 12th grade students, builds on the reading, writing, speaking, listening, and research skills they developed in English III. This course equips the student with the communication skills necessary for success within college and the business world. Students practice a variety of writing tasks in a variety of genres. Students plan, draft, and craft complete written compositions on a regular basis. Writers edit papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students read extensively in multiple genres---analyzing the works and interpreting the possible influences of the author's purpose and craft. NCAA approved

ENG FOR SPEAKERS OF OTHER LANG. I/II
Course Number: 2322/2234
Placement: 9-12
Credits: ½-1
Prerequisite: Approval
This basic course provides newcomers as identified by the district whose native language is not English with individual instruction in reading, spelling, and writing the English language. The course stresses concepts and skills in listening, speaking, reading, and writing and satisfies the requirements Eng I and Eng 2

FUNDAMENTALS OF ENGLISH I
Course Number: 2060
Placement: 9
Credits: 1
Prerequisite: ARD Approval
This course encompasses a modified curriculum for English I. It increases and refines students' written and oral communication skills through the study of reading, writing, speaking, listening, and research. Students practice a variety of writing tasks in a variety of genres. Students plan, draft, and craft complete written compositions on a regular basis. Writers edit papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students read extensively in multiple genres---analyzing the works and interpreting the possible influences of the author's purpose and craft.

FUNDAMENTALS OF ENGLISH II
Course Number: 2070
Placement: 10
Credits: 1
Prerequisite: ARD Approval
This course encompasses a modified curriculum for English II. It continues to increase and refine students' written and oral communication skills through the study of reading, writing, speaking, listening, and research. Students practice a variety of writing tasks in a variety of genres. Students plan, draft, and craft complete written compositions on a regular basis. Writers edit papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students read extensively in multiple genres---analyzing the works and interpreting the possible influences of the author's purpose and craft. English II teachers deliver instruction on proper interaction with peace officers in the spring semester. TEA Recommendation: For students in grades 9, 10, or 11.

FUNDAMENTALS OF ENGLISH III
Course Number: 2080
Placement: 11
Credits: 1
Prerequisite: ARD Approval
This course encompasses a modified curriculum for English III. It continues to increase and refine students' written and oral communication skills through the study of reading, writing, speaking, listening, and research. Students practice a variety of writing tasks in a variety of genres. Students plan, draft, and craft complete written compositions regularly. Writers edit papers for clarity, engaging language, and correct use of the conventions and mechanics of written English.

FUNDAMENTALS OF ENGLISH IV

Course Number: 2090
Placement: 12
Credits: 1
Prerequisite: ARD Approval

English IV, the culminating English course for 12th grade students, builds on the reading, writing, speaking, listening, and research skills they developed in English III. This course equips the student with the communication skills necessary for success within college and the business world. Students practice a variety of writing tasks in a variety of genres. Students plan, draft, and craft complete written compositions on a regular basis. Writers edit papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students read extensively in multiple genres---analyzing the works and interpreting the possible influences of the author's purpose and craft. This course encompasses a modified curriculum for English IV.

INTRODUCTION TO DEBATE

Course Number: 2300
Placement: 9-12
Credits: 1
Prerequisite: None

This course is for students interested in developing their informative and persuasive speaking skills to be used in classroom debate and speeches. The student will learn about the basic theories of the two different debate styles with the potential of advancement to the competitive debate team. This course may **not** be used to fulfill any of the English requirements for graduation. NCAA approved

LITERARY GENRES A - MULTICULTURAL LITERATURE & POETRY

Course Number: 2277
Placement: 11-12
Credits: ½
Prerequisite: ENGLISH I & ENGLISH II

Students will study poetry forms and prose selections including essays, novels, short stories and/or other non-fiction pieces from a variety of authors representing diverse cultural backgrounds. Special emphasis on universal themes across cultures as well as contribution of historical events to the literature. Students will have opportunities to research the diverse cultural heritage of our local and national community using appropriate technology and reference resources. Students will research various authors and write poetry using appropriate technology and reference resources. **The Literary Genres A/B may count towards an English IV credit (you must complete one full credit).**

LITERARY GENRES B - MYSTERY, SUSPENSE & SCIENCE FICTION

Course Number: 2281
Placement: 11-12
Credits: ½
Prerequisite: ENGLISH I & ENGLISH II

Students will spend time analyzing these genres and read to appreciate author's craft. Students will study various authors and works from these genres. Opportunities will be given also for the student to write mysteries and science fiction stories, both individually and in a group setting. **The Literary Genres A/B may count towards an English IV credit (you must complete one full credit).**

ORAL INTERPRETATION I, II, III (PROSE/POETRY)

Course Number(s): 2275, 2279, 2280
Placement: 9-12
Credits: 1 credit per course
Prerequisite: Student Application

The course will allow students to select, research, analyze, adapt, interpret, memorize, rehearse and perform a variety of texts including: prose, poetry, and a variety of different solo and partner acting events. Students focus on intellectual, emotional, sensory, and aesthetic levels of texts to attempt to capture the entirety of the author's work. Individual and partner performances of literature will be presented and evaluated. Students will also have the opportunity to participate in competitions using the pieces of literature that they have developed in class. The ultimate focus of the course is contest/tournament preparation and participation. Students will be expected to participate in competitive speech tournaments for credit. **Oral Interpretation III may count towards an English IV credit (you must complete one full credit).**

PSAT/SAT/ACT PREPARATION I, II

Course Number: 2251/2252
Placement: 10-12
Credits: ½ each (local credit only)
Prerequisite: Geometry

This course is designed to improve students' mathematical and verbal skills for the PSAT (the National Merit Scholarship Qualifying Test), the SAT and ACT test (college entrance tests). Course topics of study are essay writing, analysis of founding documents, analysis of science content and graphical representations. This course is for *local credit only* and students may be required to purchase a study guide.

PUBLIC SPEAKING (INFORMATIVE/PERSUASIVE)

Course Number: 2274
Placement: 9-12
Credits: ½
Prerequisite: None

Students will research, analyze, and write fully developed speeches for a variety of topics in a contest format. Students will practice skills of critical thinking, preparation, and delivery. Students will choose between Informative and Persuasive speaking as part of the requirement for competitive speech tournaments.

(TCC) ENGLISH COMPOSITION

Course Number: 11th- 0252/12th-0251
Placement: 11-12
Credits: 1
Prerequisite: Successful completion of English II. 80+ Overall GPA & TSI Assessment

TCC corresponding college credit:
ENGL 1301 – Composition I (3 semester hours)
ENGL 1302 – Composition II (3 semester hours)

This is a regular college-level English course in which dual credit will be awarded for college freshman English and English III or IV. The student will receive 3 hours college credit and ½ high school credit for each term completed successfully. Students will attend TCC classes on their home campus. This course meets the high school graduation requirement. **The ELAR assessment must be passed before students will be allowed to enroll in TCC classes.**

(TCC) ENGLISH – BRITISH LITERATURE

Course Number: 0253
Placement: 12
Credits: 1
Prerequisite: ENGL 1302; 80+ Overall GPA & TSI Assessment
TCC corresponding college credit:
ENGL 2322 – British Literature I (3 semester hours)
ENGL 2323 – British Literature II (3 semester hours)
This is a regular college-level English course in which dual credit will be awarded for college freshman English and English IV. The student will receive 3 hours college credit and ½ high school credit for each term completed successfully. Students will attend TCC classes on their home campus. Required prerequisite: ENGL 1302. This course meets the high school graduation requirement. **The ELAR assessments must be passed before students will be allowed to enroll in TCC classes.**

(TCC) PUBLIC SPEAKING

Course Number: 0260/0261
Placement: 10-12
Credits: ½
Prerequisite: 80+ Overall GPA & TSI Assessment
TCC corresponding college credit:
SPCH 1315 – Introduction to Speech Communication (3 semester hours)
This is a college speech course that applies communication theory to help develop students' speaking abilities, as well as ability to effectively evaluate oral presentations. **The ELAR assessment must be passed before students will be allowed to enroll in TCC classes. This course will meet the professional communications requirement for graduation. (MISD requirement only)**



MATH

9th Grade

[6030] Algebra I
[6033] Adv Algebra I

10th Grade

[6050] Geometry
[6053] Adv Geometry

11th Grade

[6070] Algebra II
[6080] Adv Algebra II

12th Grade

[6090] Adv Quantitative Reasoning
[6150] Precalculus
[6160] AP Precalculus
[6203] AP Statistics

[0610] TCC College Algebra (.5)
[0614] TCC College Stats (.5)

[0617] TCC College Pre Cal (.5)

Select from on level or advanced courses
Each course has a semester A and B
Successful completion of each semester earns students .5 credits
The full year is 1 credit

Fundamentals and Sheltered course equivalents for Math require approval

Bolded courses = weighted credit

Math Graduation Credits Needed for DLA=4

Additional Math Options:

Students who take Algebra I in the 8th grade are on an accelerated sequence. They have options to take an advanced math their senior year. Students that begin with Algebra I in 9th grade and desire to take AP Calculus their senior year, may accelerate by enrolling concurrently in Advanced Geometry and Advanced Algebra II during 10th grade. The additional math class may earn them a STEM endorsement. Alternatively, students may choose to develop their math skills by taking a different course sequence. The math course options different from what is listed above are listed in the chart below by grade level offering. Please note prerequisites may apply in order to enroll in the course.

9th
[6050] Geometry
[6053] Adv Geometry

10th
[6070] Algebra II
[6080] Adv Algebra II
[6095] Algebraic Reasoning

CTE COURSES THAT COUNT AS 3rd Math:
[1055] Computer Science A
[1224CT] Financial Math
[1272] Accounting II

11th
[6050] Geometry
[6053] Adv Geometry
[6150] Precalculus
[6160] AP Precalculus
[6067] Statistics
[6090] Adv Quantitative Reasoning
[6095] Algebraic Reasoning
[6203] AP Statistics

12th
[0618] College Readiness Math I
[0619] College Readiness Math II
[6067] Statistics
[6070] Algebra II
[6080] Adv Algebra II
[6201] AP Calculus AB
[6202] AP Calculus BC
[0618] TCC Math for Business I
[0619] TCC Math for Business II



Endorsements

STEM

A total of five credits in mathematics
Must include:

- Algebra I
- Geometry
- Algebra II
- Two additional mathematics courses **for which Algebra II is a prerequisite**

Multidisciplinary

- Four credits in the core foundation areas to include four math credits.
- Must include English IV, Chemistry, and/or Physics





Graduation Requirements

- Foundation Plan = 3 math credits
- Two of the credits must consist of Algebra I and Geometry
- Foundation with Endorsement = 4 math credits (Foundation plus an additional math credit)
- Distinguished Level of Achievement = Foundation Plus Endorsement (4 credits which include Algebra I, Geometry, Algebra II and an additional Math credit during the 11th or 12th grade year)



Honors Ranking:

Courses identified as MATH by TEA under Chapter 74 and Chapter 111 and offered by MISD are calculated into the GPA for honors ranking (starting with Class of 2023).

FUNDAMENTALS OF ALGEBRA I
Course Number: 6000
Placement: 9-12
Credits: 1
Prerequisite: ARD Approval
This course will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in problem situations. Topics also covered will be polynomials of degree one and two, radical expressions, sequences, and laws of exponents. The course will include linear systems. This course encompasses a modified curriculum for Alg I.

ALGEBRA I
Course Number: 6030
Placement: 9
Credits: 1
Prerequisite: 8th grade Math
This course will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in problem situations. Topics also covered will be polynomials of degree one and two, radical expressions, sequences, and laws of exponents. The course will include linear systems. NCAA approved

ALGEBRAIC PROBLEM SOLVING
Course Number: 6032
Placement: 9-10
Credits: ½-1
Prerequisite: Concurrent Enrollment in Algebra I
This course is scheduled concurrently with Algebra I. The purpose is to create strategic mathematical learners. The course will provide opportunities to deepen student numeracy, develop strategic mathematical thinking and provide opportunities to increase problem solving skills. The goal is to foster a deeper understanding of the task of learning mathematical concepts.

ADVANCED ALGEBRA I
Course Number: 6033
Placement: 9
Credits: 1
Prerequisite: 8th grade Math
In addition to material usually covered in Algebra I, topics will be expanded and taught at a more rigorous, in-depth level. Emphasis will be placed on the application of concepts and skills introduced in Algebra I. The level of instruction will focus on preparing the student for advanced mathematics courses. NCAA approved

FUNDAMENTALS OF GEOMETRY
Course Number: 6003
Placement: 9-12
Credits: 1
Prerequisite: ARD Approval
Relations, properties, and measurement of surfaces, lines, and angles in one, two, and three-dimensional figures are investigated and used in this course. Students will use deductive reasoning to justify, prove formally and apply theorems about geometric figures. Probability concepts are included in this course. This course encompasses a modified curriculum for Geometry.

GEOMETRY
Course Number: 6050
Placement: 9-11
Credits: 1
Prerequisite: Algebra I
Relations, properties, and measurement of surfaces, lines, and angles in one, two, and three-dimensional figures are investigated and used in this course. Students will use deductive reasoning to justify, prove formally and apply theorems about geometric figures. Probability concepts are included in this course. NCAA approved

ADVANCED GEOMETRY
Course Number: 6053
Placement: 9-11
Credits: 1
Prerequisite: Algebra I or Advanced Algebra I
In addition to material usually covered in Geometry, topics will be expanded and taught at a more rigorous, in-depth level. Emphasis will be placed on the application of concepts and skills introduced in Geometry. The level of instruction/curriculum will focus on preparing the student for advanced placement mathematics courses. NCAA approved

STATISTICS
Course Number: 6067
Placement: 11-12
Credits: 1
Prerequisite: Algebra I
Students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students will connect data and statistical processes to real-world situations. In addition, students will extend their knowledge of data analysis. **This course is recommended to take after Algebra II or Algebraic Reasoning.** NCAA approved

ALGEBRAIC REASONING
Course Number: 6095
Placement: 10-12
Credits: 1
Prerequisite: Algebra I
Students will broaden knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Study of functions will be made through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build to workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets. **This course should be taken before Algebra II**.

FUNDAMENTALS OF ALGEBRAIC REASONING

Course Number:
Placement: 3rd or 4th Math
Credits: 1
Prerequisite: ARD Approval
Students will broaden knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Study of functions will be made through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build to workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets. This course encompasses a modified curriculum for Algebraic Reasoning.

ALGEBRA II

Course Number: 6070
Placement: 10-12
Credits: 1
Prerequisite: Algebra I
This course is a continuation of the topics studied in Algebra I. Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will extend their knowledge of data analysis and numeric and algebraic methods. **This course is recommended to be taken after Geometry. Students must successfully complete Algebra II prior to taking a higher math class. This course (or the Advanced level) is required for a Distinguished Level of Achievement or STEM Endorsement.** NCAA approved

ADVANCED ALGEBRA II

Course Number: 6080
Placement: 10-11
Credits: 1
Prerequisite: Algebra I or Advanced Algebra I
In addition to the material usually covered in Algebra, topics will be expanded and taught at a more rigorous, in-depth level. Emphasis will be placed on the application of concepts and skills introduced in Algebra II. The level of instruction/curriculum will focus on preparing the student for further advanced placement courses. **This course is recommended to be taken after Geometry. Students must successfully complete prior to taking a higher math class.** NCAA approved

ADVANCED QUANTITATIVE REASONING (AQR)

Course Number: 6090
Placement: 11-12
Credits: 1
Prerequisite: Geometry, Algebra II or Advanced Algebra II Students will develop and apply skills necessary for college, careers, and life. Course content consists primarily of applications of high school mathematics concepts to prepare students to become well-educated and highly informed 21st century citizens. Students will develop and apply reasoning, planning, and communication to make decisions and solve problems in applied situations involving numerical reasoning, probability, statistical analysis, finance, mathematical selection, and modeling with algebra, geometry, trigonometry, and discrete mathematics. This course is eligible as a 5th math option for the STEM endorsement.
Note: This course does not receive weighted credit. NCAA approved

PRECALCULUS

Course Number: 6150
Placement: 11-12
Credits: 1
Prerequisite: Algebra I, Geometry, and Algebra II
This course approaches topics from a function point of view. Students systematically work with functions and their multiple representations. Students investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations, and use technology to build understanding, make connections between representations, and provide support in solving problems. This course is eligible as a 5th math option for the STEM endorsement. NCAA approved

ADVANCED PLACEMENT PRECALCULUS

Course Number: 6200
Placement: 11-12
Credits: 1
Prerequisite: Algebra I, Geometry, and Advanced Algebra II/Algebra II
This course explores everyday situations and phenomena using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world. This course is designed for students to prepare for AP Calculus or for students who took Algebra in 9th grade to prepare for college level Calculus. At the conclusion of this course, students may take the Advanced Placement Precalculus Test which provides the opportunity to earn college credit in mathematics. This course is eligible as a 5th math option for the STEM endorsement. NCAA approved

ADVANCED PLACEMENT CALCULUS AB

Course Number: 6201
Placement: 11-12
Credits: 1
Prerequisite: Advanced Precalculus or Precalculus
This course is designed for the student who has displayed both exceptional talent and diligence in the study of all other selected high school courses. Topics of study will include limits and continuity, derivatives, the fundamental theorem of calculus, special functions, techniques of integration, partial derivatives, and multiple integration. Analytic geometry will be included as needed. A TI-84 will be used in the classroom, and graphing calculators of this type will be required for homework. A graphing calculator with numerical differentiation and integration capabilities is required for the Advanced Placement Calculus Test. This course is the equivalent of a Calculus I course at the college level. At the conclusion of this course, students may take the Advanced Placement AB Calculus Test which provides the opportunity to earn college credit in calculus. This course is eligible as a 5th math option for the STEM endorsement. NCAA approved

ADVANCED PLACEMENT CALCULUS BC

Course Number: 6202
Placement: 12
Credits: 1
Prerequisite: Advanced Precalculus
This course is an expansion of the Advanced Placement Calculus AB course. It includes all topics covered in
Advanced Placement Calculus AB plus additional topics. Common topics require a similar depth of understanding. This course is the equivalent of a combined Calculus I and Calculus II course at the college level. Broad concepts and widely applicable models are emphasized. The TI-84 will be used in the classroom, and graphing calculators of this type will be required for homework. Extensions to AP Calculus AB include: parametric, polar, and vector functions; use of slope fields and Euler's method to find solutions to differential equations; improper integrals and series; solving logistic equations; polynomial approximations and series, including Taylor and Maclaurin series. At the conclusion of this course, students may take the Advanced Placement BC Calculus Test which provides the opportunity to earn college credit in calculus. This course is eligible as a 5th math option for the STEM endorsement. NCAA approved

ADVANCED PLACEMENT STATISTICS

Course Number: 6203
Placement: 11-12
Credits: 1
Prerequisite: Algebra II and Geometry
The purpose of this Advanced Placement course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Therefore, AP Statistics would be an excellent choice for students interested in pursuing a career in business or medicine. Students are exposed to the four broad conceptual themes which follow: 1) Exploring data – observing patterns and departures from patterns; 2) Planning a study – deciding what and how to measure; 3) Anticipate patterns – producing models using probability and simulation; and 4) Statistical inference – confirming models. This is a communications course in which students are taught to analyze data utilizing calculators and computers. At the conclusion of this course, students may take the Advanced Placement Statistics Test which provides the opportunity to earn college credit in statistics. This course is eligible as a 5th math option for the STEM endorsement. NCAA approved

STAAR/EOC MATHEMATICS REMEDIATION/ENRICHMENT/ACCELERATION

Course Number 6300
Placement: 9-12
Credits: ½-1
Prerequisite: None
This course will provide remediation/ enrichment/ acceleration for students who did not pass the Algebra EOC, or students who require additional support based on previous performance on State math assessments/math academic performance. This course will enable students to improve mathematical skills. This course may **not** be used to fulfill any of the math requirements for graduation

COLLEGE READINESS MATH I

Course Number: 0618
Placement: 12
Prerequisite: TSI Assessment and Algebra II*
Credits: ½
TCC corresponding course: MATH 0361-Developmental Math I. This course will study topics in mathematics such as arithmetic operations, basic algebraic concepts and notation, geometry, and real and complex number systems. The content revisits concepts from Algebra I and Geometry to support student readiness for college level mathematics. This course is eligible as a 4th math credit only. This course follows the TCC grading guidelines. **Students that are CCMR met in math are not eligible for enrollment in this course.**
*This course is NOT eligible as an advanced math for the STEM endorsement.

COLLEGE READINESS MATH II

Course Number: 0619
Placement: 12
Prerequisite: TSI Assessment or College Readiness Math I
Credits: ½
TCC corresponding course: MATH 0362-Intermediate Algebra (Developmental Math II)
This course is a study of relations and functions, inequalities, algebraic expressions and equations (absolute value, polynomial, radical, rational), with a special emphasis on linear and quadratic expressions and equations. The content prepares for student readiness in college level mathematics. This course is eligible for a 4th math credit only. This course follows TCC grading guidelines. **The TSI assessment will be administered at the end of this course. as the final exam. Students that are CCMR met in math are not eligible for enrollment in this course. ***This course is NOT eligible as an advanced math for the STEM endorsement.

CTE COURSES:

AP COMPUTER SCIENCE A – MATH/LOTE

Course Number: 1055CA/CB
Placement: 10-12
Credits: 2 (One Math/One LOTE)
Prerequisite: AP Computer Science Principles
AP Computer Science A is an introductory college-level computer science course. Students cultivate an
understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and preparation for the AP Spanish Literature exam. Emphasis is on advanced grammar, literature, and composition. Students will be prepared to take the AP test. Course taught at Home Campus or Ben Barber Innovation Academy.

