



**MONTAGUE AREA
PUBLIC SCHOOLS**
EDUCATION IN THE RIGHT DIRECTION

Montague High School

2018-2019

Course Catalog & Programming Information

REQUIREMENTS FOR GRADUATION

The following is to be approved by Montague Area Public Schools Board of Education for the 2018-2019 school year.

Students must take and successfully pass the courses listed below to earn a Montague High School Diploma. As a note, a full unit of credit is defined as that unit being earned by satisfactory completion of a two semesters of study. Four school years of attendance are required for a full diploma except in special cases where the procedure for early graduation has been followed.

Michigan Merit Curriculum – Subject Credit Requirements for Graduation

4 English Language Arts (ELA) Credits <ul style="list-style-type: none">1 credit in 9th, 10th, 11th & 12th grades.
4 Mathematics Credits <ul style="list-style-type: none">3 credits aligned with the required state content expectations, in order, Algebra, Geometry, & Algebra 2.Montague allows students to take Algebra in middle school while awarding HS credit.1 math or math-related course required in the final year which could include any of the 4 credits described above or may be an additional district credit
3 Science Credits <ul style="list-style-type: none">1 additional science credit – MHS requires 1 Earth Ecology credit – 9th grade year1 Biology credit – 10th grade year1 Chemistry or Physics credit – 11th or 12th grade year
3 Social Studies Credits <ul style="list-style-type: none">1 credit U.S. History – 9th grade year½ credit Government – 10th grade year½ credit Economics – 11th grade year1 credit World History & Geography – 12th grade year
1 Physical Education & Health Credit <ul style="list-style-type: none">½ credit Fitness & Wellness½ elective Physical Education class<ul style="list-style-type: none">Can replace ½ credit with 1 credit of marching band (with approval & PC)
1 Visual, Performing, and Applied Arts Credit (VPAA) <ul style="list-style-type: none">Credit aligned to state guidelines
2 World Languages Credits <ul style="list-style-type: none">Can replace 1 credit with an additional VPAA credit or Completion of CTE Program
Online Learning Experience <ul style="list-style-type: none">Online course, learning experience, or experience is incorporated into one or more courses.Chemistry and World History & Geography fulfill this requirement.
<u>All Juniors must take the SAT test:</u> (This is a State of Michigan requirement.)

The classes of 2015 and beyond require 18 credits for graduation.

New changes to credits:

Due to recent changes at the state level Montague High School, beginning in the 2018-2019 school year, may begin awarding students the following:

1 additional credit (beyond the graduation requirement) of a visual/performing arts (art, music, theater) credit count can be counted as a foreign language credit. You must have first completed 1 credit of a foreign language, have met your Visual Performing and Applied Arts (VPAA) requirement, and have teacher approval.

Students may earn .5 additional credits in place of a Physical Education credit through student participation in the Marching Band course. One semester of Marching Band will be counted as .25 credits towards the Physical Education requirement needed for graduation (not the Health component).

Earth Ecology and Biology are both considered a Career Tech Educational Programs. Which means that for students who earn a C+ or better may count that course for a Foreign Language Credit. This will be used on a case by case basis. It is still vital that college bounds students complete 2 years for a Foreign Language.

Grading, Scheduling, & Transcripts

College Course Work *New Policy*

Whether due to Early College or Dual Enrollment, any college credit earned through M.H.S. will be transcribed. College classes will be listed on transcripts with the letter grade. They will count towards a student's GPA but will not be weighted. The only exception is for coursework that goes beyond a content area – for example Calculus after completing our advanced math here.

CTC Credits

Each student earns up to 2 additional credits a semester while attending the Career Tech Center. Students may choose to apply 2 of those credits towards their English, Math, VPAA, World Language Experience, and/or an additional Science requirement depending on choice of program. Students may not choose to earn English & Math in the same year. This will be decided during scheduling. See pg. 19 of course catalog for complete listing.

Dropping Advanced Level Classes

Advanced level course work is considered a privilege. It based upon a student's academic record and commitment to their academic goals. Students will NOT be allowed to drop an advanced level course once the year begins. Students, as always, have 1 week into the semester to drop a course. After the first week of a semester student will NOT be able to drop an advanced course for any reason. If there are extenuating circumstances, then a meeting with the administration and teacher is required. If an advanced level course is being dropped at any time it is the responsibility of the student to contact their planned college to inquire as to the repercussions.

Failing a Course

A student who fails a required class must retake that class and earn a passing grade in order to meet graduation requirements. D- is considered a passing grade. All grades earned, both passing and non-passing will be reflected on the transcript and factor into GPA. We have a number of opportunities for students to retake courses including online, in the LAKES program, the following year, and through White Lake Area Community Education.

Lakes Program

The Lakes Program is a specialized program whose mission it is to help support eligible students to be successful in high school. Placement is based upon program requirements and school counselor recommendations. The Lakes program includes online credit recovery, tutoring, and/or individualized programming. Students may be enrolled in the Lakes Program for up to 2 hours per day in a semester, some exceptions may be made. A grade is given for each course a student is enrolled in online. Students in the Lakes are required to complete the state graduation requirements and can use the opportunity of the program to help them accomplish their goals and earn their diploma.

Parchment

Current students and alumni are able to request transcripts using the online platform of Parchment.com. You may order a self-view or have them sent to an institution/college. There is a link on the counseling website. Simply create an account and request the document.

Personal Curriculum

The personal curriculum is a process to modify specific credit requirements and/or content expectations on the individual learning needs of a student. It is also a tool used by the counseling office to audit and track student credit achievement. It is designed to serve students who want to accelerate or go beyond the MMC requirements and students who need to individualize learning requirements to meet the MMC requirements.

The district may utilize personal curriculums and the process for completing them for auditing purposes only. Please see the counseling office if you have any questions. To see the complete list of allowable personal curriculums, please visit our webpage at Mapsk12.org or the State of Michigan webpage, www.michigan.gov.

Schedule Changes

All schedules are set up by counseling office with input from the students. All schedule change requests must be made through the guidance office the first week of each semester. No students should expect schedule changes after the start of a semester. The counselor reserves the right to change schedules for any reason.

Weighted GPA

All advanced courses, as determined by a committee of staff members (BRAN team), will have a weighted GPA on a 5.0 scale. This will not be retro-active. Which means advanced level courses taken years prior will not be weighted. The weighted courses will be noted in the course catalog.

Programs & Opportunities

AP Expectation to taking the AP test

If you are enrolled in an Advanced Placement Course, or AP you are required to take the course for the whole year. You are also required to take the AP Exam at the end of the course at a cost to you. You will be informed of this cost at the start of the course. You may not opt out of the test. If for some reason or financial hardship you are unable to take the test you must discuss this with the principal. If a student earns a qualifying college score on the AP examination, the district will reimburse the student/family for the cost of the examination.

Dual Enrollment

Michigan law states that school districts must offer Dual Enrollment opportunities to its students. This includes pay a portion of the tuition and fees (including purchasing textbooks) for college courses. Dual Enrollment is recommended for 11th and 12th grade students. Students may choose to take a college course during the academic year as long as the courses is not offered at their school. Students must have approval from the counselor and principal before enrolling. Courses not approved include physical education, theology, divinity, or religious education. Credit obtained will recorded on the transcript. The school website and counseling office have all of the necessary paperwork that explains the process, expectation, and regulations.

Early College of Muskegon County

This is a program that allows selected students to extend high school by one year in order to earn both their diploma and up to 62 college credits from Muskegon Community College (MCC) at no cost to the student. Students are recommended during their sophomore year by the guidance counselor to apply to be an Early College Student. Students receive special support to help improve their academic performance as they complete both high school and college coursework and secure their future education and career related goals. Students attend M.H.S. for half the day and attend college during the other half. Students are still required to complete the state graduation requirements.