FINANCIAL MATHEMATICS

Course Number: 1224CT
Placement: 10-12
Credits: 1
Prerequisites: Algebra I
This course is about personal money management. Students will apply critical-thinking skills to analyze personal financial decisions based on current and projected economic factors. Financial Mathematics will integrate career and postsecondary education planning into financial decision making. **Note: Course can be used as an additional math credit for graduation.**

ACCOUNTING II

Course Number: 1272CT
Placement: 11-12
Credits: 1
Prerequisites: Accounting I

Accounting II introduces the fundamentals of management accounting, including manufacturing and cost accounting, budgeting, accounting for managerial decision making and financial statement analysis. Students learn how to use accounting information for internal decision making and for planning and control. Because accounting knowledge is beneficial to business
professionals in every discipline, this course provides them with the financial acumen necessary to make informed personal and business decisions. **Note: Course can be used as an additional math credit for graduation.** Possible Certification: +Microsoft Office Expert Excel*

DUAL CREDIT COURSES:

(TCC) ALGEBRA

Course Number: 0610
Placement: 11-12
Credits: ½
Prerequisite: Successful completion of Algebra II, 80+Overall GPA & TSI Assessment

TCC corresponding college credit:
MATH 1314 – College Algebra (3 semester hours)
This is a regular college-level Algebra class with an in-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Students will attend TCC classes on their home campus. This course meets .5 of the fourth-year math high school graduation requirement. **A passing math TSI Assessment is required prior to enrolling in TCC classes.**

(TCC) STATISTICS

Course Number: 0614
Placement: 11-12
Credits: ½
Prerequisite: Successful completion of Algebra II, 80+ Overall GPA & TSI Assessment

MATH 1342 – Elementary Statistical Methods (3 semester hours)
This is a regular college-level Statistics course examining collection, analysis, presentation and interpretation of data. Students will attend TCC classes on their home campus. This course meets .5 of the fourth year math high school graduation requirement. **The ELAR and math TSI Assessments must be passed before students will be allowed to enroll in TCC classes.**

(TCC) PRECALCULUS

Course Number: 0617
Placement: 11-12
Credits: 1
Prerequisite: Successful completion of MATH 1314 & TSI Assessment

TCC corresponding college credit: MATH 2412 – Precalculus (4 semester hours). This is a regular college-level Precalculus course offering an in-depth study of algebra, trigonometry, and other topics for calculus readiness. Students will attend TCC classes on their home campus. This course meets the fourth year math high school graduation requirement. This course is double blocked. **The math TSI Assessment must be passed before students will be allowed to enroll in TCC classes.**

(TCC) MATHEMATICS FOR BUSINESS

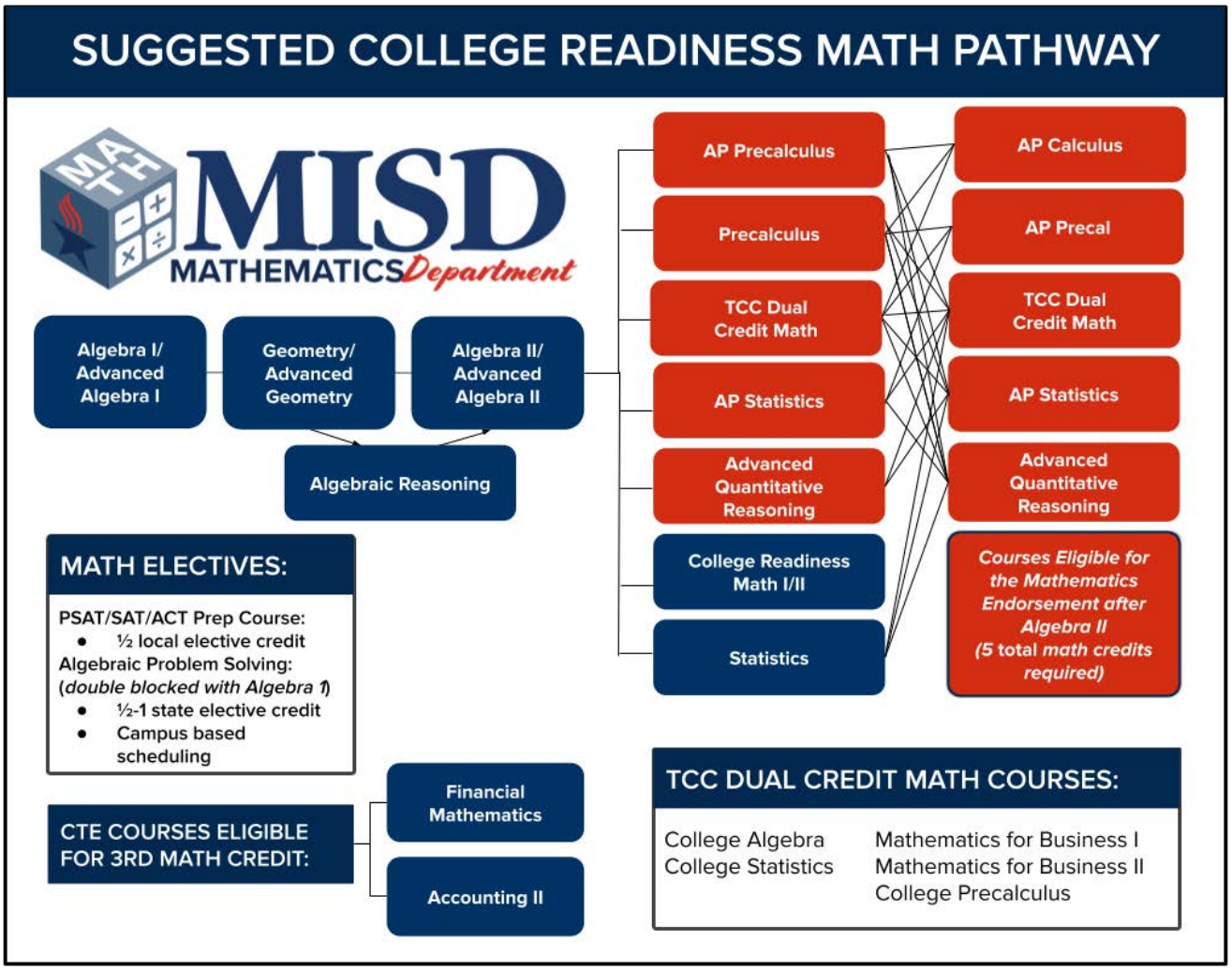
Course Number: 0611
Placement: 12
Credits: ½
Prerequisite: 80+ Overall GPA & TSI Assessment

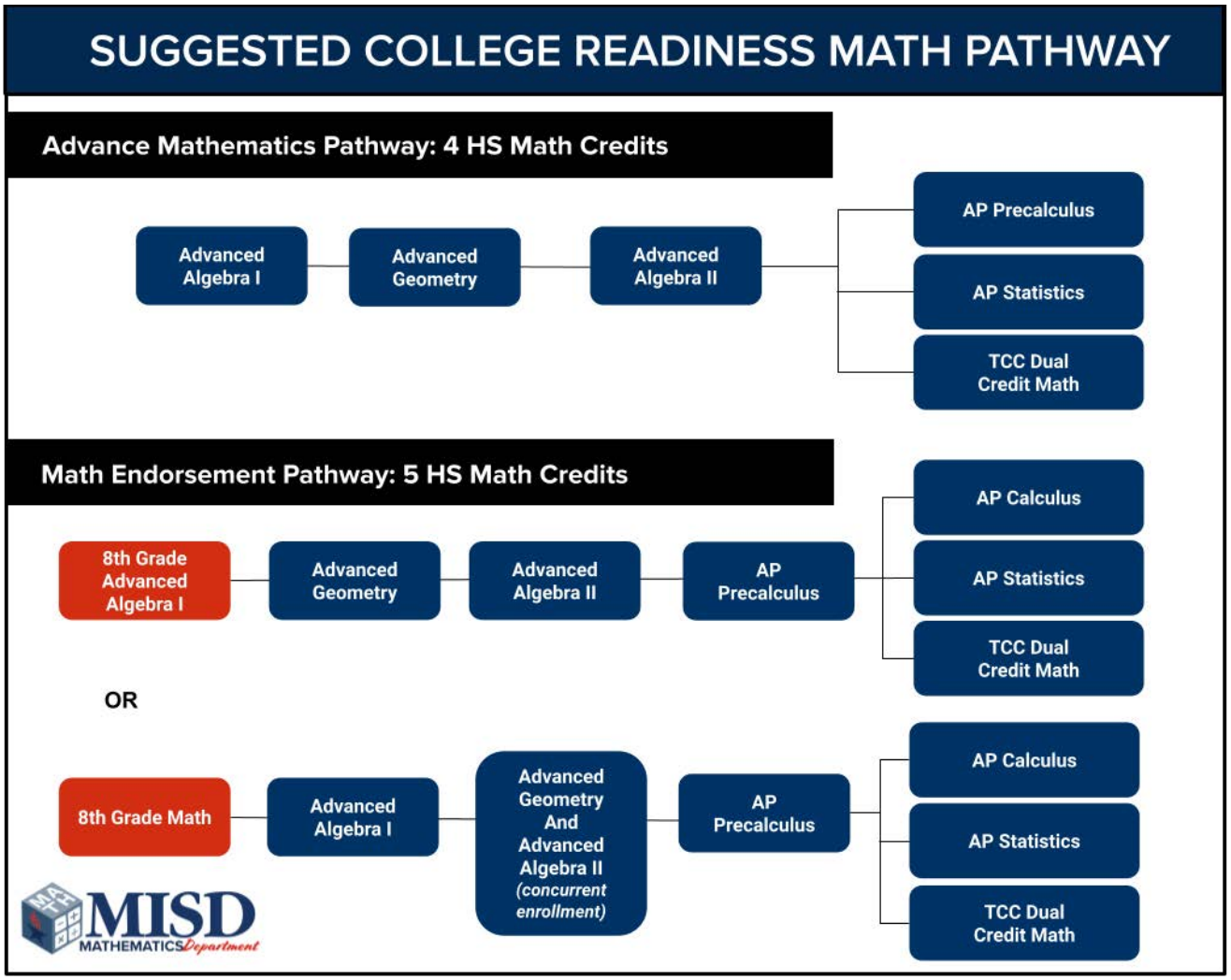
TCC corresponding college credit: MATH 1324 – Mathematics for Business and Social Science (3 semester hours). This is a regular college-level mathematics course including the study of algebra, mathematics of finance, linear programming, systems of linear equations, applications to management, economics and business. Students will attend TCC classes on their home campus. **The math TSI Assessment must be passed before students will be allowed to enroll in TCC classes.**

(TCC) MATHEMATICS FOR BUSINESS II

Course Number: 0612
Placement: 12
Credits: ½
Prerequisite: Math 1324 or Math 1314

TCC corresponding college credit: MATH 1325 – Mathematics for Business and Social Science II (3 semester hours). This is a regular college-level mathematics course including the study of limits and continuity, derivatives, graphing, and optimization, exponential and logarithmic functions, antiderivatives, integration, applications to management, economics, and business. Students will attend TCC classes on their home campus. **The math TSI Assessment must be passed before students will be allowed to enroll in TCC classes.**


SUGGESTED COLLEGE READINESS MATH PATHWAY
MISD
MATHEMATICS Department
Algebra I/ Advanced Algebra I
Geometry/ Advanced Geometry
Algebra II/ Advanced Algebra II
Algebraic Reasoning
AP Precalculus
Precalculus
TCC Dual Credit Math
AP Statistics
Advanced Quantitative Reasoning
College Readiness Math I/II
Statistics
AP Calculus
AP Precal
TCC Dual Credit Math
AP Statistics
Advanced Quantitative Reasoning
Courses Eligible for the Mathematics Endorsement after Algebra II (5 total math credits required)
MATH ELECTIVES:
PSAT/SAT/ACT Prep Course:
½ local elective credit
Algebraic Problem Solving:
(double blocked with Algebra 1)
½-1 state elective credit
Campus based scheduling
CTE COURSES ELIGIBLE FOR 3RD MATH CREDIT:
Financial Mathematics
Accounting II
TCC DUAL CREDIT MATH COURSES:
College Algebra
College Statistics
Mathematics for Business I
Mathematics for Business II
College Precalculus


SUGGESTED COLLEGE READINESS MATH PATHWAY
Advance Mathematics Pathway: 4 HS Math Credits
Advanced Algebra I
Advanced Geometry
Advanced Algebra II
AP Precalculus
AP Statistics
TCC Dual Credit Math
Math Endorsement Pathway: 5 HS Math Credits
8th Grade Advanced Algebra I
Advanced Geometry
Advanced Algebra II
AP Precalculus
AP Calculus
AP Statistics
TCC Dual Credit Math
OR
8th Grade Math
Advanced Algebra I
Advanced Geometry And Advanced Algebra II (concurrent enrollment)
AP Precalculus
AP Calculus
AP Statistics
TCC Dual Credit Math
MISD
MATHEMATICS Department

SCIENCE



9th Grade

[8000] Biology
[8003] **Advanced Biology**

10th Grade

[8040] Chemistry
[8023] **Advanced Chemistry**

11th/12th Grade

[8060] Physics
[8095] **AP Physics I**
[8073] **AP Chemistry**
[8083] **AP Biology**
[8094] **AP Environmental Science**
[8096] **AP Physics II**
[8097] **AP Physics C: Mechanics**
[8098] **AP Physics C: Electricity**
[8100] Anatomy & Physiology
[8140] Aquatic Science
[8145] Environmental Systems
[8170] Astronomy

Select from on level or advanced courses
Each course has a semester A and B
Successful completion of each semester earns students .5 credits
The full year is 1 credit

Fundamentals & Sheltered course equivalents for Science require approval

Bolded courses = weighted credit

Science Graduation Credits Needed=4

Additional Science Options

The course options different from what is listed above are listed below by grade level offering. Please note prerequisites may apply in order to enroll in the course.

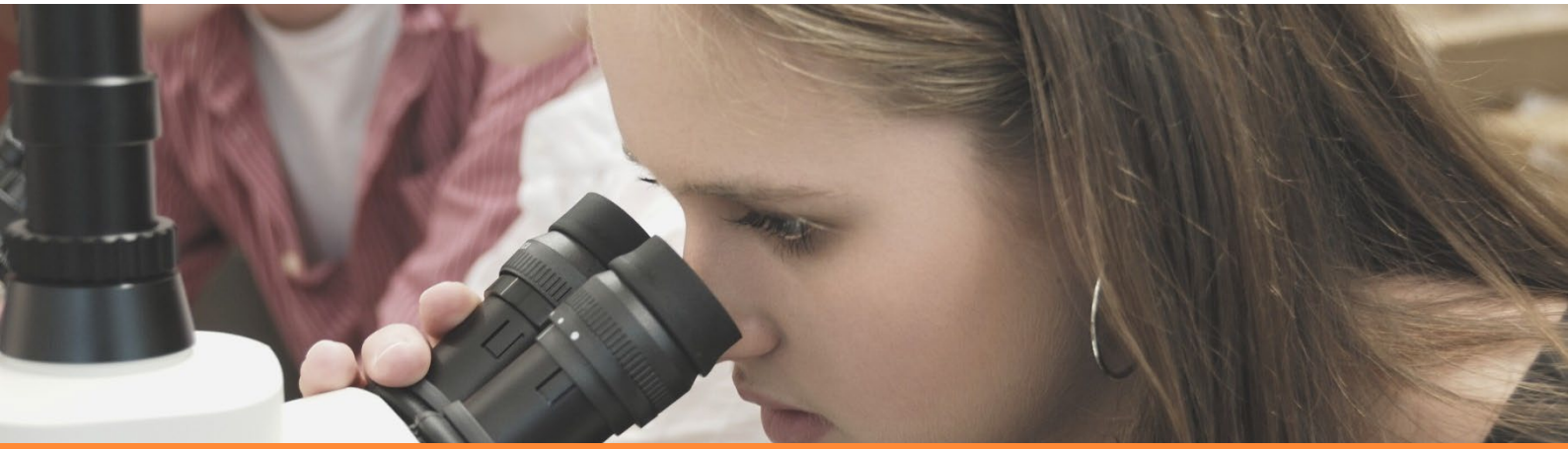
10th
[8010] Int Physics & Chemistry

11th
[8040] Chemistry
Any advanced level science once prerequisites are met

12th
Any advanced level science once prerequisites are met

Dual Credit Options for 11-12
[0940] TCC Biology
[0942] TCC Geology

CTE Science Options for 11-12
[0810] Anatomy & Physiology
[1116CT] Animal Science
[8120CT] Medical Micro biology
[8125CT] Pathophysiology [9430CT] Forensic Science
[1836CT] Principles of Engineering



Endorsements

STEM

- Four credits in science by successfully completing chemistry, physics, and two additional science courses

MULTIDISCIPLINARY

- Four credits in each of the four foundation subject areas to include Chemistry and/or Physics and English IV or a comparable AP English course
- Four credits in Advanced Placement or Dual credit Science







Graduation Requirements

- Foundation Plan = 3 science credits
- Credits must include Biology and a Physical Science (Chemistry, Physics, or IPC)
- The third credit may be from any other combination of additional science credits.
- Foundation with Endorsement = 4 science credits (Foundation plus an additional science credit)

Honors Ranking:

Courses identified as ELAR by TEA under Chapter 74 and Chapter 112 and offered by MISD are calculated into the GPA for honors ranking (starting with Classof 2023).

BIOLOGY
Course Number: 8000
Placement: 9-12
Credits: 1
Prerequisite: None
This course provides a general knowledge of the natural order of living organisms and their relationship with the environment. Areas of study will include cells, classification, body systems, evolution and ecology. Laboratory procedures, observation, measurement, classification, prediction, and reporting skills will be emphasized. The course has an EOC exam that is a graduation requirement. NCAA approved

ADVANCED BIOLOGY
Course Number: 8003
Placement: 9-12
Credits: 1
Prerequisite: None
This course is designed for students who show an advanced aptitude toward science. Areas of study will include the essential elements and objectives of those in regular Biology I with greater depth and at a more accelerated rate. A greater emphasis will be placed on lab and the ability to evaluate, outline, organize, and report scientific information. Laboratory procedures, observation, measurement, classification, prediction, and reporting skills will be stressed. Strong math skills are important. The student should be proficient in reading and projects are required. NCAA approved

FUNDAMENTALS OF BIOLOGY
Course Number: 8400
Placement: 9-12
Credits: 1
Prerequisite: ARD Approval
This course provides a general knowledge of the natural order of living organisms and their relationship with the environment. Areas of study will include the systems and ecology. Laboratory procedures, observation, measurement, classification, prediction, and reporting skills will be emphasized. Fundamentals of Biology teachers deliver instruction on proper interaction with peace officers in the spring semester. This course utilizes a modified curriculum for Biology.

PRACTICAL BIOLOGY
Course Number: 5410
Placement: 9-12
Credits: 1
Prerequisite: ARD Approval
This course provides a practical level of biology related to the natural order of living organisms and their relationship with the environment. Areas of study will include the systems and ecology at a practical level. Laboratory procedures, observation, measurement, classification, prediction, and reporting skills will be emphasized. Practical Biology teachers deliver instruction on proper interaction with peace officers in the spring semester. This course utilizes an alternate curriculum for Biology.

INTEGRATED PHYSICS AND CHEMISTRY (IPC)
Course Number: 5420
Placement: 9-12
Credits: 1
Prerequisite: None
Integrated Physics and Chemistry (IPC) is a study of the physical aspects of the world. Topics will include properties of matter, atomic structure, the periodic table, motion, energy, forces, work, machines and electricity. A large portion of this course will consist of laboratory and demonstrations. IPC does not count as an advanced science credit on the Distinguished Plan or towards a STEM endorsement. IPC should be completed prior to Chemistry and/or Physics. TEA recommendation: For students in grade 9 or 10. NCAA approved

FUNDAMENTALS OF INTEGRATED PHYSICS AND CHEMISTRY (IPC)
Course Number: 8410
Placement: 9-12
Credits: 1
Prerequisite: ARD Approval
Integrated Physics and Chemistry (IP&C) is a study of the physical aspects of the world. Topics will include properties of matter, atomic structure, the periodic table, motion, energy, forces, work, machines and electricity. A large portion of this course will consist of laboratory and demonstrations. This course utilizes a modified curriculum for IPC.

PRACTICAL INTEGRATED PHYSICS AND CHEMISTRY (IPC)
Course Number: 5420
Placement: 9-12
Credits: 1
Prerequisite: ARD Approval
This course provides a practical level of integrated physics and chemistry as related to physical aspects of the world. Topics will include properties of matter, atomic structure, the periodic table, motion, energy, forces, work, machines and electricity at a practical level. A large portion of this course will consist of laboratory and demonstrations. This course utilizes an alternate curriculum for IPC.

CHEMISTRY
Course Number: 8040
Preferred Placement: 9-12
Credits: 1
Prerequisite: Biology AND Algebra I Suggested Completion OR Concurrent Enrollment in a Second Year of Math.
This course covers the fundamental concepts of physical chemistry. This is a college preparatory class for students planning to attend a 4-year college/university. Students will be required to use higher level thinking skills and math applications to solve problems related to the properties of elements, compounds and mixtures, atomic structure, chemical bonding, chemical equations and stoichiometry. TEA recommendation: For students in grades 10, 11, or 12. NCAA approved

ADVANCED CHEMISTRY

Course Number: 8023
Preferred Placement: 10-12
Credits: 1
Prerequisite: Biology OR Advanced Biology AND Algebra I

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

PHYSICS

Course Number: 8060
Preferred Placement: 10-12
Credits: 1
Prerequisite: One Credit of High School Science AND Algebra I
Suggested Completion of Geometry

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

ADVANCED PLACEMENT CHEMISTRY

Course Number: 8073
Preferred Placement: 10-12
Credits: 1
Prerequisite: Chemistry OR Advanced Chemistry
Completion Preferred Prerequisite: Completion of OR Concurrent Enrollment in Algebra II

AP Chemistry is designed to be the equivalent of a first-year college general chemistry course. It is a rigorous and challenging course with special emphasis on applying mathematics to problem solving and as a means of expressing and modeling scientific inquiry. The course will provide an in-depth treatment of atomic structure, gas laws, thermodynamics, stoichiometry, kinetics, equilibria, oxidation-reduction and electrochemistry. This course targets the pre-professional student (i.e. engineering and health professions). NCAA approved

ADVANCED PLACEMENT PHYSICS I

Course Number: 8095
Preferred Placement: 10-12
Credits: 1
Prerequisite: Algebra I, Geometry, and Algebra II OR Concurrent Enrollment in Algebra II. Suggested prerequisite: concurrent enrollment or completion of Precalculus.

This algebra-based course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. NCAA approved

ADVANCED PLACEMENT PHYSICS 2

Course Number: 8096
Preferred Placement: 11-12
Credits: 1
Prerequisite: Completion of AP Physics I, Algebra I, Geometry, and Algebra II Suggested prerequisite: concurrent enrollment or completion of Precalculus

This algebra-based course is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. NCAA approved

ADVANCED PLACEMENT PHYSICS C: MECHANICS

Course Number: 8097
Preferred Placement: 11-12
Credits: 1
Prerequisite: Completion of AP Physics 1 and Concurrent enrollment in Calculus

Mechanics is a calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through classroom study and activities as well as hands-on laboratory work as they explore concepts like change, force interactions, fields, and conservation with a more analytical approach than AP Physics 1. This course allows students to build your understanding and critical thinking skills through inquiry-based, laboratory investigations and explore these advanced physics concepts. NCAA approved

ADVANCED PLACEMENT PHYSICS C: ELECTRICITY and MAGNETISM

Course Number: 8098
Preferred Placement: 11-12
Credits: 1
Prerequisite: Completion of AP Physics I and Concurrent enrollment in Calculus

Use a differential and integral calculus-based approach to solve problems associated with concepts such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Build your understanding and critical thinking skills through inquiry-based, laboratory investigations and explore these advanced physics concepts. This is a calculus-based advanced physics course appropriate for students planning to specialize or major in one of the physical sciences or engineering. NCAA approved

ADVANCED PLACEMENT BIOLOGY

Course Number: 8083
Credits: 1
Prerequisite: Biology or Advanced Biology AND Chemistry or Advanced Chemistry

This course provides students with an in-depth study of biochemistry, microbiology, natural selection and genetics at an accelerated pace. This course is primarily for students who are interested in a career in medicine, biology or other related fields. Students taking this course should be highly motivated and strong in critical thinking and independent study skills. Successful completion of AP Biology should prepare students for the Advanced Placement Examination and/or the second level college biology course. NCAA approved

ANIMAL SCIENCE

Course Number: 1116CT
Preferred Placement: 11-12
Credits: 1
Prerequisite: Small Animal Management OR Livestock OR Equine Science AND Biology AND One Additional Science
This course will build on the skills learned in Animal Science. Students will learn disease management in domesticated animals including treatments such as vaccinations and medications. Emphasis in this course is placed on the interrelatedness of human, scientific, and technological dimensions of livestock productions. Note: This course can be used as 4th science credit for graduation if prerequisite requirements are met. This is an 18-week course.
TEA Recommendation: For students in grade 12.

FUNDAMENTALS OF ENVIRONMENTAL SYSTEMS

Course Number: 8420
Placement: 9-12
Credits: 1
Prerequisite: ARD Approval
This course provides a general knowledge of ecological concepts and the environmental problems that affect the world in which they live. Students will learn about technological developments, which have created environmental problems, as well as technology that is helping to solve them. This program provides one way in which students can become more aware of the interaction of people and their environment. This course utilizes a modified curriculum for Environmental Systems.

ENVIRONMENTAL SYSTEMS

Course Number: 8145
Preferred Placement: 11-12
Credits: 1
Prerequisite: Biology AND One Physical Science (IPC, Chemistry or Physics)
This course is designed to introduce students to major ecological concepts and the environmental problems that affect the world in which they live. Students will learn about technological developments, which have created environmental problems, as well as technology that is helping to solve them. This program provides one way in which students can become more aware of the interaction of people and their environment. Laboratory and fieldwork will be afforded to enhance learning. NCAA approved

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

Course Number: 8094
Preferred Placement: 11-12
Credits: 1
Prerequisite: Biology AND One Credit Physical Science (IPC, Chemistry, or Physics)
This course is designed to provide students with the 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 or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study and includes indoor and outdoor investigations/activities. NCAA approved

AQUATIC SCIENCE

Course Number: 8140
Preferred Placement: 11-12
Credits: 1
Prerequisite: Biology and One Physical Science (IPC, Chemistry or Physics)
In this course, students conduct field and laboratory investigations, use scientific methods during investigations, work collaboratively and make informed decisions using critical thinking and scientific problem solving. This course focuses on the physical and biological characteristics of the earth's freshwater and marine ecosystems. Topics include the properties of water, water's effect on climate, how water shapes the earth, aquatic ecosystems, environmental issues related to freshwater systems and oceans, technology used in aquatic field studies, and organism adaptations to aquatic ecosystems. TEA Recommendation: For students in grades 11 or 12. NCAA approved

ASTRONOMY

Course Number: 8170
Preferred Placement: 11-12
Credits: 1
Prerequisite: Biology and One Physical Science (IPC, Chemistry or Physics)
In this course, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study the following topics: information about the universe; scientific theories of the evolution of the universe; characteristics and the life cycle of stars; exploration of the universe; role of the Sun in our solar system; planets; and the orientation and placement of the Earth. TEA Recommendation: For students in grades 11 or 12. NCAA approved

FUNDAMENTALS OF ASTRONOMY

Course Number: 8470
Placement: 11-12
Credits: 1
Prerequisite: One Credit of High School Science
This course provides a general knowledge of astronomy. In this course, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study the following topics: information about the universe; scientific theories of the evolution of the universe; characteristics and the life cycle of stars; exploration of the universe; role of the Sun in our solar system; planets; and the orientation and placement of the Earth. This course utilizes a modified for Astronomy. TEA Recommendation: For students in grades 11 or 12.