Foreign Exchange Students

Montague High School participates in a number of foreign exchange student programs. The counselor will have information in regards to these programs. Foreign exchange students visiting MHS will participate in Commencement but will receive Certificates of Attendance instead of a diploma. Montague also partners with Whitehall Montague Rotary to send one or two students a year to study abroad during their junior year of high school. Students are given the chance to learn more about this opportunity during their sophomore year.

Full Time Online MHS Student

This program is designed for the student whom needs to take classes online. The student and parent/guardian will complete an application that will be reviewed by a committee, administrators and coordinator to determine if the Lakes Program is the best fit for the student. If the student is approved for the program the parent/guardian and Lakes Coordinator will support the student. The student is required to work on classes through the online program we offer for a minimum of 15 hours a week. The student must also have weekly communication with the Lakes Coordinator to ensure success in passing all online classes.

Homebound Policy

Homebound services are provided by Montague High School to students who are unable to attend school due to a medical condition. Students become eligible for homebound services when the high school counseling office receives a note from a physician or hospital that indicates a medical condition that will cause the student to miss at least five consecutive days of school. Upon receiving this notification, Montague High School will make arrangements for homebound services to begin as soon as possible. The district utilizes certified teachers to instruct students receiving homebound services.

Michigan Virtual Online School – Opting Out

The State of Michigan, under Section 21f of the State School Aid Act, allows parents to request that their student(s), in grades 5-12, be enrolled in no more than two (2) online courses in place of a currently scheduled course. Montague Area Public Schools supports online learning in cases in which student s and parents understand the opportunity. Students who are opting out of a course here at MHS must complete the application process during the enrollment period. The Counseling office can guide you to

these packets. Once a student has been approved they will be assigned an hour in the day to complete their Michigan Virtual equivalent course. The deadline for this application is May 15th, 2018.

Muskegon Area Career Technology Center

Students may request to attend in the spring of their sophomore or junior year. Placement is based upon guidance counselor recommendation. Students are still required to complete the state graduation requirements. Students are required to ride the bus provided unless otherwise determined by the principal and/or his designee. If students drive their own cars, written permission must be given to the office by 10:00 A.M. the day they are to drive. Enrollment in a MACTC course is a replacement for electives at the high school.

Plato Credit Recovery

Online courses for credit recovery are offered through Edmentum Plato Courseware. Enrollment in online courses is subject to the same restrictions and rules as traditional enrollment. All courses must be scheduled during the normal enrollment period and must be approved by the counseling office. Students and parents must also sign an online learning contract. The contract states specifically that all courses must be completed during the enrollment period. It also states it is the student's responsibility to notify the designated teacher for any additional support and all tests and exams must be taken on campus. The expectation to be successful in online courses is to complete 10% a week for each individual course. And finally, all course grades will appear on the transcript as a letter grade as of the end date for the grading period.

Special Educations students: The Individualized Education Plan (IEP) shall identify the appropriate courses of study and the supports, accommodations, and modifications necessary to allow the pupil to progress in the curricular requirements or in a Personal Curriculum (PC), and meet the requirements for a high school diploma. A personal curriculum must incorporate as much of the high school content expectations as is practicable for the pupil and is consistent with the pupil's educational development plan (EDP) and IEP.

Summer School

Summer school is a six-week program offered to students as a credit recovery program. Students are required to complete all modules and attend class 6 hours per week. All unit tests and the final test are required to be completed in the classroom. Grading is based on module mastery 30%, unit post tests 25%, EOS Test 25%, and participation (attendance) 20%. The Guidance Counselor will determine the classes the students take during summer school.

Testing-Out

A student may earn credit for a course by testing out if they earn a qualifying score, as determined by the department, on the assessments developed or selected by the school district. This assessment will measure a student's understanding of the subject area content expectations or guidelines that apply to the credit. A qualifying score of not less than a C+ on the assessment will be used to evaluate if a credit has been earned for that course. All earned credits through testing out count as a required credit for graduation under the Michigan Merit Curriculum. MHS has specific times when students may test out. Students may not "test out on demand." See Mrs. Plunkett for testing out timeline's and procedures.

Transfer Students

Transfer students from other high schools will be given individual consideration concerning the courses required for graduation. They may also be eligible for a personal curriculum.

Graduation

Determining Graduation Participation

Near the end of Marking period 3 senior teachers and the counselor begin gathering the list of students they are concerned won't make it to graduation. Students are met with and parents may be contacted. Dates will be determined ahead of time for the following. On the date of the audit students who are failing as of that date will not be allowed to walk or participate in any graduation activities. Students need to be passing their classes at the time of graduation to earn their diploma on time. Students who do not complete their coursework may enroll in summer school to complete their credits.

ENGLISH DEPARTMENT

English 9B

English 9A introduces freshmen to high school thinking, speaking, listening, writing and reading skills. Students will practice various forms of writing, including analytical, persuasive, and narrative. They will read literature from a variety of genres: poetry, nonfiction, short fiction, and memoir. Students will also read the novel *Ender's Game*. (.5 credit)

English 9B

English 9B helps freshmen to further develop higher-level thinking, speaking, listening, writing and reading skills. Students will study poetry and figurative language, and will apply this learning to the study of two main texts: the epic poem *The Odyssey* and the Shakespeare play *Romeo and Juliet*. (.5 credit; Prerequisite: English 9A)

English 10A &B **Required for 10th**

Students will connect with and respond to texts through critical response and stance. Critical response and stance offers students the opportunity to assess and modify their beliefs, their views of the world, and how they have the power to impact them. The anchor texts to be studied are *The Crucible* and *Of Mice and Men*. In the second semester students will connect with and respond to texts through critical response and stance. Critical response and stance offers students the opportunity to assess and modify their beliefs, their views of the world, and how they have the power to impact them. The anchor texts to be studied are *A Raisin in the Sun*, *The Adventures of Huckleberry Finn*, and *To Kill a Mockingbird*.

“The goal for English Language Arts 11 is to continue to build a solid foundation of knowledge, skills, and strategies. . . as students engage in more complex ideas, texts, and tasks.” - Michigan Department of Education. Further, in this course, students will read and analyze texts with a special focus on British Literature and ACT success. Students will also learn to use forward thinking to make better decisions and to develop realistic plans for the future. All students in English will write a career paper and participate in preparation for the ACT.

English 11A &B **Required for 11th**

Students will study the following units and literature: The Power of Language to Transform Lives (*Beowulf*, and *The Iliad*) Informed Decision Making (*Macbeth*, and Renaissance Poetry), and Technology: Potential for enhancing Human Life (*Brave New World* and *Pygmalion*. In the second semester students will study the following units and literature. Understanding Human Nature: Coping with Crisis, Chaos, and Change (*Night* and *1984*) and The DNA of Survival, (*Into Thin Air*).

Honors English 11 A&B

In this course, students will read literature from a variety of genres and cultural backgrounds. There will be a focus on college writing and preparation for AP English. Students placed in this course must be in the top 25% of their class which is determined by teacher recommendation and their scores on the PLAN test. In addition, they should plan on taking AP English during their senior year, and will be required to read an assigned text during the summer or semester before class starts. The content of this course was developed using the **Michigan Merit Curriculum Course/Credit Requirements**.

English 12A &B **Required for 12th**

World Literature and Composition: reading various selections from World Literature and exploring, analyzing, and understanding leadership within the selected texts. Writing about various selections from World Literature using critical thinking skills (analysis, inference, exposition, and persuasion), and pre-college level composition skills

(grammar, sentence fluency, organization, and MLA citation). In second semester, writing about various selections from World Literature using critical thinking skills (analysis, inference, exposition, and persuasion), and pre-college level composition skills (grammar, sentence fluency, organization, and MLA CITATION) is the focus.