ANATOMY AND PHYSIOLOGY OF HUMAN SYSTEMS

Course Number: 8100/0810CT
Preferred Placement: 11-12
Credits: 1
Prrequisite: Biology AND Chemistry AND Physics OR Any Intro Level Health Science Course
Students will study the structures and functions of the human body systems. Students will do a comparative study of mammals with an in-depth dissection of a mammal. Human development, maintenance of homeostasis, transport systems and energy processes will also be topics of study. As part of the laboratory investigative process, students will be active in the dissection of prepared specimens. NCAA approved

MEDICAL MICROBIOLOGY

Course Number: 8120CT
Placement: 10-12
Credits: 1
Prerequisite: Biology AND Chemistry AND a 3rd Science Course OR Any Intro Health Science Course

Students will study the relationships of microorganisms to wellness and disease. Students will develop knowledge and skills related to disease prevention by learning the chain of infection, asepsis, and standard precautions. Pathogenic and nonpathogenic organisms will be identified to assist in the understanding of specific diseases, causative agents, and treatment options. Students are encouraged to participate in Health Occupations Students of America (HOSA), a co-curricular youth organization. The classroom portion of this course will be taught at the Ben Barber campus. NCAA approved

PATHOPHYSIOLOGY

Course Number: 8125CT
Placement: 11-12
Credits: 1
Prerequisite: Biology AND Chemistry AND a 3rd Science Course OR Any Intro Health Science

Students will study disease processes, and how human systems are affected. Emphasis is placed on prevention and treatment of diseases. Students will differentiate between normal and abnormal physiology. Students
are encouraged to participate in Health Occupations Students of America (HOSA), a co-curricular youth organization. The classroom portion of this course will be taught at the Ben Barber campus. This is an 18-week course. NCAA approved

FORENSIC SCIENCE

Course Number: 9430CT
Placement: 11-12
Credits: 1
Prerequisite: Forensic Psychology AND Biology AND Chemistry

This course uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide and the psychology of criminal behavior. Student will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies, simulated crime scenes and laboratory applications such as fingerprint analysis, ballistics, blood spatter analysis and DNA. Students will learn the history, legal aspects, and career options for forensic science. The classroom portion of this course will be taught at the Ben Barber campus. NCAA approved

PRINCIPALS OF ENGINEERING/ENGINEERING SCIENCE (PLTW)

Course Number: 1836CT
Placement: 11-12
Credit: 1
Prerequisite: Intro to Engineering AND Algebra I AND Biology AND Chemistry or IPC

This course is designed to help students understand the field of engineering/engineering technology by exploring various technology systems and manufacturing processes. The activities and projects offered through this course are designed to help students learn how engineers and technicians use math, science, and technology in an engineering problem solving process. This course allows students the opportunity to earn transcripted college credit or to articulate college credit hours upon high school graduation through participating college/university Tech Prep programs. This is a Project Lead the Way course. Note: Course can be used as an additional science credit for graduation. NCAA approved

(TCC) BIOLOGY

Course Number: 0940
Placement: 12
Credits: 2
Prerequisite: 80+ Overall GPA & TSI Assessment

TCC corresponding college credit: BIOL 1408 – General College Biology I (4 semester hours) BIOL 1409 – General College Biology II (4 semester hours). This is a regular college-level introductory biology course for the
non-science major in which dual credit will be awarded. Students may receive up to 8 hours of college credit and one credit for each semester, successfully completed. Students will attend TCC classes on their home campus. This course meets the fourth-year science high school graduation requirement. **The TSI Assessment must be taken before students will be allowed to enroll in TCC classes.**

(TCC) GEOLOGY

Course Number: 0942
Placement: 11-12
Credits: 1
Prerequisite: 80+ Overall GPA & TSI Assessment

TCC corresponding college credit: GEOL 1401 – Earth Sciences (4 semester hours). Survey of physical and historical geology, astronomy, meteorology, oceanography and related sciences. Students will attend this course at BBCTA after the traditional day ends or during the summer and are responsible for their own means of transportation. This course meets the fourth year science high school graduation requirement. **The TSI Assessment must be taken before students will be allowed to enroll in TCC classes.**

SUGGESTED COLLEGE READINESS SCIENCE PATHWAY

MISD SCIENCE Department

Biology/ Advanced Biology → Chemistry/ Advanced Chemistry# → *Physics/ AP Physics 1# / Advanced Science Course → Advanced Science Course

Science STEM Endorsement

For a STEM endorsement specific to science - students need 5 credits. Including Biology, Chemistry and Physics

^ interest in medical careers
+ interest in engineering
# strong math skills needed

Advanced Science Course Options

- Aquatics
- Anatomy & Physiology^
- Environmental Systems
- AP Environmental Science
- AP Physics I, II
  AP Physics C: M, E&M+#
- AP Chemistry^#
- AP Biology^#
- Astronomy
- TCC Dual Credit Science Option
- CTE Course Option

TCC Dual Science Courses:

TCC Biology
TCC Geology

CTE Courses Eligible for Science Credit

- Advanced Animal Science
- Medical MicroBiology
- Pathophysiology
- Forensic Science
- Principles of Engineering



SOCIAL STUDIES

9th Grade

[9000] World Geography
[9205] AP Human Geography

10th Grade

[9010] World History
[9210] AP World History

11th Grade

[9050] US History
[9060] AP US History
[0972] TCC US History

12th Grade

[9100] Government
[9110] AP Government & Politics
[9140] Economics
[9160] Personal Financial Literacy & Economics
[9150] AP Economics
[0911/0912] TCC Government
[0915/0916] TCC Economics

Select from on level or advanced course
Each course has a semester A and B
Successful completion of each semester earns students .5 credits
The full year is 1 credit

Fundamentals and Sheltered course equivalents for Social Studies require approval

Bolded courses = weighted credit

Social Studies Graduation Credits Needed = 3

Social Studies Options:

Students are not required to take four years of social studies courses. They must choose either World Geography or World History and US History, Government, and Economics. For example, if a students takes World Geography or AP Human Geography then they are not required to take World History or AP World History. Students may also choose electives below.

[9120] AP Comparative Government
[9151] AP Micro Economics
[9170] Psychology
[9173] AP Psychology
[9180] Sociology
[9185] Special Topics: Women in American History
[9186] Special Topics: Hebrew Scripture & New Testament
[9187] Special Topics: African American Studies
[] Speical Topics: Mexican American Studies

[9190] Personal Financial Literacy
[9200] AP European History
[2340] Academic Decathlon

Dual Credit Electives:
[0914] TCC Texas Government
[0970] TCC Psychology
[0980] TCC Sociology



Endorsements

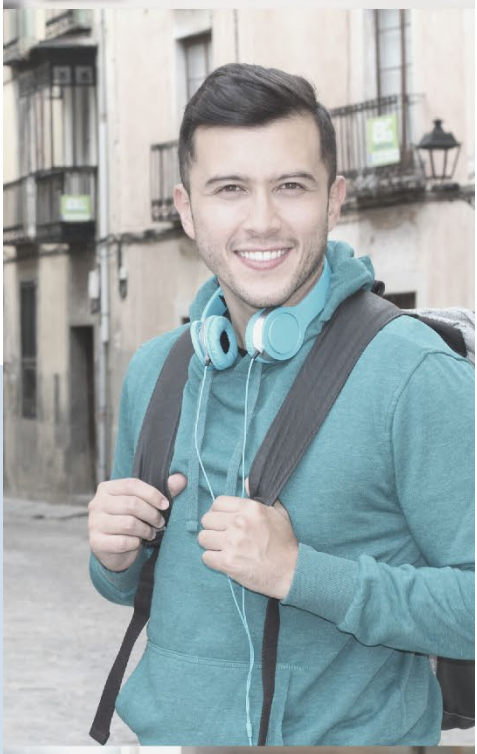
Arts & Humanities

- A total of five credits in Social Studies which must include US History Studies, Government (.5 credit), Economics (.5 credit), and either World Geography or World History

Multidisciplinary

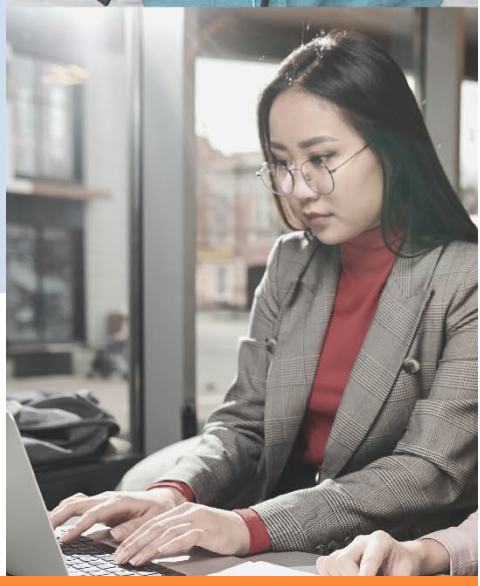
- Four credits in the core foundation areas to include four math credits
- Must include English IV, Chemistry, and/or Physics





Graduation Requirements

- Foundation Plan = 3 Social Studies credits
- Two of the credits must be from the following:
  - US History
  - Government (.5 credit)
  - Economics (.5 credit)
- The additional credit must be selected from the following courses:
  - World Geography or AP Human Geography
  - World History or AP World History



Honors Ranking

Courses identified as Social Studies by TEA under Chapter 74 and Chapter 113 and offered by MISD are calculated into the GPA for honors ranking (starting with Class of 2023).



FUNDAMENTALS OF WORLD GEOGRAPHY

Course Number: 9300
Placement: 9-12
Credits: 1
Prerequisite: ARD Approval

In this course students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. Students compare how components of culture shape the characteristics of regions. This course utilizes a modified curriculum for World Geography.

WORLD GEOGRAPHY

Course Number: 9000
Placement: 9-12
Credits: 1
Prerequisite: None

In this course students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. Students compare how components of culture shape the characteristics of regions and students use problem-solving and decision-making skills to ask and answer geographic questions. NCAA approved

ADVANCED PLACEMENT HUMAN GEOGRAPHY

Course Number: 9205
Placement: 9-12
Credits: 1
Prerequisite: None

AP Human Geography is equivalent to a college introductory geography course. The purpose of AP Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students who participate in AP Human Geography in their 9th grade year will develop habits of mind and skills necessary for success in future Advanced Placement courses. This course fulfills the requirement for 9th grade social studies and will count as an elective for students who already have a credit in World Geography. NCAA approved

FUNDAMENTALS OF WORLD HISTORY

Course Number: 9310
Placement: 9-12
Credits: 1
Prerequisite: ARD Approval

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

WORLD HISTORY

Course Number: 9010
Placement: 9-12
Credits: 1
Prerequisite: None

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

ADVANCED PLACEMENT WORLD HISTORY

Course Number: 9210
Placement: 9-12
Credits: 1
Prerequisite: None

AP World History is introductory college-level modern world history course. Students cultivate their understanding of world history with particular focus on 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. NCAA approved

ADVANCED PLACEMENT EUROPEAN HISTORY

Course Number: 9200
Placement: 11-12
Credits: 1
Prerequisite: None
AP European History is an accelerated elective course covering the history of Europe from 1450 (Renaissance) to the present. Emphasis is placed on preparing for the College Board AP exam by practicing higher level skills including: analysis, drawing conclusions, evaluating and assessing historical events using primary and secondary sources and writing at a collegiate level. NCAA approved

FUNDAMENTALS OF UNITED STATES HISTORY

Course Number: 9320
Placement: 11-12
Credits: 1
Prerequisite: ARD Approval
This course follows the history of America from 1877 to the present. Emphasis is placed on the problems experienced by an expanding American nation, the strength of her people in war and peace, the development of the United States as a world leader, and the importance of individual rights in a climate of national freedom based on government by constitutional law. These topics are presented in a skills approach to reinforce the basics of critical reading and writing. This course utilizes a modified curriculum for United States History.

UNITED STATES HISTORY

Course Number: 9050
Placement: 11-12
Credits: 1
Prerequisite: World History or World Geography
This course follows the history of America from 1877 to the present. Emphasis is placed on the problems experienced by an expanding American nation, the strength of her people in war and peace, the development of the United States as a world leader, and the importance of individual rights in a climate of national freedom based on government by constitutional law. These topics are presented in a skills approach to reinforce the basics of critical reading and writing. NCAA approved

ADVANCED PLACEMENT UNITED STATES HISTORY

Course Number: 9060
Placement: 11-12
Credits: 1
Prerequisite: World History or AP World History or World Geography or AP Human Geography
AP U.S. History is an accelerated course for the college-bound student. This course covers the history of the United States from colonization to the present. Emphasis is placed on outside reading, essay development, and research. The course is designed to help students receive college credit for U.S. History by taking the Advanced Placement test. NCAA approved

(TCC) UNITED STATES HISTORY

Course Number: 0972
Placement: 11
Credits: 1
Prerequisite: Successful completion of 1 History class. 80+ Overall GPA & Passing score for ELAR assessment.
TCC corresponding college credit:
HIST 1301/1302 – US History to/since 1876 (3 semester hours ea.) This is a regular college-level US History course in which dual credit will be awarded for college US History and high school US History. Students may receive up to 6 hours of college credit. Students will attend TCC classes on their home campus. This course meets the high school graduation requirement.

FUNDAMENTALS OF GOVERNMENT

Course Number: 9330
Placement: 12
Credits: ½
Prerequisite: ARD Approval This course provides the student with an understanding of the functions of the United States, Texas, and local governments. Topics include the foundations and development of the United States governmental system; the purposes, political and economic philosophies of the United States Constitution, Bill of Rights, and Declaration of Independence; the structures and functions of governments at the federal, state and local levels; and responsibilities of American citizenship. This course utilizes a modified curriculum for Government.

GOVERNMENT

Course Number: 9100
Placement: 12
Credits: ½
Prerequisite: US History
This course provides the student with an understanding of the functions of the United States, Texas, and local governments. Topics include the foundations and development of the United States governmental system; the purposes, political and economic philosophies of the United States Constitution, Bill of Rights, and Declaration of Independence; the structures and functions of governments at the federal, state and local levels; and responsibilities of American citizenship. NCAA approved

ADVANCED PLACEMENT GOVERNMENT

Course Number: 9110
Placement: 12
Credits: ½
Prerequisite: US History or AP US History
This course is an examination of the philosophical underpinning of our constitutional system combined with historical development and current trends. The primary focus will be on the national level. Because half of the AP American Government and Politics examination requires essay responses, writing exercises will be emphasized including book reviews, critical interpretive essays, and policy papers. NCAA approved

ADVANCED PLACEMENT COMPARATIVE GOVERNMENT AND POLITICS

Course Number: 9120
Placement 11-12
Credits: ½
Prerequisite: None
AP Comparative Government and Politics introduces students to the rich diversity of political life outside the United States. This elective course uses a comparative approach to examine the political structures; policies; and the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Students examine how different governments solve problems by comparing the effectiveness of approaches to many global issues.

(TCC) GOVERNMENT

Course Number: 0911 FALL /0912 SPRING
Placement: 12
Credits: ½
Prerequisite: 80+ overall GPA & Passing score for Reading TSI Assessment
TCC corresponding college credit:
GOVT 2305 – Federal Government (3 semester hours)
This is a regular college-level Political Science course in which dual credit will be awarded for college Political Science and Government. The student will receive 3 hours college credit and ½ high school credit when completed successfully. Students will attend TCC classes on their home campus. This course meets the high school graduation requirement.

(TCC) TEXAS GOVERNMENT

Course Number: 0914
Placement: 12
Credits: ½
Prerequisite: Passing score for TSI Assessment and a C or better in ENGL 1301
This is a regular college-level Political Science course in which dual credit will be awarded for college Texas Government. The student will receive 3 hours of college credit and ½ high school credit when completed successfully. The emphasis of this course is the origin and development of the Texas Constitution, structure and powers of state and local government, federalism and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas. Students will attend TCC classes on their home campus.

FUNDAMENTALS OF PERSONAL FINANCIAL LITERACY & ECONOMICS

Course Number: 9360
Placement: 12
Credits: ½
Prerequisite: ARD Approval
This course will develop citizens who have the knowledge and skills to make sound, informed financial decisions allowing them to understand personal financial responsibility. The knowledge gained in this course has far-reaching effects for students personally as well as the economy as a whole. Students will understand the factors that have influenced the growth and development of our free enterprise system. This course utilizes a modified curriculum.

ECONOMICS

Course Number: 9140
Placement: 12
Credits: ½
Prerequisite: US History
This course is designed to familiarize the student with the factors that have influenced the growth and development of the free enterprise system. Emphasis is placed on topics such as unemployment, inflation, international trade, the interaction of business and labor and the effects of government spending and taxes. NCAA approved

PERSONAL FINANCIAL LITERACY & ECONOMICS

Course Number: 9160
Placement: 12
Credits: ½
Prerequisite: US History
This course will develop citizens who have the knowledge and skills to make sound, informed financial decisions allowing them to understand personal financial responsibility. The knowledge gained in this course has far-reaching effects for students personally as well as the economy as a whole. Students will understand the factors that have influenced the growth and development of our free enterprise system.

ADVANCED PLACEMENT MACROECONOMICS

Course Number: 9150
Placement: 12
Credits: ½
Prerequisite: US History or AP US History
This AP course in macroeconomics is designed to give students a thorough understanding of the principles of economics that apply to an economic system as a whole while placing particular emphasis on the study of national income and price determination, and develop students' familiarity with economic performance measures, economic growth, and international economics. NCAA approved

ADVANCED PLACEMENT MICROECONOMICS

Course Number: 9151
Placement: 12
Credits: ½
Prerequisite: US History or AP US History
This elective course in microeconomics is designed to give students a thorough understanding of the principles of economics as they apply to individuals, household, and firms within the overall economic system. It places particular emphasis on the study of markets and market structures and seeks to develop students' familiarity with the theory of the firm, resource markets, market efficiency, and inequity, government regulation of markets. NCAA approved

(TCC) ECONOMICS

Course Number: 0915 FALL/0916 SPRING
Placement: 12
Credits: ½
Prerequisite: 80+ Overall GPA & Passing Score on ELAR Assessment (MISD requirement only)
TCC corresponding college credit: ECON 2301 – Principles of Macroeconomics (3 semester hours)
This is a regular college-level Economics course in which dual credit will be awarded for college Economics and high school Economics. The student will receive 3 hours college credit and ½ high school credit when completed successfully. Students will attend TCC classes on their home campus. This course meets the high school graduation requirement.

(TCC) MICROECONOMICS

Course Number: 0918
Placement: 12
Credits: ½
Prerequisite: ECON 2301; 80+ Overall GPA & Passing Score on ELAR Assessment (MISD requirement only)
TCC corresponding college credit:
ECON 2302 – Principles of Microeconomics (3 semester hours) This is a regular college-level Economics course in which dual credit will be awarded for college Economics and high school Economics with an emphasis of the behavior of individual economic agents. The student will receive 3 hours college credit and ½ high school credit when completed successfully. Students will attend TCC classes on their home campus.

PERSONAL FINANCIAL LITERACY

Course Number: 9190
Placement: 10-12
Credits: ½
Prerequisite: None
Personal Financial Literacy will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. Students will apply critical-thinking and problem-solving skills to analyze decisions involving earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college and post-secondary education and training.

PSYCHOLOGY

Course Number: 9170
Placement: 11-12
Credits: ½
Prerequisite: None
This course introduces the various fields of psychology. Human Growth, development, and behavior are studied in order to understand personality theories and disorders. Other topics include abnormal psychology, group behavior, human interaction, therapy, and altered states of consciousness such as hypnosis, hallucinations, sleep and dreams. NCAA approved

ADVANCED PLACEMENT PSYCHOLOGY

Course Number: 9173
Placement: 11-12
Credits: 1
Prerequisite: None
This is a college level course that incorporates an understanding of psychology, the scientific study of human behavior and the mental process. Topics that will be introduced will include memory and thought, body and behavior, sleep and dreams, motivation and emotion, personality and individuality, life span, stress and health, human relationships, psychological research, careers and statistics in psychology and therapy. NCAA approved

(TCC) PSYCHOLOGY

Course Number: 0970
Placement: 11-12
Credits: ½
Prerequisite: 80+ overall GPA & Passing Score on ELAR assessment
TCC corresponding college credit:
PSYC 2301 – Introduction to Psychology (3 semester hours). This is a regular college-level Psychology course in which dual credit will be awarded for college Psychology and high school Psychology. The student will receive 3 hours college credit and ½ high school credit when completed successfully. Students will attend TCC classes on their home campus. **Students electing to take TCC Psychology may not take AP Psychology as these are both college level psychology courses.**

SOCIOLOGY

Course Number: 9180
Placement: 11-12
Credits: ½
Prerequisite: None
This course introduces various fields of sociology. Culture, ethnic and racial groups, gender differences and group dynamics are studied in order to understand socialization. Other topics include crime and deviance, nature versus nurture, and teen problems such as drug and alcohol abuse and other social problems. NCAA approved

(TCC) SOCIOLOGY

Course Number: 0980
Placement: 11-12
Credits: ½
Prerequisite: 80+ overall GPA & TSI Assessment
TCC corresponding college credit: SOCI 1301 – Introduction to Sociology (3 semester hours)
This is a regular college-level Sociology course in which dual credit will be awarded for college Sociology and high school Sociology. The student will receive 3 hours college credit and ½ high school credit when completed successfully. Students will attend TCC classes on their home campus. **The ELAR assessment must be passed before students will be allowed to enroll in TCC classes.**

SPECIAL TOPICS IN SOCIAL STUDIES: WOMEN IN AMERICAN STUDIES

Course Number: 9185
Placement 11-12
Credits: ½
Prerequisite: None
What role did women play in key events in American history? What were women's lives like before the arrival of European settlers, during the colonial period, during the 19th century? How are women portrayed in the media? In this course, students enhance their knowledge of women's roles throughout American history and explore how primary sources reveal and conceal women's history. NCAA

SPECIAL TOPICS IN SOCIAL STUDIES: AFRICAN AMERICAN STUDIES

Course Number: 9186
Placement 11-12
Credits: ½

This elective course provides an opportunity for students to learn about the history and cultural contributions of African Americans. The historical background, customs, art, drama, music, folklore, and other contributions of African Americans to the American way of life are explored. NCAA approved

SPECIAL TOPICS IN SS: HEBREW SCRIPTURES (Old Testament) AND NEW TESTAMENT

Course Number 9187
Placement 11-12
Credits: ½
Prerequisite: World History
This elective course focuses on the content, history, literary style, and structure of the Hebrew Scriptures (Old Testament) and New Testament. Students will use primary and secondary source materials, technology, and critical thinking skills.

SPECIAL TOPICS IN SS: MEXICAN AMERICAN STUDIES

Course Number 9188
Placement 11-12
Credits: ½
Prerequisite: None
This elective course provides an opportunity for students to learn about the history and cultural contributions of Mexican Americans. The historical background, customs, art, drama, music, folklore, and other contributions of Mexican Americans to the American way of life explored. NCAA approved

ACADEMIC DECATHLON TEAM

Course Number(s): 2340
Placement: 10-12
Credits: 1
Prerequisite: Student Application
Students will participate on the competitive Academic Decathlon team. First year students are awarded credit in Special Topics in Advanced Studies. Second year students are awarded .5 credit in Special Topics in Social Studies. This course may **not** be used to fulfill any of the English requirements for graduation.



ELECTIVES

AVID I (Advancement Via Individual Determination I)

Course Number: 1010
Placement: 9
Credits: 1
Prerequisite: Identified as an AVID student through application and interview process

The AVID elective class prepares students in the academic middle for college readiness and success. Students receive instruction in writing, inquiry, collaboration, organization and reading strategies. Student empowerment, leadership, college preparedness, and career knowledge are developed to support post-secondary readiness. This 9th grade class includes tutor-facilitated study groups to support student success in all courses and emphasizes analytical writing and personal goals. AVID students must enroll in at least one Pre-AP course in addition to the AVID elective class. Students visit a college/university during the school year.

AVID II (Advancement Via Individual Determination II)

Course Number: 1015
Placement: 10
Credits: 1
Prerequisite: AVID I or identification as an AVID student through application and interview process

The AVID elective class prepares students in the academic middle for college readiness and success. Students receive instruction in writing, inquiry, collaboration, organization and reading strategies. Student empowerment, leadership, college preparedness, and career knowledge are developed to support post-secondary readiness. This 10th grade class includes tutor-facilitated study groups to support student success in all courses and emphasizes text analysis and preparation for college entrance exams. AVID students must enroll in a Pre-AP or AP course in addition to the AVID elective class. Students visit a college/university during the school year.