Advanced Placement English 12

Prerequisite: Honors English 11 A&B

This course is designed for the student who is proficient in reading and writing skills. There will be significant reading and writing assignments that will prepare the student for college English courses. The class will also complete activities that will prepare the students to take the Advanced Placement test in May. If the student is successful, college credit may be awarded.

Writing for Publication/Yearbook

Open to grades 9-12, Writing for Publication introduces students to all facets of the journalist's craft: interviewing, reporting, writing (including blogging and the use of social media), editing, broadcast, and multimedia. Students will read, view, and analyze examples of successful journalism techniques as well as implement these skills in their own work. Students who take this course may join the Montague yearbook staff. (.5 credit; no Prerequisite; 9-12)

Children's Literature

In this course, students will read a variety of literature written for children and adolescents. Students will also work with elementary school students on reading and writing projects. The course will culminate with a performance of an originally written children's play.

Great Books.

In this course, we will be reading a variety of books that someone has classified as “great” at some point. If you do not like to read, you will find this course to be drudgery. If you enjoy reading as much as I do, this course should provide you with viewpoints you may have never thought of before.

World Mythology

This course introduces the study of myths, spanning a wide range of world cultures. Students will read classical Greek/Roman, Celtic, and Norse myths, along with those of non-Western cultures: Native American, Asian, and African, among others. Students will see the similarities and differences between myths, legends, and folktales; recognize universal archetypes; and discover how a culture's history, geography, and values influenced its storytelling. (.5 credit; No prerequisite; 9-12)

MATHEMATICS DEPARTMENT

Prerequisite for Algebra 1A and B, Geometry A and B and Algebra II A and B :

Due to the rigorous nature of the state of Michigan's model core curriculum and content expectations, students may be asked to repeat a specific section of Algebra or Geometry before taking the next sequential section. The teacher will contact the parent if it is his//her recommendation to have a student repeat a specific segment. Students affected by this policy may have a percentage grade of 60-67%.

Algebra 1A

Students will be introduced to variables and basic algebraic problem solving involving addition, subtraction, multiplication, division and squaring.

Algebra 1B

Students will be solving multi-step equations, linear systems, graphing lines, and learning properties of lines, specifically slope. Students will be solving and graphing quadratic equations, graphing exponential equations, and working with other nonlinear functions. In addition, investigation of polynomials and factoring will be studied.

Geometry A

Students will learn about planar geometry through the study of logics, isometries, polygons, congruence and proof. The first half of Geometry will focus on logic and proof.

Geometry B

The second half of geometry reviews perimeter and area and then extends into three dimensional prisms and pyramids and their surface area and volume. Trigonometry and properties of circles are also discussed.

Algebra IIA

Recommendation: C or better in Geometry A

Students in this course will learn about linear functions, linear inequalities, linear systems, matrices, quadratic functions, and complex numbers.

Algebra IIB

In this course students will learn about the following functions: exponential, logarithmic, polynomial, radical, and rational. Quadratic relations, factoring quadratics, and conic sections will also be studied. (1/2 credit – 1 semester)

AP Statistics * *Weighted Course*

Recommendation: Successful completion of Algebra II

Note: This course may not be offered if a sufficient number of students do not enroll in it.

The purpose of the AP course in Statistics is to introduce students to the major concepts and tools for collection, analyzing, and drawing conclusions from data. A T84 plus graphing calculator is used extensively in this class. Students are exposed to four broad themes. Students are required to complete the course and examination to receive credit, advanced placement, or both for a one semester introductory college statistics course.