AVID III (Advancement Via Individual Determination III)

Course Number: 1020
Placement: 11
Credits: 1
Prerequisite: AVID II

The AVID elective class prepares students in the academic middle for college readiness and success. Students receive instruction in writing, inquiry, collaboration, organization and reading strategies. Student empowerment, leadership, college preparedness, and career knowledge are developed to support post-secondary readiness. This 11th grade course includes tutor-facilitated study groups to support student success in all classes and is the first part in a junior/senior seminar course focused on writing, critical thinking, college application processes, and post-secondary plans. AVID students must enroll in a Pre-AP, AP, or dual enrollment course in addition to the AVID elective class.

AVID IV (Advancement Via Individual Determination IV)

Course Number: 1025
Placement: 12
Credits: 1
Prerequisite: AVID III

The AVID elective class prepares students in the academic middle for college readiness and success. Students receive instruction in writing, inquiry, collaboration, organization and reading strategies. Student empowerment, leadership, college preparedness, and career knowledge are developed to support post-secondary military-readiness. This 12th grade course includes tutor-facilitated study groups to support student success in all classes and is the second part in a junior/senior seminar course that includes research and assists students with the college entrance process. AVID students must enroll in a Pre-AP, AP, or dual enrollment course in addition to the AVID elective class.

GLOBAL BUSINESS

Course Number: 1201
Placement: 10-12
Credits: .5 – 1
Prerequisite: None

In Global Business students will 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 will apply technical skills to address global business applications of emerging technologies. Students will develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students will enhance reading, writing, computing, communication and reasoning skills and apply them to the business environment.

VIRTUAL BUSINESS

Course Number: 1203
Placement: 10-12
Credits: 0.5
Prerequisite: None

Virtual Business is designed for students to start a virtual business by creating a web presence, conducting online and off-line marketing, examining contracts appropriate for an online business, and demonstrating project-management skills. Students will also demonstrate bookkeeping skills for a virtual business, maintain business records, and understand legal issues associated with a virtual business.

BUSINESS LAW (HC & BB)

Course Number: 1215A/B or 1215CT
Placement: 10-12
Credits: 1
Prerequisite: None

Students analyze the social responsibility of business and industry regarding the significant issues relating to the legal environment, business ethics, torts, contracts, negotiable financial instruments, personal property, sales, warranties, business organizations, concept of agency and employment and real property.

DOLLARS & SENSE

Course Number: 1220
Placement: 9-12
Credits: 0.5
Prerequisite: None

This course focuses on decision-making skills related to money management. Students will plan a household budget, understand proper credit card use, balance a checkbook, and calculate interest accrued from loans.

BANKING & FINANCIAL

Course Number: 1226
Placement: 10-12
Credits: 0.5
Prerequisite: BIM I

This course surveys the principles and practices of banking and credit in the United States and globally. The students learn about the major functions of banks and other depository institutions, in-house operations and procedures, central banking through the Federal Reserve System, and modern trends in the banking industry. Students develop the knowledge and skills in the many aspects of banking to become competent consumers, employees, and entrepreneurs. The credit component provides an overview of credit functions and operations including credit risk evaluation, loan creation and debt collection.

MONEY MATTERS (HC & BB)

Course Number: 1230A/B OR 1230CT
Placement: 9-12
Credits: 1
Prerequisite: None

This course introduces students to the financial planning process and the components of a comprehensive financial plan. Students will investigate global economics with emphasis on the free enterprise system and its impact on consumers and businesses. Students will learn how to achieve long-term financial goals by preparing a financial plan that includes saving, investing, budgeting, borrowing, risk management (insurance) and retirement and estate planning. Students will analyze income and taxes, learn to use credit wisely, evaluate personal financial needs and manage personal finances

BUSINESS INFORMATION MANAGEMENT I

Course Number: 1240A/B
Placement: 9-12
Credits: 1
Prerequisite: None

This course provides students the opportunity to implement personal and interpersonal skills to strengthen individual performance in the workplace and/or postsecondary education. Students apply technical skills, using Microsoft Office to create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation. Possible Certification: +Microsoft Office Specialist Word*

BUSINESS INFORMATION MANAGEMENT II

Course Number: 1250A/B
Placement: 10-12
Credits: 1
Prerequisite: BIM I

This course continues where Business Information Management I end and students will create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs and make electronic multimedia presentations. In addition, students may prepare for and take Microsoft Office Specialist certification tests in Word, Excel and PowerPoint. Possible Certification: +Microsoft Office Expert Word*

DIGITAL MEDIA (HC & BB)

Course Number: 1280A/B OR 1280CT
Placement: 9-12
Credits: 1
Prerequisite: None

Students will develop beginner-intermediate skills in Adobe Creative Suite software including InDesign, Photoshop Extended, Acrobat Professional, Illustrator, and Fireworks. Become a multimedia, presentation master! In this course the students design and create original interactive computer-generated multimedia projects and presentations. Students will learn to use digital cameras and scan and edit photographs. Students create animation and dynamic web content while learning about careers and the ethical, acceptable use of multimedia. Portfolio development, along with correct oral and written communication skills will be integral in all aspects of this course.

PRINCIPLES OF HUMAN SERVICES

Course Number: 1505A/B
Placement: 9-12
Credits: 1
Prerequisite: None

Principles of Human Services is a laboratory course that will enable students to investigate careers in the Human Services Career Cluster, including counseling and mental health, early childhood development, family and community, personal care, and consumer services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

LIFETIME NUTRITION & WELLNESS

Course Number: 1513
Placement: 9-12
Credits: 0.5 Length: 18 weeks

This laboratory course teaches students to make informed choices that promote nutrition and wellness throughout the life cycle. Instruction addresses nutritional needs of individuals, menu planning, special dietary needs, food costs and budgeting, food safety and sanitation procedures, food handling and basic food preparation procedures.

COUNSELING & MENTAL HEALTH

Course Number: 1514A/B
Placement: 11-12
Credits: 1
Prerequisite: 2 credits from Level I or II in Family & Consumer Science

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

INTERPERSONAL STUDIES

Course Number: 1517
Placement: 9-12
Credits: 0.5
Prerequisite: None

Interpersonal Studies examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

CHILD DEVELOPMENT

Course Number: 1520A/B
Placement: 10-12
Credits: 1
Prerequisite: None

This course addresses skills related to child growth and development from pregnancy through school-age. Students will identify healthy behaviors during pregnancy, understand the birthing process, and identify the physical, emotional, social, and intellectual development of children at various stages of development. Other topics include characteristics of quality child care, prevention of child abuse and investigate safe and healthy environments for children to grow and thrive properly.

PRINCIPLES OF EDUCATION & TRAINING (BB only)

Course Number: 1536CT
Placement: 9-12
Credits: 1

Students will use self-knowledge and educational and career information to analyze various careers within the education and training career cluster. Students will also gain an understanding of the basic knowledge and skills essential to careers within the education and training career cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

INTRODUCTION TO CULINARY ARTS (BB only)

Course Number: 1542 A/B OR 1542CT
Placement: 9-12
Credits: 1
Prerequisite: Recommended that 11th /12th graders take on home campus and 9th /10th take at BB

This laboratory course teaches students to make informed choices that promote nutrition and wellness throughout the life cycle. Instruction addresses nutritional needs of individuals, menu planning, special dietary needs, food costs and budgeting, food safety and sanitation procedures, food handling and basic food preparation procedures.

WEB COMMUNICATIONS

Course Number: 1854
Placement: 9-12
Credit: 0.5
Prerequisite: None

Students will acquire knowledge of web communications and technological operations and concepts. This is an exploratory course in web communications. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

PROFESSIONAL COMMUNICATIONS

Course Number: 2246
Placement: 9-12
Credits: 0.5
Prerequisite: None

Professional Communications blends written, oral and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics and conduct Internet research. Students who are enrolled in this course will receive Professional Communications credit, which satisfies this ½ credit graduation requirement.

FAMILY & COMMUNITY SERVICES

Course: 1518A/B
Placement: 10-12
weeks
Credits: 1
Prerequisite: 2 credits from Level I or II in Family & Consumer Science Length: 36

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

COMMUNITY SERVICE

Course Number: 9710, 9711
Placement: 11-12
Credits: ½
Prerequisite: Student Application

The Community Service Program is designed to help students increase their awareness of how communities operate by participating in the activities of a community under the guidance of mentors who are actively involved in some area of the community. Students will learn the importance of becoming more responsible citizens while some facet of the community becomes the classroom for one class block where the student learns how to help meet community needs. The course is full of opportunities for critical thinking, development of speaking skills and written analysis about the student's area of the community. The student must have a valid Texas driver's license and transportation to and from the community service assignment.

JUNIOR ROTC I, II, III, IV

Course Number: 9601, 9603, 9605, 9607
Placement: 9-12
Credits: 1 credit per course
Prerequisite: Student Application

JROTC is a class sponsored by the military services that does not recruit students for the military; rather it emphasizes leadership training, selfless service, citizenship, responsibility, and respect. Students may enter this class at any grade level. Students will have opportunities to compete in activities such as Color Guard, Drill Team, Academics, Orienteering, Physical Fitness, and many others. Uniforms are issued at no cost to the student and are worn one day per week. JROTC is a PE substitution. Benefits include:

- Up to 12 college credit hours through regionally accredited partner colleges
- College scholarship opportunities
- The ability to earn nationally recognized awards and decorations
- Increased responsibility based upon performance
- No service obligation, but offers accelerated rank for those who successfully complete two years and choose to enter military service

JUNIOR *AIR FORCE* ROTC I, II, III, IV

Course Number: 9601, 9603, 9605, 9607
Placement: 9-12
Credits: 1 credit per course
Prerequisite: None

This course is comprised of Aerospace Science, Leadership Education and Wellness. Students will focus on aviation history, the science of flight, the exploration of space, and different world cultures. Leadership education begins with the Air Force Junior Reserve Officer Training Corps (AFJROTC) program for first-year students. All cadets receive communication and leadership skills, self-awareness, discipline training, community involvement and service throughout the program. Selected senior level cadets will study and participate in the management of the cadet corps. Drill and Ceremonies fundamentals and in-depth instruction in Air Force drill and ceremonies are included along with lessons on the Air Force's organizational structure. The wellness portion is based on the Presidential Fitness program and is focused upon individual base-line improvements with the goal of achieving a national standard as calculated with age and gender. **This course is available to Timberview High School students, only.** Subject matter (approved through the Air Force), such as survival training, and "Unlocking Your Potential," may be added, substituted or augment the lessons above. Benefits include:

- Up to 12 college credit hours through regionally accredited partner colleges
- College scholarship opportunities
- The ability to earn nationally recognized awards and decorations
- Increased responsibility based upon performance
- No service obligation, but offers accelerated rank for those who successfully complete two years and choose to enter military service

OFFICE ASSISTANT

Course Number: 9740
Placement: 12
Credits: ½ -1 (Local)
Prerequisite: Student Application

Students in this course will be assigned to an office or a library as an aide. Students receive experience in general office administration.

STUDENT GOVERNMENT AND LEADERSHIP

Course Number: 9730
Placement: 9 -12
Credits: 1
Prerequisite: Student Application

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

TEEN LEADERSHIP I

Course Number: 9700
Placement: 9-12
Credits: ½
Prerequisite: None
Students will learn leadership skills, personal responsibility, emotional intelligence, conflict resolution/peer mediation, public speaking, principle-based decision making, social skills, choices have consequences, preparation for school-to-work transition, and goal setting.

TEEN LEADERSHIP II

Course Number: 9705
Placement: 11-12
Credit: 1 (Local)
Prerequisite: Teen Leadership I
Teen Leadership II is a program offered to upper level students who have successfully completed Teen Leadership I. Students will apply the lessons while mentoring at-risk elementary students, participating in community service, and opportunities to meet and discuss with civic and community leaders about future prospects for leadership.

INDEPENDENT STUDY MENTORSHIP PROGRAM

Course Number: 9800
Placement: 11-12
Credits: 1 (Local)
Prerequisite: Student Application & Interview
This course provides students an opportunity to gain an academic experience outside of the classroom through field work and research with a professional mentor in the student's field of study. Students will be able to pursue individual areas of interest, gain valuable real world communication skills, and create an innovative product that is of professional quality.

ADDITIONAL CONTENT AREA ELECTIVES:

Electives are also available in core subject areas and other content areas. In order to see a full list of course options please select the course category below:

English	**Math**
Science	**Social Studies**
PE/Athletics	**Fine Arts**
LOTE	**Journalism**

BEN BARBER INNOVATIONS ACADEMY ELECTIVES

Please see complete list of Ben Barber electives and opportunities available in the BBIA section of the course guide.



FINE ARTS

ART

With the exception of instruction in basic processes, some art courses require students to furnish their own materials. Please contact your high school art department for fees associated with specific courses.

ART I
Course Number: 3100
Placement: 9-12
Credits: 1
Prerequisite: None
Student will study design, drawing, painting, graphics arts, and art history. Other topics include work in clay, weaving, and sculpture. Awareness and sensitivity to one's environment will be developed, along with inventive and imaginative expression through art materials and tools. Students will also practice visual discrimination and aesthetic judgment.

ART II
Course Number: 3110
Placement: 10-12
Credits: 1
Prerequisite: Art I
This course is a continuation of the basics of Art I. It stresses design and strengthens art skills. It focuses on drawing from observation and improving drawing skills. Students will also work in painting, printmaking, ceramics, and sculpture.

ART II – CERAMICS
Course Number: 3115
Placement: 10-12
Credits: 1
Prerequisite: Art I
Students will learn basic pottery wheel and hand-building techniques for creating vessels and sculpture. Students will explore various finishing and firing processes. Students will only be able to take the Art III and IV ceramics disciplines if they do not take Art II or Advanced Art II in addition to this class.

ADVANCED ART II
Course Number: 3120
Placement: 10-12
Credits: 1
Prerequisite: Art I
This course is designed for the students who show superior skills and interest in art. Artistic awareness, critical thinking, imaginative expression, appreciation of art culture, and aesthetic judgment are emphasized.

ART III – DRAWING
Course Number: 3131
Placement: 10-12
Credits: 1
Prerequisite: Art II
Students will work with a variety of media from pencil to prism colors to pastels, etc. and will explore a variety of styles from grid drawing to free style.

ART IV – DRAWING
Course Number: 3136
Placement: 11-12
Credits: 1
Prerequisite: Art III Drawing
Students will work with a variety of media from pencil to prism colors to pastels, etc. and will explore a variety of styles from grid drawing to free style.

ART III – PAINTING
Course Number: 3132
Placement: 10-12
Credits: 1
Prerequisite: Art II
Students will concentrate on all types of painting: oil painting, watercolor, etc.

ART IV – PAINTING
Course Number: 3137
Placement: 11-12
Credits: 1
Prerequisite: Art III Painting
Students will concentrate on all types of painting: oil painting, watercolor, etc.

ART III – SCULPTURE
Course Number: 3134
Placement: 10-12
Credits: 1
Prerequisite: Art II
Working with clay, wood, plastics, etc., in a sculptural manner will be the focus.

ART IV – SCULPTURE
Course Number: 3139
Placement: 11-12
Credits: 1
Prerequisite: Art III Sculpture
Working with clay, wood, plastics, etc., in a sculptural manner will be the focus.

ART III – CERAMICS
Course Number: 3133
Placement: 10-12
Credits: 1
Prerequisite: Art II or Art II Ceramics
Students will form pottery and other types of containers using different methods of coil, slab, pinch and the pottery wheel.

ART IV – CERAMICS
Course Number: 3138
Placement: 11-12
Credits: 1
Prerequisite: Art III Ceramics
Students will form pottery and other types of containers using different methods of coil, slab, pinch and the pottery wheel.

ART III – PHOTOGRAPHY
Course Number: 3135
Placement: 10-12
Credits: 1
Prerequisite: Art II
Photography is an art course in which the camera is the art tool. *Student will be required to furnish either a 35mm film camera and film or a digital camera with a "manual" setting.* Students will learn to compose photographs in an artistic manner, to develop their film, and print the photographs.

ART IV – PHOTOGRAPHY
Course Number: 3140
Placement: 11-12
Credits: 1
Prerequisite: Art III Photography
Photography is an art course in which the camera is the art tool. *Student will be required to furnish either a 35mm film camera and film or a digital camera with a "manual" setting.* Students will learn to compose photographs in an artistic manner, to develop their film, and print the photographs.

ADVANCED PLACEMENT STUDIO ART: DRAWING PORTFOLIO
Course Number: 3145
Placement: 11-12
Credits: 1
Prerequisite: Student Application
This course is designed for students who are seriously interested in exploring drawing issues and media. Light and shade, line quality, rendering of form, composition, surface manipulation, and illusion of depth will be explored through a variety of media. This course is designed to prepare the student to submit an AP portfolio. All students are expected to submit a portfolio for Advanced Placement review.

ADVANCED PLACEMENT STUDIO ART: 2-D DESIGN PORTFOLIO
Course Number: 3146
Placement: 11-12
Credits: 1
Prerequisite: Student Application
This course is designed for students who are seriously interested in exploring 2-D design issues. Students will demonstrate a proficiency in 2-D design using a variety of art forms. These may include, but are not limited to, graphic design, digital imaging, photography, collage, illustration, printmaking, painting, etc. This course is designed to prepare the student to submit an AP portfolio. All students are expected to submit a portfolio for Advanced Placement review.

ADVANCED PLACEMENT STUDIO ART: 3-D DESIGN PORTFOLIO
Course Number 3147
Placement: 11-12
Credits: 1
Prerequisite: Student Application
This course is designed for students who are seriously interested in exploring 3-D design issues. Students will demonstrate a proficiency in 3-D design using a variety of art forms. These may include, but are not limited to, graphic design, digital imaging, photography, collage, illustration, printmaking, painting, clay, wood, plaster, mold-making, found objects, papier-mâché, metals, jewelry, glass, plastics, cardboard, paper and fibers, etc. This course is designed to prepare the student to submit an AP portfolio. All students are expected to submit a portfolio for Advanced Placement review.

ADVANCED PLACEMENT ART HISTORY
Course Number: 3150
Placement: 10-12
Credits: 1
Prerequisite: none
The AP Art History course is equivalent to a two-semester introductory college course that explores topics such as the nature of art, art making, and responses to art. By investigating a specific image set of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the course fosters in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content, as they experience, research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art. In order to meet the goals of this course, students will be expected to work outside of class. College-level writing is a feature of the course because two thirds of the AP exam is free response essay.

(TCC) DRAWING I
Course Number: 0332
Placement: 11-12
Credits: ½
Prerequisite: 80+ overall GPA & TSI Assessment
TCC corresponding college credit: ART 1316 – Drawing I (3 semester hours)
This is a regular college-level Art course investigating drawing media and techniques of drawing including descriptive and expressive possibilities. The student will receive 3 hours of college credit and ½ high school credit when completed successfully. Students will attend TCC classes on their home campus. **The ELAR assessment must be passed before students will be allowed to enroll in TCC classes. (MISD requirement only)**

(TCC) ART HISTORY
Course Number: 0335
Placement: 11-12
Credits: ½
Prerequisite: 80+ overall GPA & TSI Assessment
TCC corresponding college credit: ART 1303 – Art History (3 semester hours)
This is a regular college-level Art course focused on exploring the purposes and processes in the visual arts including evaluation of selected works of painting, sculpture, architecture and industrial design related to everyday life. The student will receive 3 hours college credit and ½ high school credit when completed successfully. Students will attend TCC classes on their home campus. **The ELAR assessment must be passed before students will be allowed to enroll in TCC classes. (MISD requirement only)**

FLORAL DESIGN
Course Number: 1110CT
Placement: 9-12
Credits: 1
Prerequisite: None
For careers in floral design, students need to attain academic skills and knowledge as well as technical knowledge in skills related to horticulture systems and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. This course is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises.

DIGITAL ART & ANIMATION
Course Number: 1053BB
Placement: 10-12
Credits: 1
Prerequisite: Animation I
Digital Art and Animation consists of computer images and animations created with digital imaging software. Digital Art and Animation has applications in many careers, including graphic design, advertising, web design, animation, corporate communications, illustration, character development, script writing, storyboarding, directing, producing, inking, project management, editing, and the magazine, television, film, and game industries. Students in this course will produce various real-world projects and animations. **This course can be used as a Fine Arts Credit.**

3D MODELING & ANIMATION
Course Number: 1054BB
Placement: 10-12
Credits: 1
Prerequisite: Animation I
3-D Modeling and Animation consists of computer images created in a virtual three-dimensional (3-D) environment. 3-D Modeling and Animation has applications in many careers, including criminal justice, crime scene, and legal applications; construction and architecture; engineering and design; and the movie and game industries. Students in this course will produce various 3-D models of real-world objects. **This course can be used as a Fine Arts Credit.** Possible +Certification: Adobe Animate

MUSIC

Students are expected to remain in band, color guard and choir all school year.

CHOIR I, II, III, IV
Course Number(s): 3205, 3206, 3207, 3208
Placement: 9-12
Credits: ½-1 per course
Prerequisite: No
Audition Required
This course provides novice students the study of vocal and choral techniques, music theory, sight- reading, music history and literature, performance activities, and creative expression. Students will be required to participate in school concerts, UIL Solo/Ensemble contest and UIL Concert/Sight Reading and specially requested programs. It is designed to enhance and build the vocal abilities of the maturing male and female voice.

TENOR/BASS ENSEMBLE I, II, III, IV
Course Number(s): 3225, 3226, 3227, 322
Placement: 9-12
Credits: ½-1 per course
Prerequisite: Audition
This varsity (select) or non-varsity choir consists of 9-12 grade students, most of whom have had previous choral experience at the high school or middle school level. Students will study vocal and choral techniques, music theory, sight-reading, music history andliterature, performance practices, and creative expression. Students are required to participate in school concerts, UIL Concert/Sight Reading, UIL Solo/Ensemble contest, and specially requested programs. Students are admitted into this class byaudition. Students must maintain academic eligibility to participate in this ensemble.

TREBLE ENSEMBLE I, II, III, IV
Course Number(s): 3235, 3236, 3237, 3238
Placement: 10-12
Credits: ½-1 per course
Prerequisite: Audition
This varsity (select) or non-varsity ensemble of treble voices consists of 10-12 grade students, most of whom have had previous choral experience at the high school level. Students will study vocal and choral techniques, music theory, sight- reading, music history and literature, performance practices, and creative expression. Students are required to participate in school concerts, UIL Concert/Sight Reading, UIL Solo/Ensemble contest, and specially requested programs. Membership is open primarily to students with previous choral experience in grades 10-12 by audition with the director. Students must maintain academic eligibility to participate in this ensemble.

MARCHING BAND I, II, III, IV (FALL)
Course Number: 3241, 3242, 3243, 3244
Placement: 9-12
Credits: ½-1 per course
Prerequisite: Audition
The Marching Band performs at all varsity football games and related activities. The marching band consist of physical activities that would involve student movement while performing an instrument and/or auxiliary equipment. The Marching Band also participates in various marching competitions and civic performances in the area. Once a member of the marching band, it is expected to participate in all events, and rehearsals during and after-school hours. Students in marching band must be enrolled in Band I, II, III, and IV. Marching Band will waive ½ credit of PE each fall.

BAND I, II, III, IV (SPRING)
Course Number: 3251, 3252, 3253, 3254
Placement: 9-12
Credits: ½-1 per course
Prerequisite: Audition & Band Membership in the previous school term
Students will study instrumental techniques, music theory, sight-reading, music history, performance techniques, and leadership. Audition and other criteria will determine membership and placement in the different levels/ensembles. Members in the varsity ensemble sections are expected to participate in the All-Region Band Auditions, Solo & Ensemble Contest, and be leaders in other performing ensembles such as Jazz Band, Brass Choirs, Woodwind Choirs, and Percussion Ensemble. frequently perform at various school andcivic functions. Students in band are expected to perform and rehearse at the highest level of their ability. Students enrolled in Band I, II, III, IV must be enrolled in Marching Band.

ORCHESTRA I, II, III, IV
Course Number: 3160, 3161, 3162, 3163
Placement: 9-12
Credits: 1
Prerequisite: None
This course is designed for intermediate or advanced string students. Students will learn more advanced techniques on their instrument and perform music with a higher level of difficulty. Orchestra students will participate in UIL events, various competitions, special performances and community events.

ADVANCED PLACEMENT MUSIC THEORY
Course Number: 3230
Placement: 9-12
Credits: 1
Prerequisite: None
Written music theory is the study of musical designs, proportions, and inventive patterns that are transformed by the mind into aesthetic experiences. In general, students will gain fluency through both analysis and occasional writings of their own. In addition to studying written music theory (including scales, intervals, chords, etc.), students will be involved in ear training exercises/drills. Ear training is a multi-faceted endeavor. Its subdivisions include sight singing, melodic dictation, harmonic dictation, and rhythmic dictation.The drills involved with the study of ear training are tobe practiced as dutifully as that on the student's performance instrument.

(TCC) MUSIC
Course Number: 0333
Placement:
11-12
Credits: ½
Prerequisite: 80+ overall GPA & TSI Assessment
TCC corresponding college credit:
MUSI 1306 – Music Appreciation (3 semester hours)
This is a regular college-level Music course designed tounderstand music through the study of cultural periods, major composers, and musical elements. The student will receive 3 hours college credit and ½ high school credit when completed successfully. Students will attend TCC classes on their home campus. **The ELAR assessment must be passed before students will be allowed to enroll in TCC classes. (MISD requirement only)**

THEATER ARTS

THEATER ARTS I
Course Number: 3400
Placement: 9-12
Credits: 1
Prerequisite: None
This course stresses the expressive use of body and voice, along with aesthetic growth through appreciation of theatrical events. The course of study includes basic actor training, stage movement including mime and stage combat, and voice and diction including oral interpretation and characterization.

MUSICAL THEATER I, II, III, IV
Course Number: 3410, 3411, 3412, 3413
Placement: 9-12
Credits: ½ - 1
Prerequisite: Theater Arts I & Audition
This course introduces students to musical theater, its style and its history. Students will become acquainted with Broadway history, aspects of music production, acting and singing as well as exploring various styles of dance – tap, jazz and ballet. Students will be required to participate in after school performances. Students enrolling in this course may be expected to adhere to dress requirements, which will be at the students' own expense.

THEATER ARTS II
Course Number: 3420
Placement: 10-12
Credits: 1
Prerequisite: Theater Arts I
This course is a more intensive study of the skills and concepts included in Theater Arts I. Advanced acting, make-up, improvisation, film and TV, puppetry, masks, and readers' theater will be studied.

THEATER ARTS III
Course Number: 3430
Placement: 11-12
Credits: 1
Prerequisite: Theater Arts II & Audition
Geared towards the serious drama student, this course continues the span of instruction of Theater Arts I and II. Directing, auditioning and playwriting are studied in thethird level curriculum. Theater III focuses on acting style and technique.

THEATER ARTS IV
Course Number: 3440
Placement: 11-12
Credits: 1
Prerequisite: Theater Arts III & Audition
Geared towards the serious drama student, this course continues the span of instruction of Theater Arts I, II and III. Directing, auditioning and playwriting are studied in the fourth level curriculum. Theater IV focuses on acting style and technique.

THEATER PRODUCTION I, II, III
Course Number: 3451, 3452, 3453
Placement: 10-12
Credits: ½-1 per course
Prerequisite: Student Application/Audition
This class will be required to meet outside of regular class time (usually after school, at night, and/or on the weekends). Class will meet 8-10 weeks for a minimum of15 hours per week. There will be at least one production each year. Rehearsals and crews will be assigned. Each student is required to be involved in production activities a minimum of 80 hours. Students enrolling in this course may be expected to adhere to a morestringent dress requirement, which will be at the students' own expense.

TECHNICAL THEATER I
Course Number: 3460
Placement: 10-12
Credits: 1
Prerequisite: Student Application
Design and production concepts and techniques will be studied in scenery, properties, lighting, sound, costumes and make-up. Hands-on experience will be involved in class practicum and during production of shows during the school year. Students will have 20 hours of outside/after school lab time during the course.

TECHNICAL THEATER II, III, IV
Course Number: 3461, 3462, 3463
Placement: 10-12
Credits: ½-1 per course
Prerequisite: Technical Theater I & Student Application
This class emphasizes the design of scenery, costuming, lighting and sound. Students will learn theater management and work with Technical Theater I. Students in production practicum will create their own Theater production designs in all areas. Students willhave 20 hours of outside/after school lab time during the course.

(TCC) DRAMA

Course Number: 0334
Placement:
11-12
Credits: ½
Prerequisite: 80+ overall GPA & TSI Assessment
TCC corresponding college credit:
DRAM 1310 – Introduction to Theatre (3 semester hours)This is a regular college-level Art course surveying allphases of theatre including its history, dramatic works, stage techniques, production procedures, and relationto fine arts. The student will receive 3 hours college credit and ½ high school credit when completed successfully. Students will attend TCC classes on theirhome campus. **The reading TSI Assessment must be passed before students will be allowed to enroll inTCC classes. (MISD requirement only**

DANCE

Beginner Dance

Course Numbers: 3610, 3620, 3630, 3640
Placement: 9-12
Credits: ½ - 1
Prerequisite: None
This course is to give students of varying dance abilities and experience the opportunity to enrich their kinesthetic awareness by learning several genres of dance. Students will learn about basic ballet, jazz, modern, hip-hop, and yoga combinations and variations of these styles and forms. Classes include intense stretching and various aerobic activities, as well as learning anatomy of the human body, history of dance, choreography, and dance production. In addition to some written work, tests will be given over physical execution of dance moves and stretching ability. This course requires dance/jazz shoes and may require some outside/after school practice time. See campus course syllabus and instructor for details.

Intermediate Dance

Course Numbers: 3610, 3620, 3630, 3640
Placement: 9-12
Credits: ½-1 per course
Prerequisite: Audition Only
Continuation of all Dance I skills and activities done at a higher level, and is faster paced. Students will be expected to have proper dance clothing for the course. This course requires taking beginner dance and completing an audition.

Advanced Dance

Course Numbers: 3610, 3620, 3630, 3640
Placement: 9-12
Credits: ½-1 per course
Prerequisite: Audition Only
Continuation of all beginner and/or intermediate dance skills and activities done at a higher level, and is faster paced. Students will be expected to have proper dance clothing for the course. This course requires taking beginner and/or intermediate dance and completing an audition.

(TCC) DANCE

Course Number: 0332
Placement: 11-12Credits: ½
Prerequisite: 80+ overall GPA & TSI Assessment
TCC corresponding college credit: DANC 2303 – Dance Appreciation (3 semester hours). This is a regular college- level Dance course surveying primitive, classical, and contemporary dance and its interrelationship with cultural developments and other art forms. The student will receive 3 hours of college credit and ½ high school credit when completed successfully. Students will attend TCC classes on their home campus. **The reading TSI Assessment must be passed before students willbe allowed to enroll in TCC classes. (MISD requirement only)**

JV DRILL TEAM

Course Number 4081
Placement: 9 - 12
Credits: 1
Prerequisite: Try-Outs
This course is designed for students who wish to learn and improve their technical dance skills based on classical ballet and jazz. Students will learn dance routines using proper carriage, presentation and group performance skill. Each student will be a member of the JV Drill team. **Students will be expected to purchase uniform, shoes, leotards, poms, and tights. (About $400-$1000)** This team will be a performing group and as such will have after school practices and performances. This group will be under the UIL guidelines regarding No Pass/No Play. **The first year a student successfully completes Drill Team they willreceive one PE credit substitution. The subsequentyears will receive Fine Arts credit for Dance certified instructor.**

VARSITY DRILL TEAM

Course Number 4071, 4072, 4073, 4074
Placement: 10-12
Credits: ½-1 per course
Prerequisite: Try-outs
Drill Team is a performing group for various athletic events and other school functions. Tryouts are held during the spring term of the preceding year. Drill Team members participate in various statewide competitions. This team will be a performing group and as such will have after school practices and performances. Studentswill be expected to purchase uniform, shoes, leotards, poms, and tights. (About$400-$1000) This group will be under the UIL guidelines regarding No Pass/No Play. **The first year a student successfully completesDrill Team they will receive one PE credit substitution. The subsequent years will receive Fine Arts credit from a Dance certified instructor.**

HEALTH, PE & ATHLETICS



REQUIREMENTS FOR PHYSICAL EDUCATION

- Students are required to earn a minimum of 1 credit in physical education, but they may earn no more than 4 credits toward state graduation requirements.
- All PE/athletic credits after 4 are considered local credit.
- Each semester UIL competition sports will substitute for physical education.
- Marching band, color guard, and drill team may substitute for physical education.
- The first year of cheer and one year of ROTC will count for a full credit of PE substitution.
- Finally, the district will award state graduation credit for physical education for private or commercially-sponsored physical activity programs conducted off campus:
    - **Category 1**:
        - 15 hours of documented intense activity per week and has particiated in a national level competition or is nationally ranked in their sport or
    - **Category II**:
        - 5 hours of documented intense activity per week.

Categories are determined by the hours and level the student is performing his/her activity. These activities may include but are not limited to ice skating, gymnastics, ballet, fencing, and equestrian sports. If interested in earning physical education credit through off-campus participation in physical activity programs, the student should contact their counselor.

COURSES WHICH MAY WAIVE THE PHYSICAL EDUCATION GRADUATION REQUIREMENT

Marching Band	**Drill Team & JV Drill Team**
Athletic Trainer	**UIL Competition Sports**
Cheerleading	**Color Guard**
Junior ROTC	

HEALTH

Course Number: 4000
Placement: 9-12
Credits: ½
Prerequisite: None
This course, a study of the physical, mental and emotional functions of the body, emphasizes teenage decisions concerning the use of tobacco, alcohol and drugs. Units on fitness, safety, suicide prevention, paternity awareness, nutrition and first aid will be included. A unit on human growth and development will be included in this course. It will include units on the role of family, dating, human reproduction, and childbirth, sexually transmitted diseases, and the importance of decision making. Parent permission is required for certain units.

PE I – LIFETIME FITNESS AND WELLNESS PURSUITS

Course Number: 4001
Placement: 9-12
Credits: ½
Prerequisite: None
This course offers current approaches for the foundation of personal fitness, physical literacy, lifetime wellness, and healthy living. Students will apply the knowledge and skills to demonstrate mastery of the concepts needed to achieve lifetime wellness. Students will participate in a variety of physical activities for attaining personal fitness and lifetime wellness.

PE II – LIFETIME RECREATION AND OUTDOOR PURSUITS

Course Number: 4003
Placement: 9-12
Credits: ½
Prerequisite: None
This course provides opportunities to develop competency in five or more life-long recreational and outdoor pursuits for enjoyment and challenge. Students will participate in activities that promote physical literacy, enhance self-worth and support community engagement.

PE III – SKILL-BASED LIFETIME ACTIVITIES

Course Number: 4004
Placement: 9-12
Credits: ½
Prerequisite: None
This course offers students the opportunity to demonstrate mastery in basic sports skills, basic sport knowledge, and health and fitness principles. Students will experience opportunities that promote physical literacy and lifetime wellness. Students will participate in a minimum of one lifelong activity from each of the following five categories during the course:

- Target games.
- Striking and fielding games
- Fitness activities
- Rhythmic activities
- Innovative games and activities

BEGINNING SWIMMING FOR FITNESS

Course Number: 4010
Placement: 9-12
Credits: ½
Prerequisite: Students must be able to swim one length (25 yards) of the pool.
Beginning swimmers with low skill levels need to learn basic swimming strokes, proper breath control, develop general conditioning, and learn to swim competently. Class is fundamentally organized to stress proper technique throughout the learning process. This is accomplished by using short descriptive lectures, videos, dry land drills, and practice in the pool. Build-up drills, exercises to enhance motor-skill development and games will be included at this level. **This course will be taught at the MISD Natatorium.**

INTERMEDIATE SWIMMING FOR FITNESS

Course Number: 4011
Placement: 9-12
Credits: ½
Prerequisite: Beginning Swimming for Fitness

Intermediate swimmers with moderate skill level will review the rudiments of stroke development as taught in Beginning Swimming before progressing into Intermediate Swimming. Based on each individual's ability and competency, greater emphasis is placed on conditioning. Individual drill and stroke refinement will be included regularly. Students are introduced to advanced skills as they relate to competitive swimming. These skills include but are not limited to, flip turns, competitive starts and finishes. **This course will be taught at the MISD Natatorium.**

ATHLETIC TRAINER

Course Number: 4031
Placement: 9-12
Credits: 1
Prerequisite: Student Application

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

SPORTS MEDICINE

Course Number 4039
Placement: 9-12
Credits: ½
Prerequisite: Student Application

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

PEER ASSIST PE

Course Number 9722
Placement: 9-12
Credits: ½ - 1
Prerequisite: Approval Required

Partners in PE pairs general education students with special education peers in an integrated physical education class. General education students assist peers in PE activities, while also developing leadership capacity and learning valuable skills about working with others. This course encompasses all learning objectives for a physical education course and does count toward the PE graduation requirement.

JV DRILL TEAM

Course Number 4081
Placement: 9
Credits: ½ - 1
Prerequisite: Try-Outs

This course is designed for students who wish to learn and improve their technical dance skills based on classical ballet and jazz. Students will learn dance routines using proper carriage, presentation and group performance skill. Each student will be a member of the JV Drill team. **Students will be expected to purchase uniform, shoes, leotards, poms, and tights. (About $400-$450)** This team will be a performing group and as such will have some after school practices and performances. This group will be under the UIL guidelines regarding No Pass/No Play. The first year a student successfully completes Drill Team they will receive one PE credit substitution. The subsequent years will receive Fine Arts credit for Dance certified instructor.

VARSITY DRILL TEAM I, II, III, IV

Course Number 4071, 4072, 4073, 4074
Placement: 10-12
Credits: ½ - 1 per course
Prerequisite: Try-outs & JV Drill Team

Drill Team is a performing group for various athletic events and other school functions. Tryouts are held ring the spring term of the preceding year. Drill Team members participate in various statewide competitions. Students are expected to purchase uniforms. The first year a student successfully completes Drill Team they will receive one PE credit substitution. The subsequent
years will receive Fine Arts credit for Dance certified instructor.

CHEERLEADING I, II, III, IV

Course Number: 4085 (Local= 4083, 4084, 4091)
Placement: 9-12
Credits: ½ - 1 per course
Prerequisites: Try-outs

Cheerleaders are expected to perform at athletic events and functions throughout the school year. Tryouts are held during the spring term of the preceding year. Uniforms are required and summer cheerleading camp is mandatory. The first year (4085) a student successfully completes cheerleading they will receive one PE credit substitution. Each subsequent year they will receive local credit.

ATHLETICS

Course Numbers: Listed Below in Chart
Placement: 9-12
Credits: ½ - 4 (State) 4 ½ – 8 (Local)
Prerequisite: Approval of Head Coach/Try-outs

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

GIRLS' ATHLETICS	BOYS' ATHLETICS
Freshman Volleyball Course Numbers: 4102	Freshman Football Course Numbers: 4211
Freshman Basketball Course Numbers: 4101	Freshman Basketball Course Numbers: 4212
JV/Varsity Volleyball I-IV Course Numbers: 4111-4114	JV/Varsity Football I-IV Course Numbers: 4251-4254
Girls' JV/Varsity Basketball I-IV Course Numbers: 4121-4124	Boys' JV/Varsity Basketball I-IV Course Numbers:4221-4224
Cross Country/Track and Field I-IV Course Numbers: 4171-4174	Boys' JV/Varsity Soccer I-IV Course Numbers: 4261-4264
Girls' JV/Varsity Soccer I-IV Course Numbers: 4151-4154	JV/Varsity Baseball I-IV Course Numbers: 4201-4204
Softball I-IV Course Numbers:4161-4164	Cross Country/Track and Field I-IV Course Numbers: 4281-4284
Swimming I-IV Course Numbers: 4331-4334	Golf I-IV Course Numbers: 4301-4304
Tennis I-IV Course Numbers: 4311- 4321	Swimming I-IV Course Numbers: 4331-4334
Golf I-IV Course Numbers: 4301-4304	Tennis I-IV Course Numbers: 4311-4314



JOURNALISM

JOURNALISM I

Course Number: 5000
Placement: 9-12
Credits: ½ - 1
Prerequisite: None
This is a beginning journalism course for students who have an interest in writing news, feature and opinion articles. Advertising, desktop publishing and design are also covered. Students who earn an 80 or above are invited to apply for positions on the yearbook or newspaper staff. NCAA approved

PHOTOJOURNALISM I

Course Number: 5010
Placement: 9-12
Credits: ½ - 1
Prerequisite: Student Application
This course is a beginning course for students who have an interest in photography. Students who earn an average of 80 or above are invited to apply for staff positions in the high school yearbook or newspaper. No prerequisite is necessary, but because of costs associated with the course, parental approval is needed. **Students are expected to provide a DSLR camera and lens (approximate cost from $400-$800). A $25 lab fee is also required.**

PHOTOJOURNALISM II

Course Number: 5011
Placement: 10-12
Credits: 1
Prerequisite: Photojournalism I & Student App
This course is an advanced course where students build on the skills learned in the beginning photojournalism class using Digital SLR cameras and Photoshop to learn the technology of photography. Students will leave this class with a photography portfolio and resume suitable for the college application process. Because of costs associated with the course, parental approval is needed. **Students are expected to provide the following: 35 mm Digital or film SLR camera and lens (approximate cost from $200-$800), and a $25 lab fee.**

PHOTOJOURNALISM III

Course Number: 5012
Placement: 11-12
Credits: 1
Prerequisite: Photojournalism II & Student App
This course is an advanced course where students build on the skills learned in the previous photojournalism class using Digital SLR cameras and Photoshop to learn the technology of photography. Photography students have the opportunity to shoot photos for student publications and other MISD events. Students will leave this class with a photography portfolio and resume suitable for the college application process. Because of costs associated with the course, parental approval is needed. **Students are expected to provide a 35 mm Digital/film SLR camera, lens (approximate cost from $200-$800), and a $25 lab fee.**

NEWSPAPER I, II, III

Course Number(s): 5021, 5031, 5035
Placement: 10-12 Newspaper III (11-12)
Credits: 1-2
Prerequisite: Newspaper I=Journalism I & Student Application Newspaper II = Newspaper I & Student Application; Newspaper III = Newspaper II & Student Application
Students will gain practical experience in the elements and processes used in producing his/her high school's newspaper. Students will handle all reporting, editing, photography, layout, advertising, and sales for the newspaper. Opportunities will be provided for students to refine and expand their knowledge and skills through special projects within the field of communications. Students must be willing to attend evening events and to spend additional time to ensure that assignments are completed in time to meet deadlines. Final selection of staff is based on grades, citizenship and recommendations. **Newspaper III counts toward an English IV credit (you must complete one full credit).**

YEARBOOK I, II, III

Course Number(s): 5051, 5061, 5071
Placement: 10-12 (Yearbook III 11-12)
Credits: 1
Prerequisite: Journalism I & Student Application; Yearbook II = Yearbook I & Student Application; Yearbook III = Yearbook II & Student Application
Students will explore the elements and processes necessary for producing his/her high school's yearbook. Proficiency in typing, copywriting, and photography is helpful. Students must be willing to attend evening events and to spend additional time to ensure that assignments are completed in time to meet deadlines. Final selection of staff is based on grades, citizenship, and recommendations. **Yearbook III counts toward an English IV credit (you must complete one full credit).**

BROADCAST JOURNALISM I

Course Number: 5080
Placement: 9-12
Credits: ½-1
Prerequisite: None
Broadcast journalism is an introductory course designed to acquaint students with basic broadcast writing style and develop on-camera techniques. In addition, students will explore the history of radio and television and examine the responsibilities and ethics of broadcast journalists.

BROADCAST JOURNALISM II, III (T.V.)

Course Number(s): 5081, 5071
Placement: 10-12
Credits: ½-1
Prerequisite: Broadcast Journalism I or Journalism I

Students will learn the basics of video production. The class begins with the history of broadcast journalism, and moves to the exploration of story types. Students will be trained in digital video camera techniques, including the basics of shooting and electronically editing video stories. This class collaborates with the print and online publications (newspaper & yearbook) classes to combine /converge print media with broadcast media, for publication on the Internet. The prospective student acknowledges and agrees to the necessity for occasional after-hours (early mornings, evenings, weekends, etc.) work to cover stories and meet deadlines.

VISUAL MEDIA ANALYSIS AND PRODUCTION

Course Number: 5085
Placement: 10-12
Credits: 1
Prerequisite: Journalism I or Photojournalism I or Broadcast Journalism I

This media production class will produce a variety of visual media content. Researched stories, graphics, photos, videos and more will be created in this class then published to the school's newspaper, yearbook or broadcast outlets. Journalism teacher approval is needed for this course.

CONTEMPORARY MEDIA

Course Number: 5086
Placement: 10-12
Credits: 1
Prerequisite: Journalism I or Photojournalism I or Broadcast Journalism I

This advanced media class will produce a variety of contemporary media content including, but not limited to, stories, graphics, photos, sidebars, online interactive components, videos and other coverage. Content created will be published to the school's media outlets. Students are expected to work independently on projects. Journalism teacher approval is needed for this course.

Note about Advanced Lab Journalism Classes

The commitment to meeting deadlines means the student must be able to exercise good time-management, and from time-to-time give priority to their journalism responsibilities over other outside activities.

English Credit for Class of 2018 and Forward

Students in any third level advanced journalism class (Yearbook III, Newspaper III) or Broadcast Journalism III, are eligible for an English credit their senior year.

LOTE
LANGUAGES OTHER THAN ENGLISH



Fifth level of foreign language classes will be available based upon student demand.