FST – Functions, Statistics & Trigonometry * *Weighted Course*

Prerequisite: C- or better in Advanced Algebra or instructor approval

This course combines statistical and algebraic concepts while previewing calculus in work with functions and limits. A graphing calculator will be used extensively to plot functions, analyze data, and simulate experiments. Trigonometry of circular functions is also explored.

PDM - Pre-Calculus and Discrete Mathematics * *Weighted Course*

Prerequisite: C- or better in FST or instructor approval

This course combines a variety of topics students must have to be successful in calculus. These include functions, trigonometry, and limits, number systems, combinatorics, recursion and graphs. A T183 graphing calculator is used extensively in this class. Mathematical thinking involving formal logic and proof is a focus throughout the course.

Personal Finance

Prerequisite: Grades 11 & 12 (Can be used as a senior level math class)

This course covers math issues consumers face daily. Checking accounts, wage calculation, saving, budgeting, money management, home and auto expenses, investing, retirement, careers, and taxes will be covered in this course.

Business Math

Prerequisite: Grades 11 & 12 (Can be used as a senior level math class)

This course will cover the basic math needed in wholesale and retail business. Topics covered will be payroll, loans, taxes, accounting forms and purchasing and selling costs.

AP Computer Science **Weighted Course*

Prerequisite: Grades 10, 11, & 12 and C- or better in Algebra or instructor approval (Can be used as a senior level math class)

Computer Science Principles is a course designed to prepare students who are new to computer science for the AP CS Principles exam. The course covers many topics including the Internet, Big Data and Privacy, and Programming and Algorithms. Students are required to complete the course and examination to receive credit, advanced placement, or both for a one semester introductory college statistics course.

SCIENCE DEPARTMENT

Earth Ecology A&B Required for 9th

Earth/Ecology will focus on providing instruction and experience in the topic of environmental stewardship and sustainability issues through the use of group work, demonstrations and presentations using a synthesized curriculum that incorporates NGSS and Michigan CTE standards. This course will focus on premier leadership, personal growth, and career success and require extensive participation in classwork and FFA. Students are required participate in a local Career Development Event with the opportunity to compete at the district, regional, state, and national level, attend field trips to facilitate instruction and participate in leadership conferences.

Biology A &B Required for 10th

Prerequisite: Earth Ecology

This two semester course explores the living world meeting MMC Life Science requirements in addition to relevant AFNRE CTE segments. First semester covers the nature of science, biological systems through the lens of poultry production, biological chemistry, and introduces cell biology. Second semester studies energy in life, mitosis / meiosis, life cycles, genetics, and evolution. Students are required participate in a local Career Development Event during class with the opportunity to compete at the district, regional, state, and national level, attend field trips to facilitate instruction and participate in leadership conferences.

Essentials of Chemistry/Physics Required for 11th

Prerequisite: Biology / Co-requisite: Algebra II

This two semester lab based course represents an introductory course to the Physical Sciences. The first half of the course will be Chemistry related looking at the particle nature of matter. “Essentials of Chemistry” focuses on conservation of matter and energy and uses the modeling curriculum to develop understanding of the particle world around us. The second half will focus on motion and Newton’s Physics. “Essentials of Physics” asks students to look at the moving world, continuing with the conservation of energy but now looking at the macroscopic world and interpreting it using Newton’s laws of motion through work and simple machines to simple circuits and electrostatics.

Honors Chemistry A&B * *Weighted Course*

Prerequisite: Biology / Co-requisite: Algebra II

This is a traditional college prep chemistry course. Session A covers the atomic theory, chemical reactions and the framework of chemistry up through stoichiometry. The second session of the traditional chemistry course, session B picks up where session A left off covering gas laws, solution chemistry, some organics and thermodynamics.

A.P. Physics A&B * *Weighted Course*

Prerequisite: Honors Chemistry B / Co-requisite: FST

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits.