AMERICAN SIGN LANGUAGE I
Course Number: 7600BB
Placement: 9-12
Credits: 1
Prerequisite: None
This course introduces communication skills in ASL, including both receptive and expressive signing, as well as interactive communication. This course explores the history of the language and the culture of deaf people. Course taught at Ben Barber Innovation Academy. NCAA approved

AMERICAN SIGN LANGUAGE II
Course Number: 7610BB
Placement: 9-12
Credits: 1
Prerequisite: American Sign Language I
The communication skills acquired in Level I are extended to include distinguishing between variations in signs and non-manual communication. A more in-depth study of deaf culture will be explored. Students will express and receive signed information in a variety of situations. Course taught at Ben Barber Innovation Academy. NCAA approved

AMERICAN SIGN LANGUAGE III
Course Number: 7620BB
Placement: 10-12
Credits: 1
Prerequisite: American Sign Language II
This course is conducted in ASL and emphasizes sign fluency. It offers study of vocabulary, grammar, and deaf history and culture. Expressive and receptive skills will be developed. Non-manual markers and the use of classifiers will be stressed. Course taught at Ben Barber Innovation Academy. NCAA approved

AMERICAN SIGN LANGUAGE IV
Course Number: 7630BB
Placement: 10-12
Credits: 1
Prerequisite: American Sign Language III
This advanced level course, conducted in ASL, furthers the study of poetry, literature, deaf history, culture and community. Students will further their fluency and will be encouraged to become involved in the local deaf community. Students will explore professions that utilize ASL skills along with laws and rights related to Americans with disabilities. Course taught at Ben Barber Innovation Academy. NCAA approved

(TCC) SGNL 1401 BEGINNING AMERICAN SIGN LANGUAGE I
Course Number: 0760
Placement: 10-12
Credits: 1
Prerequisite: 80+ GPA & TSI Assessment
Introduction to American Sign Language covering finger spelling, vocabulary and basic sentence structure in preparing individuals to interpret oral speech for the hearing impaired. This course will be offered at BBIA only. It is recommended that students have some high school experience with ASL prior to dual credit enrollment. This is not a requirement. **The ELAR assessment must be passed before students will be allowed to enroll in TCC classes. (MISD requirement only)**

(TCC) SGNL 1402 BEGINNING AMERICAN SIGN LANGUAGE II
Course Number: 0761
Placement: 10-12
Credits: 1
Prerequisite: 80+ overall GPA & TSI Assessment
Introduction to American Sign Language covering finger spelling, vocabulary and basic sentence structure in preparing individuals to interpret oral speech for the hearing impaired. This course will be offered at BBIA only. **The ELAR assessment must be passed before students will be allowed to enroll in TCC classes. (MISD requirement only)**

(TCC) SGNL 2301 INTERMEDIATE SIGN LANGUAGE I
Course Number: 0762
Placement: 11-12
Credit: 1
Prerequisite: 80+ overall GPA & TSI Assessment
Review and application of conversational skills in American Sign Language interpreting from signing to voice as well as from voice to signing. Introduction to American Sign Language literature and folklore. This course will be offered at BBIA only. **The ELAR assessment must be passed before students will be allowed to enroll in TCC classes. (MISD requirement only**

(TCC) SGNL 2302 INTERMEDIATE SIGN LANGUAGE II

Course: 0763
Placement: 11-12
Credit: 1
Prerequisite: 80 + overall GPA & TSI Assessment
Review and application of conversational skills in American Sign Language interpreting from signing to voice as well as from voice to signing. Introduction to American Sign Language literature and folklore. This course will be offered at BBIA only. **The ELAR assessment must be passed before students will be allowed to enroll in TCC classes. (MISD requirement only)**

CHINESE I

Course Number: 7500BB
Placement: 9-12
Credits: 1
Prerequisite: None
Chinese I is an introduction to the Chinese world, its language and its people. The main emphasis is on oral skills while developing reading and writing skills. The student will be guided in recognizing the interrelationships of language and will develop a cultural appreciation of the Chinese world. The focus of the course is on novice proficiency. Course taught at Ben Barber Innovation Academy. NCAA approved

CHINESE II

Course Number: 7510BB
Placement: 9-12
Credits: 1
Prerequisite: Chinese I
Chinese II continues to develop the oral skills with added emphasis on reading and writing skills. The focus is on the development of mid-to high-novice proficiency. Expansion of vocabulary and grammatical structures continues. Contrast between English and Chinese will strengthen the language learning process. Culturally related actives of selected Chinese speaking countries or regions will be explored. Course taught at Ben Barber Innovation Academy. NCAA approved

ADVANCED CHINESE II

Course Number: 7513BB
Placement: 9-12
Credits: 1
Prerequisite: Chinese I
Chinese II continues to develop the oral skills with added emphasis on reading and writing skills. The focus is on the development of mid-to high-novice proficiency. Expansion of vocabulary and grammatical structures continues. Contrast between English and Chinese will strengthen the language learning process. Culturally related actives of selected Chinese speaking countries or regions will be explored. Course taught at Ben Barber Innovation Academy. NCAA approved

ADVANCED CHINESE III

Course Number: 7523BB
Placement: 10-12
Credits: 1
Prerequisite: Chinese II or Advanced Chinese II
Chinese III continues to develop the oral and writing skills with added emphasis on reading. The focus is on the development of novice mid-to intermediate-low proficiency in speaking with increased emphasis on Advanced Placement exam preparation. Expansion of vocabulary and grammatical structures continues. Culturally-related activities of selected Chinese regions will be explored. Course taught at Ben Barber Innovation Academy. NCAA approved

ADVANCED PLACEMENT CHINESE IV

Course Number: 7530BB
Placement: 10-12
Credits: 1
Prerequisite: Advanced Chinese III
AP Chinese IV prepares students to demonstrate intermediate proficiency across the full range of language skills within a cultural frame of reference. The course will develop reading proficiency of authentic texts, fiction and non-fiction, listening proficiency of formal and colloquial authentic language, and writing proficiency in descriptive, expository, and persuasive styles. This course utilizes critical thinking, reading, and writing skills. The goal of this course is to prepare students to take the AP Chinese Language and Culture exam. This course is conducted predominately in Chinese. Course taught at Ben Barber Innovation Academy. NCAA approved

FRENCH I

Course Number: 7000
Placement: 9-12
Credits: 1
Prerequisite: None
In this course, students begin conversational French as they learn to interact with peers and adults in French, exchange information in French, express opinions and feelings, and persuade peers and adults in French. Students also study cultural history, contemporary attitudes of the Francophone world, and the geography of Paris and France. NCAA approved

FRENCH II

Course Number: 7010
Placement: 9-12
Credits: 1
Prerequisite: French I
This course continues the study of the language and culture with an emphasis on communicating in French. Students also study cultural history, contemporary attitudes of the Francophone world, and the geography of France. NCAA approved

ADVANCED FRENCH II
Course Number: 7013
Placement: 9-12
Credits: 1
Prerequisite: French I
This course studies in more depth the language and culture with an emphasis on communicating in French. Students also study cultural history, contemporary attitudes of the Francophone world, and the geography of France. Contemporary French films may be used as a tool to study authentic use of the language and as examples of the cultures of the Francophone world. NCAA approved

ADVANCED FRENCH III
Course Number: 7023
Placement: 10-12
Credits: 1
Prerequisite: French II or Advanced French II
This honors course expands students' development in speaking, listening, writing, and reading, especially in everyday situations. Literary selections are included for study of language and culture. The class uses contemporary French films as tools to study authentic language and as examples of the cultures of the Francophone world. NCAA approved

ADVANCED PLACEMENT FRENCH IV
Course Number: 7033
Placement: 10-12
Credits: 1
Prerequisite: Advanced French III
This course studies the development of personal expression in everyday situations with a focus on reading, writing, and language. Students will be prepared to take the AP French Language exam. NCAA approved

GERMAN I
Course Number: 7100BB
Placement: 9-12
Credits: 1
Prerequisite: None
This course introduces the basics of conversational German and exposes the student to the culture, heritage, and people of Germany. Students will learn how to socialize, get and give information, express feelings, and persuade others. Course taught at Ben Barber Innovation Academy. NCAA approved

GERMAN II
Course Number: 7110BB
Placement: 9-12
Credits: 1
Prerequisite: German I
This course continues the study of the German language and culture with emphasis on speaking and communicating. Course taught at Ben Barber Innovation Academy. NCAA approved

ADVANCED GERMAN II
Course Number: 7113BB
Placement: 9-12
Credits: 1
Prerequisite: German I
This course continues the study of basic German, concentrating on listening, speaking, reading, and writing skills. The focus for this honors class will be on real world projects. Course taught at Ben Barber Innovation Academy. NCAA approved

ADVANCED GERMAN III
Course Number: 7123BB
Placement: 10-12
Credits: 1
Prerequisite: German II or Advanced German II
This honors course is a continuation of the development of reading, writing, listening and speaking skills begun in German I and II. Geography, culture and functioning in everyday situations will be stressed. Students will begin to prepare for the AP test. Course taught at Ben Barber Innovation Academy. NCAA approved

ADVANCED PLACEMENT GERMAN IV
Course Number: 7140BB
Placement: 10-12
Credits: 1
Prerequisite: Advanced German III
This course is a continuation of the development of reading, writing, listening and speaking skills begun in German I and II. Advanced grammar and literature will be stressed. Students will be prepared to take the AP German Language test. Course taught at Ben Barber Innovation Academy. NCAA approved

JAPANESE I
Course Number: 7700BB
Placement: 9-12
Credits: 1
Prerequisite: None
This course introduces the basics of conversational Japanese and exposes the student to the culture, heritage, and people of Japan. Students will learn how to socialize, get and give information, express feelings, and persuade others. Course taught at Ben Barber Innovation Academy. NCAA approved

JAPANESE II
Course Number: 7710BB
Placement: 9-12
Credits: 1
Prerequisite: Japanese I
Japanese II further develops the skills introduced in Japanese I. Emphasis is on oral and written communication skills. Expansion of vocabulary and grammatical structures continues. Katakana letters and Chinese characters are introduced. Course taught at Ben Barber Innovation Academy. NCAA approved

ADVANCED JAPANESE II
Course Number: 7713BB
Placement: 9-12
Credits: 1
Prerequisite: Japanese I
Advanced Japanese II further develops the skills introduces in Japanese I. Emphasis is on oral and written communication skills. Expansion of vocabulary and grammatical structures continues. Katakana letters and Chinese characters are introduced. Real life Japanese, such as informal speech styles, is also introduced. Course taught at Ben Barber Innovation Academy. NCAA approved

ADVANCED JAPANESE III
Course Number: 7720BB
Placement: 10-12
Credits: 1
Prerequisite: Japanese II
Advanced Japanese III provides for an in-depth development of the skills introduces in the previous courses. Further expansion of vocabulary, grammatical structures, and Chinese characters continues.
Students are expected to develop communication skills in various real-life settings. Course taught at Ben Barber Innovation Academy. NCAA approved

ADVANCED PLACEMENT JAPANESE IV
Course Number: 7730BB
Placement: 10-12
Prerequisite: Advanced Japanese III
Credits: 1
AP Japanese IV provides for further development of communication skills in Japanese in preparation for the AP Japanese Language examination. Emphasis is on advanced grammar and composition as well as comprehension and speaking in a variety of real life settings. Students will be prepared to take the AP exam. Course taught at Ben Barber Innovation Academy. NCAA approved

ADVANCED SPANISH FOR SPANISH SPEAKERS **Course Number: 7385/7390**
Placement: Department Approval via placement assessment
Credits: 3
Prerequisite: Departmental Approval/Placement Assessment
This course is designed for students who have proficient oral production and comprehension skills in Spanish. The course emphasis includes Hispanic culture, reading, and writing skills. Class will be conducted entirely in Spanish. Students will receive credit for Spanish I first semester and Spanish II second. NCAA approved

SPANISH I
Course Number: 7300/7300BB
Placement: 9-12
Credits: 1
Prerequisite: None
This course is designed to introduce students to the Spanish language and culture. The students will develop skills in listening, speaking, reading, and writing Spanish. Students will explore various aspects of Hispanic culture, heritage, and peoples. Major emphasis is on conversational usage of Spanish in real-life situations. Course taught at Home Campus or Ben Barber Innovation Academy. NCAA approved

SPANISH II
Course Number: 7310/7310BB
Placement: 9-12
Credits: 1
Prerequisite: Spanish I
This course further develops the skills introduced in Spanish I. The students will be involved in an in-depth study of the spoken language, listening, reading, writing, and literature. Course taught at Home Campus or Ben Barber Innovation Academy. NCAA approved

ADVANCED SPANISH II
Course Number: 7320/7320BB
Placement: 9-12
Credits: 1
Prerequisite: Spanish I
This course provides for an in-depth development of the skills introduced in Spanish I. Oral comprehension and reading skills are emphasized. Grammar, vocabulary, literature, and cultural studies are also included. Course taught at Home Campus or Ben Barber Innovation Academy. NCAA approved

ADVANCED SPANISH III
Course Number: 7340/7340BB
Placement: 9-12
Credits: 1
Prerequisite: Spanish II or Advanced Spanish II
This honors course is a continuation of the study of the Spanish language with special emphasis on reading comprehension, listening, speaking and advanced grammar and composition in preparation for the AP Spanish Language exam. Course taught at Home Campus or Ben Barber Innovation Academy. NCAA approved

ADVANCED PLACEMENT SPANISH IV
Course Number: 7360/7360BB
Placement: 9-12
Credits: 1
Prerequisite: Advanced Spanish III or Advanced Spanish for Spanish Speakers
This course is an intensive study of Spanish language in preparation for the AP Spanish Language and Culture exam. Emphasis is on advanced grammar, literature, and composition as well as listening comprehension and speaking. Students will be prepared to take the AP test. Course taught at Home Campus or Ben Barber Innovation Academy. NCAA approved

ADVANCED PLACEMENT SPANISH V

Course Number: 7370
Placement: 9-12
Credits: 1
Prerequisite: AP Spanish IV

This course is an intensive study of Spanish Literature in preparation for the AP Spanish Literature and Culture exam. Emphasis is on literature, composition in Spanish, as well as listening comprehension and speaking. Students will be prepared to take the AP test. Course taught at Home Campus. NCAA Approved

COMPUTER SCIENCE I

Course Number: 1050CT
Placement: 9-12
Credits: 1
Prerequisite: Algebra I

Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts. This is a Project Lead the Way course. Note: Course can be used as a LOTE credit for graduation.

COMPUTER SCIENCE II

Course Number: 1051CT
Placement: 9-12
Credits: 1
Prerequisite: Computer Science I

Computer Science II will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of computer science through the study of technology operations, systems, and concepts. This is a Project Lead the Way course

Note: Course can be used as a LOTE credit.

AP COMPUTER SCIENCE A – MATH/LOTE

Course Number: 1055CA/CB
Placement: 10-12
Credits: 2
Prerequisite: AP Computer Science Principles

AP Computer Science A is an introductory college-level computer science course. Students cultivate an understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and preparation for the AP Spanish Literature exam. Emphasis is on advanced grammar, literature, and composition. Students will be prepared to take the AP test. Course taught at Home Campus or Ben Barber Innovation Academy.

AP COMPUTER SCIENCE PRINCIPLES

Placement: 9-12
Course Number: 1266CT
Prerequisite: Algebra I
Credits: 1

Students will learn about the computing tools that are used every day. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts. **Note: Course can be used as a LOTE credit for graduation.**

ONLINE ACADEMICS



The Mansfield Independent School District (MISD) offers opportunities for students to earn high school credit through online courses provided by the MISD Online Academics and through the Texas Virtual School Network (TxVSN). Online courses allow students the ability to work on a course anywhere, anytime they can access the Internet.

The mission of MISD Online Classes is:

- to provide opportunities for students to take classes in a format that will be part of their educational future
- to provide options for students to take classes that may conflict with other classes in their schedule
- to provide students access to classes that are not available on their home campus.

Online courses allow students to take classes for acceleration and experience online learning while still under the supervision of high school staff. Online classes are part of a student's regular schedule. Students enrolled in online classes are assigned to a class with a campus teacher monitor who serves as a liaison between the student and their teacher. Some of the most common courses taken by MISD students are listed below. Course offerings continue to be expanded. Contact your counselor for additional information.

Advanced Placement		
AP Biology A/B	AP English Language A/B	AP Statistics A/B
AP Calculus AB A/B	AP English Literature A/B	AP US History A/B
AP Calculus BC A/B	AP Macroeconomics	AP Psychology
AP Government & Politics		
Electives		
Communication Application	Health (one semester course)	Art I
Economics & Free Enterprise	PE	
Languages Other Than English		
French 1 A/B	German 1 A/B	Latin 1 A/B
French 2 A/B	German 2 A/B	Latin 2 A/B
French 3 A/B	German 3 A/B	Latin 3 A/B
Spanish 1 A/B		
Spanish 2 A/B		
Spanish 3 A/B		
Core Classes		
Environmental Science A/B	US Government	Economics

Virtual Course Agreement

Student Name:_____ ID Number:_____

Student Cell Number:_____ Student Email:_____

Parent(s) Name:_____

Parent Cell Number:_____ Parent Email:_____

Online Course Title(s):_____

Semester/Year: _____

Virtual Course Guidelines:

We, the parent and student, understand that:

- The student will take an online course through a partner provider. The course will show as Online Academics on the student schedule.
- If the course provider is Texas Virtual School Network, the school district that provides courses to the network determines the start and end dates for the course.
- An online course is extremely rigorous and work outside of school hours is required.
- Because these courses are computer based, students are required to have home access to a computer and internet.
- Once enrolled in an online course, the student's schedule will not be changed and the course will not be dropped.
- It is the student's responsibility to complete the course within the scheduled timeline.
- The student is responsible for logging into his/her course daily and completing all assignments on time.
- The course grade will become part of the student's transcript and count towards the student's overall GPA at the end of the semester in which the course is taken.
- Effective with the 2019-2020 school year, honors rankings will be calculated at the end of the 5th six weeks. Online Academics courses do not issue a grade until the course is completed, therefore, these courses taken in the spring of senior year will not be calculated in a student's honors ranking GPA.
- The student must complete assignments during the Holidays in order to maintain pace with the course.

Please sign and date the MISD Virtual Course Agreement acknowledging that you have received notification that the student will be taking an online course this semester and that you agree to the guidelines.

_____ _____

Student Signature Date

_____ _____

Parent Signature Date

_____ _____

Counselor Signature Date

Mansfield Independent School District

VISION 2030

LIFE READY • CAREER READY
COLLEGE READY

Mission

To inspire and educate students to be productive citizens.

Vision

A destination district committed to excellence.

Values

- Students First
- Continuous Improvement
- Integrity
- Communication
- Positive Relationships
- Resiliency

Motto

MISD: A great place to live, learn, and teach.

Guiding Statements

1. Students will read on level or higher by the beginning of third grade and will remain on level or higher as an MISD student.
2. Students will demonstrate mastery of Algebra II by the end of eleventh grade.
3. Students will graduate life ready.
4. Students will graduate college and/or career ready.

Vision 2030 Student Scorecard

College Ready | Career Ready | Life Ready

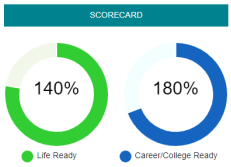


America's high schools have a profound responsibility to ensure that our nation's 14 million high school students are college-ready, career-ready and life-ready. Standardized test scores – traditionally used as the primary readiness indicator – do not always provide an accurate representation of our students' potential. Like the global economy, today's students are driven by ideas and innovations. They should not be reduced down to, or defined by, a single test score.

In 2018, Mansfield ISD launched the Student Scorecard using research-based metrics to more appropriately assess that students are college-ready, career-ready and life-ready. The student scorecard is designed to take the student on a journey of continuous development by combining technology and educator support to assist students with developing critical skills for success beyond high school. Only a handful of campuses and grade levels where chosen to begin this important work with a full launch expected to take place during the 2019-2020 school year.

College Readiness Metrics

The COLLEGE readiness indicators will enable students to track, measure and visualize their individualized progress in Academics, Standardized Testing and Additional College Criteria's for post-secondary success.



Indicator Status on Scorecard

The concentric circles are closed in the Edugence program as a student completes the required indicators. For more information, log on to your student account at https://misd.edugence.com.

Career Readiness Metrics

The CAREER readiness indicators are behavioral and experiential benchmarks designed to help students identify career-specific learning experiences. Progress towards Foundational skills, Communication skills and Preparation skills will ensure that students are prepared to become productive citizens.

Life Readiness Metrics

The LIFE readiness indicators are comprised of skills that will help students develop grit, perseverance and resiliency to tackle and achieve their goals by demonstrating personal actualization skills of self-awareness, self-management, social-awareness, responsible decision making, and relationship skills. Students can measure successful completion through Life Indicators, Leadership experiences and Personal Finance course completion.

Life Beyond High School

MISD is committed to inspiring and educating students to be productive citizens who: Are **Innovators** – students who are driven by ideas and inspired by innovations; Have a **Growth mindset** – students who are continuously improving and empowered to approach their future with integrity, resiliency, to dream big and to achieve big; and are **Ready** – students who are COLLEGE-ready, CAREER-ready and LIFE-ready in the present and in the future.

Vision 2030 Personalized Student Scorecard Access Instructions

Parent Quick Guide

The Redefining Ready Personalized Student Scorecard is an interactive tool that allows parents to view their student's school-related achievements and progress. Parents can interact with various components of their student's profile to help support student achievement.

Accessing Student Scorecard Report via Edugence

Go to https://misd.edugence.com

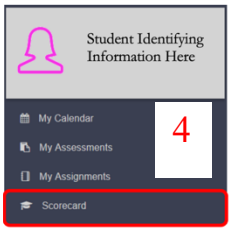


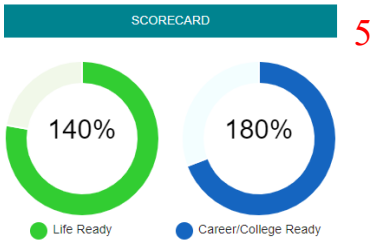
1. Use the same Username and Password that you use to login to Windows, Outlook, etc. (i.e., what is in MISD's Microsoft Active Directory).
2. Click the Login button.
3. The Edugence Dashboard will be the first screen to load.

The Student Dashboard

A student's profile displays a variety of information on different tiles that the District has selected. The Dashboard allows students to check their attendance, performance on assessments, schedules, and grades.

Viewing The Student Scorecard





4. On the left menu, click Scorecard.
5. The header includes concentric circles representing the completion of **College-Ready**, **Career-Ready**, and **Life-Ready** indicators. As student's meet CCL standards, the concentric circles close.
6. To view specific indicators in each category, select the appropriate tab and scroll down.

Accessing Canvas for Student Scorecard Components (8th – 12th only)

Go to https://mansfieldisd.instructure.com/login/canvas



7. Log in and go to your Canvas "Dashboard"
8. Find the Vision 2030 Canvas Module
    - Complete the necessary modules to receive credit for the remaining scorecard indicators.



Please see your counselor if you have any questions about the modules.

COLLEGE PREP



GRADE 8

- ✓ Each student will carefully complete a four-year high school academic plan in their Career Pathways Course.
- ✓ Each student will have an opportunity to explore their individual interests as they prepare for higher education and the world of work.
- ✓ Parents and students will be invited to a general information session in the spring.
- ✓ It is strongly recommended that each student carefully read the course selection guide and carefully choose courses for high school.
- ✓ Look over specific college catalogs and publications that give college profiles.

GRADE 9

- ✓ Goals and objectives that were chosen in the eighth grade will be re-evaluated during ninth grade course planning period.
- ✓ Careful consideration should be given to reviewing the four-year graduation plan with your high school counselor and parents.
- ✓ Students should continue exploring their interests in Xello and through online resources.
- ✓ Each high school has a Go Center available to further college research and assistance.
- ✓ Students should also review college catalogs and publications which give college profiles.
- ✓ Attend the MISD College and Career Night in the fall.
- ✓ Begin keeping in your portfolio: report cards, test scores, honors, school activities, community activities, and work experience.
- ✓ Students may also want to keep samples of their major school projects, papers, etc. Know NCAA (National Collegiate Athletic Association) requirements if you want to play sports in college.
- ✓ Take courses that are challenging and work to your full potential.
- ✓ Be a self-advocate, attend tutorials and do not let yourself fall behind in classes.
- ✓ **Remember, to qualify for access to dual credit courses students must have an overall grade point average of at least an 80.**

GRADE 10

- ✓ Review the four-year graduation plan.
- ✓ Take courses that are challenging and continue working to full potential.
- ✓ Take the Preliminary SAT (PSAT) as practice for the PSAT/NMSQT that juniors take for scholarship consideration.
- ✓ Analyze the PSAT results and establish personal goals in January.
- ✓ Begin searching for scholarships. Apply if you qualify.
- ✓ Continue to review college publications.
- ✓ Begin to visit colleges in the summer, especially if you are interested in a highly selective college.
- ✓ Study to make grades representative of abilities.
- ✓ Continue adding to your portfolio.

GRADE 11

- ✓ Review graduation plans and narrow college choices.
- ✓ Confer with parent(s) and the counselor to decide on courses for the senior year and to discuss post-graduation plans.
- ✓ Contact the colleges and speak with an admissions officer about the specific courses they require
- ✓ Go online and view the entrance course requirements.
- ✓ Take challenging courses.
- ✓ Attend the MISD College and Career Night in the fall and talk to the college personnel.
- ✓ Take the PSAT offered only once per year in October.
- ✓ Apply for any scholarships that your parents' employers may provide and any scholarships that are available to junior competition.
- ✓ Take the SAT and/or ACT in the late spring.
- ✓ Visit colleges in the summer.
- ✓ Send for college information and applications.
- ✓ Make grades representative of your ability.
- ✓ Continue adding to your portfolio.

GRADE 12

- ✓ Finalize college choices and send letters/ applications.
- ✓ Check with the campus counseling center, Internet resources, and the college website to apply for any qualifying scholarships.
- ✓ Confer with your counselor in early fall.
- ✓ Obtain a FAFSA ID and Complete the FAFSA starting October 1.
- ✓ Attend the MISD College and Career Night
- ✓ Take the SAT and/or ACT and necessary achievement tests.
- ✓ Send regular decision applications in the fall semester & secure housing-especially to colleges that are highly competitive for dorm space.

Financial Aid

The Free Application for Federal Student Assistance (FAFSA) is not available until October. The information for the application is based on income tax returns. Through this application, eligibility is determined for grants, loans, work-study programs, and some scholarships. You may apply on-line at **www.fafsa.ed.gov** . Starting with the class of 2022, all seniors must complete or formally opt-out of the FAFSA in order to graduate.

Scholarships

The best resource for scholarship information is directly from the financial aid office at the college(s) you wish to attend. The counseling center on your high school campus will also have information about certain scholarships. Most scholarship opportunities are now posted online, allowing student's the opportunity to do local and national scholarship searches on their own.

Texas Grant

The purpose of the Texas Grant is to provide grant money to enable well-prepared, eligible students to attend public and private colleges and universities in Texas. The awards may be used at a Texas college or unitersity, both public and private. Awards to students attending Texas private colleges and universities are based on public university amounts. To apply, first complete the FAFSA form. You will then work with the fnancial aid office at the college or university you plan to attend to determine if you are eligible.

Apply Texas

Texas offers a common application for all public universities. This application may be obtained from the counseling center on your high school campus or online at **www.applytexas.org**.

College Checklists from College Board

Click on the link below and it will take you directly to the form created by College Board. The form is also available on their website @collegeboard.org.

9th Grade	Financial Aid Check List
10th Grade	Campus Visit Check List
11th Grade	11th Grade Family Plan
12th Grade	12th Grade Family Plan

NOTE: College Board provides students with recommendations for each grade level as they prepare for a post-secondary education. The College Board checklists in our Academic Planning guide are great planning tools. Students may also visit the College Board website directly. Along with College Board, several vetted sources provide students and families with a wealth of information necessary to keep them on track during the college planning process. Some of those sources with links are listed below. Families are encouraged to visit those sites for self-guided understanding or visit with their academic counselor. A link to MISD Counselor information is also provided. These links represent a sampling of the many places we recommend for students/families. Again, if you have any questions please do not hesitate to visit with your counselor.

MISD GUIDANCE & COUNSELING DEPARTMENT	**COLLEGE BOARD & BIG FUTURE (PAGES INCLUDED IN APPENDIX)**	**FAFSA**
TEXAS ONCOURSE	**ACT**	**GENTEX**
INSPIRED (GO CENTER)	**NCAA**	**ROAD TRIP NATION**

CollegeBoard **Access**

Family

Financial Aid Checklist

College is usually more affordable than many families think, thanks to financial aid. The checklists below offer a step-by-step guide to help you navigate the financial aid process and get the most money possible for college.

FRESHMAN/SOPHOMORE YEAR

- ☐ **Find out how financial aid can help you afford college.** You might be surprised by how affordable a college education can be. Check out **7 Things You Need to Know About Financial Aid**.
- ☐ **Learn the basics of college costs.** Besides tuition, what expenses do college students have to cover? Find out by reading **Quick Guide: College Costs**.
- ☐ **Get an idea of what college might really cost you.** Check out **9 Things You Need to Know About Net Price** to learn why you may not have to pay the full published price of a college. Then pick a college you're interested in, and go to **College Search** to find its profile. Click the Calculate Your Net Price button to see that college's estimated net price for you—the cost of attending a college minus grants and scholarships you might receive. Save the data you enter, when possible, so you can recompute the net price as college gets closer.
- ☐ **Talk to your family about ways to pay for college.** Discuss the options, and share ideas about how your family might pay for it.
- ☐ **Save money for college.** Bank part of your birthday money, your allowance, or your earnings from chores or an after-school job for future college expenses. Even a small amount can be a big help when you're buying textbooks and school supplies later on.
- ☐ **Challenge yourself inside the classroom.** Good grades not only expand your college opportunities but also can help you pay for college. Some grants and scholarships—money you don't have to pay back—are awarded based on academic performance.
- ☐ **Get involved in activities you like.** Your activities outside the classroom—playing sports, volunteering, and participating in clubs—can lead to scholarships that will help you afford college.

Notes:

JUNIOR YEAR: SUMMER/FALL

- ☐ **Take an inventory of your interests and passions.** Scholarships are based not only on academic achievement. Many scholarships award money for college based on a student's activities, talents, background, and intended major.
- ☐ **Research the various types of financial aid.** Find out the difference between a grant and a loan, the way work-study can help with college costs, and more. Read **Financial Aid Can Help You Afford College**.
- ☐ **Continue talking with your family about paying for college.** Start planning your financial strategy. Most families use a combination of savings, current income, and loans to pay their share of tuition and other costs.
- ☐ **Take the PSAT/NMSQT®.** Juniors who take the PSAT/NMSQT, which is given in October, are automatically entered into the National Merit® Scholarship Program. Organizations such as the American Indian Graduate Center, Asian & Pacific Islander American Scholarship Fund, Hispanic Scholarship Fund, Jack Kent Cooke Foundation, and United Negro College Fund use the PSAT/NMSQT and PSAT™ 10 to identify students for scholarships.
- ☐ **Learn the difference between sticker price and net price.** A college's sticker price is its full published cost, while the net price is the cost of attending a college minus grants and scholarships you receive. Knowing the difference will help you understand why most students pay less than full price for college. Read **Focus on Net Price, Not Sticker Price** to learn more.
- ☐ **Get perspectives and tips from people who know.** Visit the **Video Gallery** to watch short videos of college students and education professionals talking about paying for college.
- ☐ **Think about getting college credit while you're still in high school.** Consider taking Advanced Placement® Program (AP®) classes and exams, which can count for college credit, placement, or both, and may help you save money. Read **Getting College Credit Before College** to learn more about AP and other college-level courses.

Notes:

JUNIOR YEAR: WINTER/SPRING

- ☐ **Keep looking up colleges' estimated net prices**—net price calculators get updated every year. Pick a college you're interested in, and go to **College Search** to find its profile. Click Calculate Your Net Price to see that college's estimated net price for you—the cost of attending a college minus the grants and scholarships you might receive.
- ☐ **Start researching scholarship opportunities.** Scholarships are free money; that is, unlike student loans, they don't have to be paid back. Use the College Board **Scholarship Search** tool to find scholarships you might qualify for.
- ☐ **Opt in to the College Board Opportunity Scholarships at cb.org/opportunity**. You can earn scholarships ranging from $500 to $2,000 by completing individual college planning steps. Complete all six steps and you'll be eligible for the $40,000 scholarship.
- ☐ **Get to know the FAFSA.** The Free Application for Federal Student Aid is the key to having access to federal financial aid. You can find out more about the form at **fafsa.ed.gov**. You can't fill out the FAFSA until after October 1 of your senior year, but you can create your account and get FSA ID to get a head start.
- ☐ **Go to a financial aid event.** Many schools host financial aid nights, so students and their families can get information and ask questions.
- ☐ **Set aside money from a summer job.** Even a little extra money will help you pay for books and living expenses while in college or enable you to buy some of the things you need to make a smooth transition to college.
- ☐ **Gather the documents you'll need to fill out your financial aid applications.** You and your parents will need to gather tax returns, income statements, and lists of assets to prepare to fill out the FAFSA, the CSS Profile™, and other applications. Read **How to Complete the FAFSA**.

Notes:

SENIOR YEAR: SUMMER/FALL

- ☐ **Research local scholarship opportunities.** Talk to your school counselor, teachers, or other adults in your community about scholarships offered by local organizations. Go to your local library, and ask for help. Ask your parents to see if their employers grant scholarships. And don't forget to check the College Board **Scholarship Search**.
- ☐ **Look up deadlines.** Don't miss the priority deadlines for your colleges' financial aid applications—meeting these will help you get as much money as possible. You can compare deadlines for different colleges by using the **College Search** tool. And be sure to find out the application deadlines of any private scholarships or loans you plan to apply for.
- ☐ **Get an estimate of what the colleges on your final list will actually cost.** Get a better idea of what you'll pay to attend a college by looking at its estimated net price—the cost of attending a college minus grants and scholarships you receive. You can get this figure by going to the net price calculator on the college's website or, for some colleges, by using the College Board's **Net Price Calculator**.
- ☐ **Find out about different kinds of student loans.** Not all student loans are equal. Loans come from different sources, and some kinds are more expensive than others. Read **Types of College Loans** to learn more.
- ☐ **Find out if you need to file a CSS Profile.** A college may require students to complete this application—or the college's own forms—to apply for financial aid awarded by the institution.
- ☐ **Complete the CSS Profile, if required.** If you need to submit the CSS Profile to a college or scholarship program, be sure to find out the priority deadline and submit it by that date. Read **How to Complete the CSS Profile**.
- ☐ **Complete your FAFSA.** You can submit the FAFSA after October 1—sooner is better to qualify for as much financial aid as possible. Filling out the form online at **fafsa.gov** is the fastest way to do it.

Notes:

SENIOR YEAR: WINTER/SPRING

- ☐ **Apply for any private scholarships you've found.** Make sure you understand and follow the application requirements and apply by the deadline.
- ☐ **Compare your financial aid awards.** The colleges you apply to will send financial aid award letters to tell you how much and which kinds of aid they're offering you. Use the **Compare Your Aid Awards** calculator to make side-by-side comparisons of each college's aid package.
- ☐ **Contact a college's financial aid office, if necessary.** Financial aid officers are there to help you if you have questions. If your financial aid award is not enough, don't be afraid to ask about other options.
- ☐ **Select a financial aid package by the deadline.** Once you've compared the offers, you and your family should discuss which package best meets your needs. Financial aid is limited, so if you don't accept your award on time, it may go to another student. You can, however, ask for an extension if you're waiting to hear from other schools. Each college will decide if it's able to give you an extension.
- ☐ **Complete financial aid paperwork.** If loans are part of your financial aid package, you'll have to complete and submit paperwork to get the money.
- ☐ **Get ready to pay the first college tuition bill.** This usually covers the first semester and is due before you enroll.

Notes:

Visit **bigfuture.org** for more information.

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Family

Financial Aid Checklist

College is usually more affordable than many families think, thanks to financial aid. The checklists below offer a step-by-step guide to help you navigate the financial aid process and get the most money possible for college.

FRESHMAN/SOPHOMORE YEAR

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- ☐ **Learn the basics of college costs.** Besides tuition, what expenses do college students have to cover? Find out by reading **Quick Guide: College Costs**.
- ☐ **Get an idea of what college might really cost you.** Check out **9 Things You Need to Know About Net Price** to learn why you may not have to pay the full published price of a college. Then pick a college you're interested in, and go to **College Search** to find its profile. Click the Calculate Your Net Price button to see that college's estimated net price for you—the cost of attending a college minus grants and scholarships you might receive. Save the data you enter, when possible, so you can recompute the net price as college gets closer.
- ☐ **Talk to your family about ways to pay for college.** Discuss the options, and share ideas about how your family might pay for it.
- ☐ **Save money for college.** Bank part of your birthday money, your allowance, or your earnings from chores or an after-school job for future college expenses. Even a small amount can be a big help when you're buying textbooks and school supplies later on.
- ☐ **Challenge yourself inside the classroom.** Good grades not only expand your college opportunities but also can help you pay for college. Some grants and scholarships—money you don't have to pay back—are awarded based on academic performance.
- ☐ **Get involved in activities you like.** Your activities outside the classroom—playing sports, volunteering, and participating in clubs—can lead to scholarships that will help you afford college.

Notes:

JUNIOR YEAR: SUMMER/FALL

- ☐ **Take an inventory of your interests and passions.** Scholarships are based not only on academic achievement. Many scholarships award money for college based on a student's activities, talents, background, and intended major.
- ☐ **Research the various types of financial aid.** Find out the difference between a grant and a loan, the way work-study can help with college costs, and more. Read **Financial Aid Can Help You Afford College**.
- ☐ **Continue talking with your family about paying for college.** Start planning your financial strategy. Most families use a combination of savings, current income, and loans to pay their share of tuition and other costs.
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- ☐ **Get perspectives and tips from people who know.** Visit the **Video Gallery** to watch short videos of college students and education professionals talking about paying for college.
- ☐ **Think about getting college credit while you're still in high school.** Consider taking Advanced Placement® Program (AP®) classes and exams, which can count for college credit, placement, or both, and may help you save money. Read **Getting College Credit Before College** to learn more about AP and other college-level courses.

Notes:

JUNIOR YEAR: WINTER/SPRING

- ☐ **Keep looking up colleges' estimated net prices**—net price calculators get updated every year. Pick a college you're interested in, and go to **College Search** to find its profile. Click Calculate Your Net Price to see that college's estimated net price for you—the cost of attending a college minus the grants and scholarships you might receive.
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- ☐ **Opt in to the College Board Opportunity Scholarships at cb.org/opportunity**. You can earn scholarships ranging from $500 to $2,000 by completing individual college planning steps. Complete all six steps and you'll be eligible for the $40,000 scholarship.
- ☐ **Get to know the FAFSA.** The Free Application for Federal Student Aid is the key to having access to federal financial aid. You can find out more about the form at **fafsa.ed.gov**. You can't fill out the FAFSA until after October 1 of your senior year, but you can create your account and get FSA ID to get a head start.
- ☐ **Go to a financial aid event.** Many schools host financial aid nights, so students and their families can get information and ask questions.
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Notes:

SENIOR YEAR: SUMMER/FALL

- ☐ **Research local scholarship opportunities.** Talk to your school counselor, teachers, or other adults in your community about scholarships offered by local organizations. Go to your local library, and ask for help. Ask your parents to see if their employers grant scholarships. And don't forget to check the College Board **Scholarship Search**.
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- ☐ **Get an estimate of what the colleges on your final list will actually cost.** Get a better idea of what you'll pay to attend a college by looking at its estimated net price—the cost of attending a college minus grants and scholarships you receive. You can get this figure by going to the net price calculator on the college's website or, for some colleges, by using the College Board's **Net Price Calculator**.
- ☐ **Find out about different kinds of student loans.** Not all student loans are equal. Loans come from different sources, and some kinds are more expensive than others. Read **Types of College Loans** to learn more.
- ☐ **Find out if you need to file a CSS Profile.** A college may require students to complete this application—or the college's own forms—to apply for financial aid awarded by the institution.
- ☐ **Complete the CSS Profile, if required.** If you need to submit the CSS Profile to a college or scholarship program, be sure to find out the priority deadline and submit it by that date. Read **How to Complete the CSS Profile**.
- ☐ **Complete your FAFSA.** You can submit the FAFSA after October 1—sooner is better to qualify for as much financial aid as possible. Filling out the form online at **fafsa.gov** is the fastest way to do it.

Notes:

SENIOR YEAR: WINTER/SPRING

- ☐ **Apply for any private scholarships you've found.** Make sure you understand and follow the application requirements and apply by the deadline.
- ☐ **Compare your financial aid awards.** The colleges you apply to will send financial aid award letters to tell you how much and which kinds of aid they're offering you. Use the **Compare Your Aid Awards** calculator to make side-by-side comparisons of each college's aid package.
- ☐ **Contact a college's financial aid office, if necessary.** Financial aid officers are there to help you if you have questions. If your financial aid award is not enough, don't be afraid to ask about other options.
- ☐ **Select a financial aid package by the deadline.** Once you've compared the offers, you and your family should discuss which package best meets your needs. Financial aid is limited, so if you don't accept your award on time, it may go to another student. You can, however, ask for an extension if you're waiting to hear from other schools. Each college will decide if it's able to give you an extension.
- ☐ **Complete financial aid paperwork.** If loans are part of your financial aid package, you'll have to complete and submit paperwork to get the money.
- ☐ **Get ready to pay the first college tuition bill.** This usually covers the first semester and is due before you enroll.

Notes:

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11th Grade
12th Grade

CollegeBoard **Access**

College Application Checklist

Having a list of important tasks to complete for each college application will make the application process go smoothly and help you meet deadlines. Opting in to the College Board Opportunity Scholarships at **cb.org/opportunity** can also give you chances at earning scholarships for completing some of these steps.

PLAN

To fill in all the blanks on the application form itself, you may have to dig up documents or get answers from your parents or guardians. Most students use online applications, but paper applications are usually available too. There are also services that let you complete one application online and submit it to several colleges like the Coalition Application, Common Application, and Universal College Application.

	College 1	*College 2*	*College 3*	*College 4*
Get information/application forms	☐	☐	☐	☐
Make a note about regular application deadline	☐	☐	☐	☐
Make a note about early application deadline	☐	☐	☐	☐

Notes:

GRADES

The record of the classes you've taken and your grades are important parts of your application. Your high school should send your transcript, along with a school profile, directly to the colleges you're applying to. Ask your school counselor or principal how to arrange for this. And be sure to check the transcript for errors before it's sent.

	College 1	*College 2*	*College 3*	*College 4*
Request high school transcript sent	☐	☐	☐	☐
Request midyear grade reports sent	☐	☐	☐	☐

Notes:

TEST SCORES

Most colleges require or recommend that you send scores from tests such as the SAT®. Colleges accept scores only from the testing organizations themselves. Visit **bigfuture.org** for more information and to learn more about the role of testing in college admission.

	College 1	*College 2*	*College 3*	*College 4*
Send SAT scores	☐	☐	☐	☐
Send SAT Subject Test scores	☐	☐	☐	☐
Send AP® scores	☐	☐	☐	☐

Notes:

RECOMMENDATION LETTERS

Many colleges require letters of recommendation from teachers or other adults who know you well. Ask your references well in advance of the deadlines to write you a recommendation. You may want to give them a short written summary of your achievements to help them write about you.

	College 1	*College 2*	*College 3*	*College 4*
Request recommendation letters	☐	☐	☐	☐
Send thank-you notes	☐	☐	☐	☐

Notes:

ESSAYS

Your essays are a chance for you to give admission officers a better idea of your character and strengths. Remember to proofread your essays carefully before you send them in.

	College 1	*College 2*	*College 3*	*College 4*
Draft initial essay(s)	☐	☐	☐	☐
Proofread essay(s) for spelling and grammar	☐	☐	☐	☐
Have two people read essay(s)	☐	☐	☐	☐
Revise your essay(s)	☐	☐	☐	☐
Proofread your revision	☐	☐	☐	☐

Notes:

APPLICATIONS

Applying to college is a big job, but you can make it easier by breaking it down into a series of small steps.

	College 1	*College 2*	*College 3*	*College 4*
Complete college applications*	☐	☐	☐	☐
Use exact same name on all of your forms	☐	☐	☐	☐
Carefully review entire application	☐	☐	☐	☐
Have a family member or teacher review application	☐	☐	☐	☐

Notes:

*Visit **cb.org/opportunity** to check if you're eligible for the $1,000 Apply to Colleges scholarship.

INTERVIEWS

It's a good idea to ask for an interview, even if it's not required. It shows you're serious and gives you a chance to connect with someone in the admission office. Even if a college is far away, you may be able to interview with a local alumnus. Read **What to Do Before and After Your College Interview** to prepare.

	College 1	*College 2*	*College 3*	*College 4*
Interview at college	☐	☐	☐	☐
Look into an alumnus interview	☐	☐	☐	☐
Send thank-you note(s) to interviewer(s)	☐	☐	☐	☐

Notes:

SEND AND TRACK YOUR APPLICATION

Once you've completed your application, follow these tips to make sure all the parts get to where they're going.

	College 1	*College 2*	*College 3*	*College 4*
Make copies of all application materials	☐	☐	☐	☐
Apply online	☐	☐	☐	☐
Include application fee	☐	☐	☐	☐
Sign application	☐	☐	☐	☐
Confirm receipt of application materials	☐	☐	☐	☐
Send supplemental material, if needed	☐	☐	☐	☐
Mail your institutional aid form, if needed	☐	☐	☐	☐
Mail state aid form, if needed	☐	☐	☐	☐

Notes:

FINANCIAL AID

College is usually more affordable than many families think, thanks to financial aid. Below are key steps to navigating the financial aid process:

	College 1	*College 2*	*College 3*	*College 4*
Make a note of priority financial aid deadline	☐	☐	☐	☐
Make a note of regular financial aid deadline	☐	☐	☐	☐
Submit FAFSA (Opens October1)*	☐	☐	☐	☐
Submit CSS Profile™, if needed (Opens October 1)	☐	☐	☐	☐
Submit college aid form, if needed	☐	☐	☐	☐

Notes:

*Visit **cb.org/opportunity** to check if you're eligible for the $1,000 Complete the FAFSA scholarship.

DECISION

You've received several college admission offers. Now comes the hard part: Which one do you choose? Find out how to make the best decision for you.

	College 1	*College 2*	*College 3*	*College 4*
Receive admission letter	☐	☐	☐	☐
Receive financial aid award letter	☐	☐	☐	☐
Get more information about each college	☐	☐	☐	☐
Ask questions about student resources and services	☐	☐	☐	☐
Compare college features and things you want	☐	☐	☐	☐
Compare financial aid awards side by side	☐	☐	☐	☐
Make a decision	☐	☐	☐	☐
Respond to college you're attending	☐	☐	☐	☐
Respond to colleges whose offers you're declining	☐	☐	☐	☐
Send deposit	☐	☐	☐	☐
Send final high school transcript	☐	☐	☐	☐

Notes:

Visit **bigfuture.org** for more information.

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CollegeBoard Access

9th Grade
10th Grade

College Planning: 9th/10th Grade

There are some steps you can take as a ninth- and a 10th-grader to make sure you're on the right track for college. This list will help you navigate the college planning process.

9TH GRADE

☐ **Create a four-year high school plan.** Think about what you'd like to accomplish in the next four years.

- Make sure you know which high school courses are required by colleges, and that you're taking the right classes as early as the ninth grade. You can ask your counselor about what those "right" classes are.
- Get to know the levels of courses offered by your school.

☐ **Start thinking about your life after school,** including the types of jobs that might interest you. Of course, these will change — often — but it's good to start thinking about the possibilities.

- Identify your interests — likes and dislikes — not just in classes but also in every area. This will help you focus on your goals.
- Talk to other people, such as your school counselor, teachers, recent college graduates who are working, professionals in the community, etc., about careers you might find interesting.

☐ **Meet with your high school counselor.** Your counselor knows how to help you get the most out of high school. Be sure to take some time during the school year to discuss post-high-school plans with him or her.

☐ **Participate in extracurricular activities.** Academics aren't everything. Explore your interest in a sport, school club, music or drama group, or community volunteer activity.

- Remember that colleges would rather see real involvement in one activity instead of a loose connection to several.
- If you're interested in playing sports in college, research the National Collegiate Athletic Association (NCAA) eligibility requirements. The NCAA requires completion of certain core courses; you can find the specifics at **ncaaclearinghouse.net**.

☐ **Save for college.** It's not too late to put money aside for college. Every little bit helps! Learning about financial aid early on can also help you down the road.

☐ **Explore summer opportunities.** Look for a job, internship, or volunteer position that will help you learn about a field of interest.

☐ **Get familiar with the PSAT-related assessments and SAT®.** Most four-year colleges consider applicants' scores on college admission test. Download the free Daily Practice for the New SAT app to get a feel for the kinds of questions you might face on test day.

☐ **Take the PSAT™ 8/9.** If your school offers it, sign up to take the first of the College Board assessments to set a baseline. This test will help you build up your skills to take the SAT in 11th or 12th grade.

10TH GRADE

- ☐ **Meet with your high school counselor — again.** Be sure to meet with your school counselor to ensure that your course schedule is challenging enough to prepare you for college.
  - Check into any prerequisites for advanced-level junior- and senior-year courses.
- ☐ **Take the PSAT/NMSQT® or PSAT™ 10.** Depending on your school, you might have the opportunity to take the PSAT/NMSQT in October or the PSAT 10 in February or March. It provides valuable feedback on your college readiness and a free, personalized plan to help you start getting ready for the SAT — and for college.
- ☐ **Ask if the PSAT/NMSQT is offered to 10th-graders.** Although this test is usually given in the 11th grade, it is also often offered in the 10th grade. That's because it provides valuable feedback through the Student Score Report. You can then work on any of your academic weaknesses while there is still plenty of time to make improvements.
- ☐ **Are you interested in attending a U.S. military academy?** If so, you should request a precandidate questionnaire.
- ☐ **Along with your family, do some research about how to obtain financial aid.** Many students use financial aid to cover college costs. Find out what financial aid is, where it comes from, and how you can apply for it. Read the U.S. Department of Education's *Funding Your Education* (about federal aid programs).
- ☐ **Attend college and career fairs.** The fairs often take place in the fall at your school or in your area.
- ☐ **Participate in school activities or volunteer efforts.** Extracurricular activities can help you develop time-management skills and enrich your high school experience.
- ☐ **Talk to your counselor** about your plans for life after high school. He or she can help you plan your schedule, search for colleges, and navigate the financial aid process. The more your counselor knows about you, the more he or she can help you along the way.
- ☐ **Tour college campuses.** If possible, take advantage of vacation or other family travel time to visit colleges and see what they're like. Even if you have no interest in attending the college you are visiting, it will help you learn what to look for in a college.

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11th Grade

CollegeBoard Access

College Planning: 11th Grade

Junior year marks a turning point. This is because for most students and families, it's when college planning activities kick into high gear. Here are some things you can do this year to stay on track for college.

FALL

- ☐ **Start with you:** Make lists of your abilities, social/cultural preferences, and personal qualities. List things you may want to study and do in college.
- ☐ **Learn about colleges.** Look at their websites and find colleges at **bigfuture.collegeboard.org/college-search**. Talk to friends, family members, teachers, and recent grads of your school now in college. List the college features that interest you.
- ☐ **Resource check:** Visit the counseling office and meet the counselors there. Is there a college night for students and families? When will college representatives visit your school? (Put the dates in your calendar.) Examine catalogs and guides.
- ☐ **At school, speak to your counselor about taking the PSAT/NMSQT®,** which is given in October. If you plan to ask for testing accommodations (because of a disability), be sure the College Board has approved your eligibility.
- ☐ **Make a file to manage your college search, testing, and application data.** If appropriate (for example, if you're interested in drama, music, art, sports, etc.), start to gather material for a portfolio.
- ☐ **Estimate your financial aid need.** Financial aid can help you afford college. Use the College Board's *Getting Financial Aid* and the financial aid calculator at **bigfuture.org** to estimate how much aid you might receive.

WINTER

- ☐ **Sign up to take the SAT® in the spring.** You can register online or through your school. SAT fee waivers are available to eligible students. To prepare for the SAT, you can access free, personalized SAT practice tools at **satpractice.org**, including thousands of interactive questions, video lessons, practice tests, and more.
- ☐ **Begin a search for financial aid sources.** National sources include the College Board's Scholarship Search and electronic sources. Don't overlook local and state aid sources. (Ask a counselor for help or check your public library.)
- ☐ **With your family, make an appointment with your counselor** to discuss ways to improve your college-preparation and selection processes.
- ☐ **Ask a counselor or teacher about taking the SAT Subject Tests™ in the spring.** You should take them while course material is still fresh in your mind. You can download *The SAT Subject Tests Student Guide*, which offers test-prep advice, from **SATSubjectTests.org**.
- ☐ **Explore AP®.** The Advanced Placement® Program helps hundreds of thousands of high school students achieve their college dreams each year. Get the facts at **apstudent.collegeboard.org/exploreap**. If you're in AP classes, register for the AP Exams given in May.
- ☐ **Opt in to the College Board Opportunity Scholarships at cb.org/opportunity**. You can earn scholarships ranging from $500 to $2,000 by completing individual college planning steps. Complete all six steps and you'll be eligible for the $40,000 scholarship.

SPRING

- ☐ **Contact your counselor** before leaving school for the summer if you are considering military academies or ROTC scholarships. If you want a four-year ROTC scholarship, you should begin the application process the summer before your senior year.
- ☐ **Develop a list of 15 or 20 colleges that are of interest to you.** You can find many colleges at which you'll be happy and get a great education. The college search is about exploring who you are and what you want and then finding colleges that will meet your goals.
- ☐ **Stay open to all the possibilities—don't limit your search.** To find the best college for you, you should apply to colleges of varying selectivity. Selective colleges admit a portion of students who apply. Some colleges are highly selective while others are less selective. Make sure to apply to public, private, in-state, and out-of-state schools so that you have plenty of options from which to choose.
- ☐ **Take the SAT.** The test is typically offered in March, May, and June. Make sure you start preparing for the test several months in advance using the tools available at **satpractice.org**. And remember, if you're not happy with your scores when you get them, you might want to test again in the fall. Many students take the test a second time as seniors, and they usually do better.
- ☐ **Start to gather documents for financial aid:** Be sure to keep a copy of your tax returns handy. You'll use these to complete the Free Application for Federal Student Aid (FAFSA), which opens on Oct. 1.

SUMMER

- ☐ **Register with the National Collegiate Athletic Association (NCAA) Eligibility Center** if you are an athlete planning to continue playing a sport in college (**ncaaclearinghouse.net**).
- ☐ **Get your FSA ID:** Before you can fill out your FAFSA, you need to get a username and password (also known as an FSA ID).
- ☐ **Find a full-time or part-time job,** or participate in a summer camp or summer college program.
- ☐ **Visit colleges.** When planning your campus visits, make sure to allow time to explore each college. While you're there, talk to as many people as possible. These can include college admission staff, professors, and students. Take campus tours and, at colleges you're serious about, make appointments to have interviews with admission counselors.
- ☐ **Create a résumé**—a record of your academic accomplishments, extracurricular activities, and work experiences since you started high school.
- ☐ **Download applications.** Go to the website of each college's admission office and either complete the application online or request a paper application from colleges to which you'll apply. Check application dates—large universities may have early dates or rolling admission.
- ☐ **Visit some local colleges**—large, small, public, and private. A visit to a college campus can help you decide if that college is right for you. Make a plan ahead of time to get the most from your visit. Check out the campus checklist at **bigfuture.org**. Attend college fairs, too.
- ☐ **Scan local newspapers** to see which civic, cultural, and service organizations in your area award financial aid to graduating seniors. Start a file.

Visit **bigfuture.org** for more information.

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12th Grade

CollegeBoard Access

College Planning: 12th Grade

Want to know if you're on track in the college application process? This checklist shows you what you should be doing, and when.

When you complete steps marked with * you may be eligible for College Board Opportunity Scholarships. Learn more at: **cb.org/opportunity**.

FALL

- ☐ **Strengthen Your College List*:** Meet with a counselor about your college choices and, if you've not yet done so, download college applications and financial aid forms. Make sure you have a balanced list of academic safety, fit, and reach schools. Plan to visit as many of these colleges as possible.
- ☐ **Create a master list or calendar that includes:**
  - Tests you'll take and their fees, dates, and registration deadlines
  - College application due dates
  - Required financial aid application forms and their deadlines (aid applications may be due before college applications)
  - Other materials you'll need (recommendations, transcripts, etc.)
  - Your high school's application processing deadlines
- ☐ **Ask a counselor** to help you request a fee waiver if you can't afford application or test fees.
- ☐ **Improve Your Score*:** Many seniors retake the SAT in the fall. Additional coursework and practice with Official SAT Practice on Khan Academy® since your last test could help you boost your performance. Plus you already know what to expect on test day.
- ☐ **Be sure** to have your SAT scores sent to the colleges to which you are applying.
- ☐ **Complete the FAFSA*:** To apply for most financial aid, you'll need to complete the FAFSA. Oct. 1 is the first day you can file the FAFSA.
- ☐ **Complete the CSS Profile:** CSS Profile™ is an online application used by certain colleges and scholarship programs to determine eligibility for their aid dollars.
- ☐ **Prepare** early decision/early action or rolling admission applications as soon as possible. Nov. 1–15: Colleges may require test scores and applications between these dates for early decision admission.
- ☐ **Ask a counselor or teacher** for recommendations if you need them. Give each teacher or counselor an outline of your academic record and your extracurricular activities. For each recommendation, provide a stamped, addressed envelope and any college forms required.
- ☐ **Write first drafts** and ask teachers and others to read them if you're submitting essays. If you're applying for early decision, finish the essays for that application now.
- ☐ **Apply to College*:** Submit your applications to the schools that you want to attend.
- ☐ **Ask counselors** to send your transcripts to colleges. Give counselors the proper forms at least two weeks before the colleges require them.

WINTER

- ☐ **Keep photocopies** as you finish, and send your applications and essays.
- ☐ **Give the correct form** to your counselor if the college wants to see second-semester grades.
- ☐ **Have your high school send a transcript**—it is sent separately by mail to colleges if you apply online to colleges.

SPRING

- ☐ **Keep active in school.** If you are waitlisted, the college will want to know what you have accomplished between the time you applied and the time you learned of its decision.
- ☐ **Visit your final college before accepting.** You should receive acceptance letters and financial aid offers by mid-April. Notify your counselor of your choice. If you have questions about housing offers, talk to your counselor or call the college.
- ☐ **Inform every college** of your acceptance or rejection of the offer of admission and/or financial aid by May 1. Colleges cannot require your deposit or your commitment to attend before May 1. Talk to your counselor or adviser if you have questions.
- ☐ **Send your deposit** to one college only.
- ☐ **Take any AP® Exams.** Show what you've learned in your AP classes. A successful score could even earn you credit, advanced placement, or both in college.
- ☐ **Waitlisted by a college?** If you intend to enroll if you are accepted, tell the admission director your intent and ask how to strengthen your application. Need financial aid? Ask whether funds will be available if you're accepted.
- ☐ **Work with a counselor** to resolve any admission or financial aid problems.
- ☐ **Ask your high school** to send a final transcript to your college.
- ☐ **Review your financial aid awards:** Not all financial aid awards are the same, so it's important to choose the aid package that's best for you and your family. Be sure to note what you have to do to continue receiving financial aid from year to year, and how your aid might change in future years.

Visit **bigfuture.org** for more information.

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All Grades

CollegeBoard Access

Campus Visit Checklist

Visiting a college campus helps you get a sense of what a college — and life at that college — is like. This can help you decide whether the college is right for you.

GATHER INFORMATION

Find out what you need to do to apply, and see if the college's class and major offerings are what you want:

- ☐ Take part in a group information session at the admission office.
- ☐ Interview with an admission officer.
- ☐ Pick up financial aid forms.
- ☐ Sit in on a class that interests you. If classes aren't in session, just see what the classrooms are like.
- ☐ Meet a professor who teaches a subject that interests you.
- ☐ Talk to students about what they think of their classes and professors.
- ☐ Get the names and business cards of the people you meet so you can contact them later if you have questions.

EXPLORE THE CAMPUS

Get a feel for student life, and see if this college is a place where you will do well:

- ☐ Take a campus tour.
- ☐ Visit the dining hall, fitness center, library, career center, bookstore, and other campus facilities.
- ☐ Talk to current students about the college and life on campus.
- ☐ Check out the freshman dorms, and stay overnight with a student, if possible.
- ☐ Talk to the coaches of sports that you may want to play.
- ☐ Walk or drive around the community surrounding the campus.

CHECK OUT CAMPUS MEDIA

Tune in to learn what's happening on campus and what's on students' minds:

- ☐ Listen to the college radio station.
- ☐ Read the student newspaper.
- ☐ Scan bulletin boards to see what daily student life is like.
- ☐ Go to the career center and learn what services it offers.
- ☐ Browse the school's website and any campus blogs.
- ☐ Read other student publications, such as department newsletters, alternative newspapers, and literary reviews.

GET THE MOST OUT OF A CAMPUS VISIT IN 6 STEPS

1 DECIDE WHERE AND HOW

See if your school arranges group trips to colleges or if you could get a group of friends together and visit the campus. A family trip is another option and allows you to involve your family in the process.

2 PREPARE FOR YOUR VISIT

Before you set out, get a map of the college campus and pick out places of interest. Call the college's admission office to schedule a guided tour of the campus.

3 TAKE YOUR OWN TOUR

Just wandering around the campus on your own or with friends can be the best way to get a feel for what a college is like.

4 EXPLORE THE FACILITIES

Find the spots on campus where students gather or ask a student where the best place to eat is to get a feel for the character of the college. Visit the library and check out the gym or theater. Ask an admission officer if you can tour a dorm and a classroom.

5 MAKE CONNECTIONS

Talk to current students. Ask the students at the next table or sitting nearby what they like best about the college.

6 TAKE NOTES

During your visit, write down some notes about your experience. What did you see that excited you? Are there aspects of the college that you don't like? If so, what are they?

Questions to Ask During Your Visit:

ASK TOUR GUIDES/STUDENTS

- What are the best reasons to go to this college?
- What's it like to go from high school to college?
- What do you do in your free time? On the weekends?
- What do you love about this college?
- What do you wish you could change about this college?
- Why did you choose this college?
- What is it like to live here?
- What does the college do to promote student involvement in campus groups, extracurricular activities, or volunteerism?

ASK PROFESSORS

- What are the best reasons to go to this college?
- Can a student be mentored by professors, graduate students, or upperclassmen?
- How are professors rated by the college? Does the college think mentoring and meetings for project guidance are important?
- How does the college help students have access to professors outside class? Do professors join students for lunch, help with community service groups, or guide student organizations?
- How many students do research or other kinds of projects for a semester or more?

ASK THE FINANCIAL AID OFFICE

- How much has your total college cost for each student risen in the past year?
- How much do your students usually end up owing when they graduate?
- What is the average income of graduates who had the same major that interests me?
- Will my costs go up when your tuition goes up, or can we use the same tuition rate I started with so I'll know the costs for four years?
- How many students usually graduate in the major that interests me? How long do these students usually take to get their degree? In what ways does the college help students graduate in four years?

Visit **bigfuture.org** for more information.

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CollegeBoard Access

Family
11th Grade

Family Action Plan: 11th Grade

Junior year marks a turning point. This is because for most students and families, it's when college planning activities kick into high gear. Here are some things you can do this year to support your child and provide the best options.

SUMMER

- ☐ **Get the facts about what college costs.** You may be surprised by how affordable higher education can be. Start by reading **Understanding College Costs**.
- ☐ **Explore financial aid options.** These include grants and scholarships, loans, and work-study programs that can help pay for college costs. Find out more about how **financial aid can make college affordable**.

FALL

- ☐ **Make sure your child meets with the school counselor.** This meeting is especially important this year as your 11th grader starts to engage in the college application process. Learn more about the **counselor's role in applying to college**.
- ☐ **Help your child stay organized.** Work with your 11th grader to make weekly or monthly to-do lists to keep on top of the tasks required to get ready for applying to colleges. For more time management tips, see **8 Ways to Take Control of Your Time**.
- ☐ **Help your junior get ready for the PSAT/NMSQT® in October.** This is a preliminary test that helps students practice for the SAT® and assess their academic skills. Juniors who score well on the test are also eligible for scholarship opportunities. Find out more about the **PSAT/NMSQT**.
- ☐ **Encourage your child to set goals for the school year.** Working toward specific goals helps your high school student stay motivated and focused.

WINTER

- ☐ **Review PSAT/NMSQT results together** by logging in to the **student score reporting portal**. Your child's score report shows what they should work on to get ready for college, lists Advanced Placement® courses that might be a good match for them, and connects them to **free, personalized SAT practice** on Khan Academy® based on their results.
- ☐ **Help your child prepare for the SAT.** Many juniors take the SAT in the spring so they can get a head start on planning for college. See **which other tests** your high school junior may need to take.
- ☐ **Discuss taking challenging courses next year.** Taking honors courses or college-level courses as a senior can help your child prepare for college work—and these are also the courses that college admission officers like to see. Learn more about **advanced classes**.

WINTER (CONTINUED)

- ☐ **Encourage your junior to consider taking SAT Subject Tests™.** Many colleges require or recommend taking these tests to get a sense of your child's skills in a certain academic area. In general, it's best to take a Subject Test right after taking the relevant course. Learn more about **SAT Subject Tests**.
- ☐ **Encourage your child to take AP® Exams.** If your 11th grader takes AP or other advanced classes, have your child talk with teachers now about taking these tests in May. Read more about the **AP Program**.
- ☐ **Encourage your child to opt in to the College Board Opportunity Scholarships.** Your child can earn scholarships ranging from $500 to $2,000 by completing individual college planning steps. When they complete all six steps, they'll be eligible for a $40,000 scholarship.

SPRING

- ☐ **Search together for colleges that meet your child's needs.** Once you have an idea of the qualities your junior is looking for in a college, help your child enter these criteria into **College Search**. There your child can create a list of colleges to consider applying to.
- ☐ **Help your child research scholarships.** This form of financial aid provides money for college that doesn't need to be repaid. Learn more through College Board **Scholarship Search**.
- ☐ **Attend college fairs and financial aid events.** These events allow you to meet with college representatives and get answers to questions. Your child can ask the school counselor how to find events in your area. Check out the **College Fair Checklist** for more information.
- ☐ **Help your child make summer plans.** Summer is a perfect time to explore interests and learn new skills—and colleges look for students who pursue meaningful summer activities. Help your high school student look into **summer learning programs** or find a job or internship.
- ☐ **Visit colleges together.** Make plans to check out the campuses of colleges your child is interested in. Use the **Campus Visit Checklist** to learn how to get the most out of these experiences.

Visit **cb.org/opportunity** to learn more.

Visit **bigfuture.org** for more information.

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CollegeBoard Access

Family
12th Grade

Family Action Plan: 12th Grade

Senior year is a whirlwind of activity. It's a big year for your child—balancing schoolwork, extracurricular obligations, and the college application process. Use the suggestions below so you and your child can meet these challenges.

SUMMER

- ☐ **Visit colleges together.** If you haven't already, make plans to check out the campuses of colleges that interest your child. Use the **Campus Visit Checklist** to learn how to get the most out of these experiences.
- ☐ **Ask how you can help your senior finalize a college list.** You can help your 12th grader choose which colleges to apply to by weighing how well each college meets their needs. Learn **how to finalize a college list**.
- ☐ **Find out a college's actual cost.** Once your 12th grader has a list of a few colleges of interest, use the **Net Price Calculator** together to discover the potential for financial aid and the true out-of-pocket cost—or net price—of each college.
- ☐ **Encourage your child to get started on applications.** Together you can get the easy stuff out of the way by filling in as much required information on college applications as possible. Read about **how to get started on applications**.
- ☐ **Help your child decide about applying early.** If your senior is set on going to a certain college, they should think about whether applying early is a good option. Now is the time to decide because early applications are usually due in November. Read about the pros and cons of **applying early**.
- ☐ **Gather financial documents:** To apply for most financial aid, your child will need to complete the Free Application for Federal Student Aid (FAFSA). You'll need your most recent tax returns and an FSA ID to complete the FAFSA, which opens October 1.
- ☐ **Encourage your child to opt in to the College Board Opportunity Scholarships.** Your child can earn scholarships ranging from $500 to $2,000 by completing individual college planning steps. When they complete all six steps, they'll be eligible for a $40,000 scholarship.

  Visit **cb.org/opportunity** to learn more.

FALL

- ☐ **Encourage your child to meet with the school counselor.** This year, your 12th grader will work with the counselor to complete and submit college applications. Learn more about **the counselor's role in applying to college**.
- ☐ **Create a calendar with your child.** This should include application deadlines and other important dates. Your child can find specific colleges' deadlines in **College Search**. Your child can save colleges in a list to get a custom online calendar that shows the deadlines of those colleges.
- ☐ **Get your child ready for college admission tests.** Many seniors retake college admission tests, such as the SAT®, in the fall. Learn more about helping your 12th grader **prepare for admission tests**.
- ☐ **Help your child find and apply for scholarships.** Your high school student can find out about scholarship opportunities from the school counselor and how to request and complete scholarship applications and submit them on time. Learn more about **scholarships**.

FALL (CONTINUED)

- ☐ **Offer to look over your senior's college applications.** But remember that this is your child's work, so remain in the role of adviser and proofreader. Respect your child's voice.
- ☐ **Complete the FAFSA.** The government and many colleges use the Free Application for Federal Student Aid (FAFSA) to award aid. Now it's easier than ever to fill out this form because you can automatically transfer your tax information online from the IRS to the FAFSA. Read **How to Complete the FAFSA** to learn more.
- ☐ **Complete the CSS Profile™, if required.** If your child needs to submit the CSS Profile to a college or scholarship program, be sure to find out the priority deadline and submit it by that date. Read **How to Complete the CSS Profile**.
- ☐ **Encourage your child to set up college interviews.** An interview is a great way for your child to learn more about a college and for a college to learn more about your child. Get an overview of the **interview process**.

WINTER

- ☐ **Work together to apply for financial aid.** Have your child contact the financial aid offices at the colleges of interest to find out what forms students must submit to apply for aid. Make sure your child applies for aid by or before any stated deadlines. Funds are limited, so the earlier you apply, the better.
- ☐ **Learn about college loan options together.** Borrowing money for college can be a smart choice—especially if your high school student gets a low-interest federal loan. Learn more about the **parent's role in borrowing money**.
- ☐ **Encourage your senior to take SAT Subject Tests™.** These tests can showcase your child's interests and achievements—and many colleges require or recommend that applicants take one or more Subject Test. Read more about **SAT Subject Tests**.
- ☐ **Encourage your child to take AP® Exams.** If your 12th grader takes AP or other advanced classes, have your child talk with teachers now about taking these tests in May. Read more about the **AP Program**.

SPRING

- ☐ **Help your child process college responses.** Once your 12th grader starts hearing from colleges about admission and financial aid, you need to help your child decide what to do. Read about **how to choose a college**.
- ☐ **Review financial aid offers together.** Your 12th grader will need your help to read through financial aid award letters and figure out which package works best. Be sure your child pays attention to and meets any deadlines for acceptance. Get more information on **financial aid awards**.
- ☐ **Help your child complete the paperwork to accept a college's offer of admittance.** These steps should be taken once your child has decided which college to attend: review the offer, accept that college's offer, mail a tuition deposit, and submit other required paperwork. Learn more about your high school senior's **next steps**.

Visit **bigfuture.org** for more information.

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APPENDIX

High School Course Planning Worksheet

Based on Foundation with Endorsement DLA

Select the Endorsement you plan to take. Then, under the Endorsement, circle the Career Cluster you want to pursue. Under each career cluster there is a Program of Study. The individual courses are considered programs of study.

Multidisciplinary (4 Credits)
Core Subject Credits must include Eng IV Chemistry &/or Physics
AP Credits and/or Dual Credit
Advanced Courses from other Endorsements

STEM (4 Credits)
Science (5 credits) Must include Chemistry and Physics
Engineering
Math (5 credits)
Information Systems

Arts and Humanities (4 Credits)
Art
Dance
Music
Theater
Social Studies (5 Credits)
LOTE (Same Language or 2 Credits from Different Languages)

Business and Industry (4 Credits)
Agriculture, Food, Natural Resources
Architecture & Construction
Arts, A/V Tech, & Communications
Business, Marketing, and Finance
Hospitality & Tourism
Information Systems
Manufacturing
Transportation, Distribution, & Logistics
Journalism, Broadcast Journalism Yearbook, Newspaper
Debate

Public Services (4 credits)
Health Science
Human Services
Education and Training
Law and Public Service
JROTC

Use the space below to write out the elective classes you'd like to schedule.

In order to pick your Endorsement classes, check Canvas for resources (BB Flow Charts or the MISD Course Guide).

Endorsement classes (4 total credits)	
Your Career Cluster & Program of Study:	
Language Other Than English (2 total credits) two classes of the same language	
PE (1 total credit) mix and match half credit PE or Athletics (Include Alternates)	
Fine Arts 1 Credit	
Mandatory Electives	
Professional Communications (Or TCC Speech)	
Health	

Additional Electives you MIGHT want to take (pay attention to prerequisites)				

High School Course Planning Worksheet

Use the space below to fill in the elective classes you wrote out on the previous page. Remember, Ben Barber classes take up TWO spots in the SAME semester (write them twice, one on top of the other). Year long, home campus classes need to be written in one space in the fall and one in the spring. **Also: Band and Athletics are double blocked along with some other co-curricular classes depending on campus.**

9th Grade (Freshman)			
FALL		FALL	
1		5	
2		6	
3		7	
4		8	
SPRING		SPRING	
1		5	
2		6	
3		7	
4		8	
ALTERNATES: Choose up to 4			

11th Grade (Junior)			
FALL		FALL	
1		**5**	
2		6	
3		7	
4		8	
SPRING		SPRING	
1		5	
2		6	
3		7	
4		8	
ALTERNATES: Choose up to 4			

10th Grade (Sophomore)

FALL		FALL	
1		5	
2		6	
3		7	
4		8	
SPRING		SPRING	
1		5	
2		6	
3		7	
4		8	
ALTERNATES: Choose up to 4			

	12th Grade (Senior)		
	FALL	FALL	
1		5	
2		6	
3		7	
4		8	
SPRING		SPRING	
1		5	
2		6	
3		7	
4		8	
ALTERNATES: Choose up to 4			

Early (3-Year) Graduation Application

To be considered for early (3 year) graduation, this completed application must be returned to the student's counselor no later than the last day of the student's sophomore year. Early (3 year) graduates may participate in prom and graduation exercises.

To qualify for early (3 year) graduation, a student must meet the following criteria, in addition to standard graduation requirements:

- The student must have earned a minimum of 19 credits prior to the first day of the student's junior year (final year of high school);
- The student must have passed all TEA required EOC exams prior to the last day of the student's junior year (final year of high school);
- The student must be considered CCMR met (college and/or career or military ready) prior to the last day of the student's junior year (final year of high school); and
- If the student is participating in a correspondence course or taking a credit-by-exam, documentation of completion of the course/exam must be submitted to the student's counselor prior to the final day of the student's junior year (final year in high school) in order for the student to be considered an early (3-year) graduate.

Name _____ ID# _____

Date of Birth _____ Age _____ Current Class Rank ____ of ____ GPA _____

Name of Parent or Guardian _____ Phone _____

Total number of credits earned by the end of the sophomore year_____

Courses needed to graduate:

Reason for requesting early (3 year) graduation:

_____

_____

_____

Student Signature_____Date_____

Parent/Guardian Signature_____Date_____

Counselor Signature_____Date_____

Principal Signature_____Date_____

**The principal's signature will be obtained by the counselor.*

Mid-Term Graduation Application

To be considered for mid-term graduation, this completed application must be returned to the student's counselor no later than the last day of the student's junior year. Mid-term graduates may participate in prom and graduation exercises.

To qualify for mid-term graduation, a student must meet the following criteria, in addition to standard graduation requirements:

- The student must have earned a minimum of 22 credits prior to the first day of the student's senior year;
- The student must have passed all TEA required EOC exams prior to the first day of the student's senior year;
- The student must be considered CCMR met (college and/or career or military ready) prior to the last day of the student's junior year (final year of high school); and
- If the student is participating in a correspondence course or taking a credit-by-exam, documentation of completion of the course/exam must be submitted to the student's counselor prior to the final day of the fall semester in order for the student to be considered a mid-term graduate.

Name _____ ID# _____

Date of Birth _____ Age _____ Current Class Rank _____ of _____ GPA_____

Name of Parent or Guardian _____ Phone _____

Total number of credits earned by the end of the junior year_____

Courses needed to graduate:

Reason for requesting early (mid-term) graduation:

_____

_____

_____

Student Signature_____Date_____

Parent/Guardian Signature_____Date_____

Counselor Signature_____Date_____

Principal Signature_____Date_____

**The principal's signature will be obtained by the counselor.*