Astronomy

This one semester elective course provides the opportunity to develop knowledge and understanding about the solar system, galaxy, and universe in which we live. Much attention is given to an appreciation for how we have obtained this information about the universe. Students use tools of observation to learn about space and learn how other astronomers past and present learned about the galaxy.

SOCIAL STUDIES DEPARTMENT

U.S. History A & B Required for 9th

This course will cover the state expectations numbered 6.1 – 7.2 and the years including 1877 (the end of Reconstruction) through 1945 (the end of World War II). The process by which the United States is transformed from a policy of isolation and neutrality, to that of imperialism and world dominance is explored. Second semester course will cover the State expectations numbered 8.1 - 9.3 and the years including 1946 (beginning of the Cold War) through the present (post 9/11). The focus will be on the ever changing role of the United States on the world stage.

U.S. Government Required for 10th

The course focuses on the study of American government. This course is designed to educate students on the process of the Federal and State levels of government. We begin by studying the basic principles and the Founding Era, so history plays an important role in our studies. Students will become knowledgeable about government relations and public policies and learn how to become a responsible active citizen. Much attention is paid to developing sound opinions based on research of current issues relating to different areas of study. Units of study will include: Core Values & Overview of World Government, The Founding of our Nation, Federalism, Voting & Political Parties, Civil Rights & the Bill of Rights, International Organizations & Three Branches of Government: Legislative, Executive & Judicial, and Foreign Policy.

Economics Required for 11th grade

Economics focuses mostly on microeconomic issues such as scarcity, opportunity cost, supply & demand, taxation, fiscal and monetary policies, and the importance of saving. Simulations and current issues are used to enhance students' understanding of the fundamental economic principles. Economic indicators such as GDP/GNP, and the CPI will be applied as we also study inflation/recession principles and unemployment. This is a good course to prepare students for World History & Geography as well as college Economic courses. Basic units of study include Basic Economic Concepts, Monopolies & Government Regulation, Demand, Supply & Market Clearing Price, Banking, Monetary Policy & Economic Indicators, Taxation & Government Spending, and Savings & Investing.

World History & Geography A & B Required for 12th grade

This course will cover a broad overview of European, Latin American and Middle Eastern history over the last 600 years. Particular attention is placed on the development of democratic institutions and practices. A premium is placed on the role of economics, religion and political changes. For much of content, geography is indirectly or directly integrated into the historical developments. Second semester section of the course will explore the following areas: China, India, Africa and Russia. Students will consider the modern historical developments of each country or religion. The major issues facing each of the lands under study will be explored in-depth. Political and physical geography are integrated into the study of each area.

Psychology

Psychology focuses on the study of the individual and the workings of the brain. Incorporated into brain based research, we will look at stages of human development, personalities, and disorders. The class is research and project based.

WORLD LANGUAGE DEPARTMENT

World Language Experience A&B

Designed to meet the state required World Language Experience; this course is intended for students who will not be taking Spanish I & II over the next two years and is recommended for any student interested in attending the Career Tech Center their Junior year. Semester one is an introduction to language and culture through news articles, videos, music, interactive instruction, and web assignments. The emphasis is on spoken language and learning about world cultures. Second Semester will be focused on the learning basic foreign language vocabulary and phrases using conversational instruction and gaining an understanding and knowledge of other cultures and countries. This course will also satisfy the Online Education graduation requirement.

Spanish I A&B

This class is an introduction to understanding, speaking, reading and writing Spanish as a second language. Course study includes vocabulary building, pronunciation and basic sentence structure through various learning techniques including: online learning, news articles, songs, videos and stories. Class also includes an introduction to the culture, geography and history of Spain and Latin America.

Spanish II A&B

This class is a continuation of understanding, speaking, reading and writing Spanish as a second language. Course study continues building fluency through several learning techniques including: conversational and listening activities, online learning, news articles, songs, videos and stories. Class also includes an introduction to daily life, history, and travel in Spanish and Mexico.

Spanish III A&B

Prerequisite: B average in Spanish II or approval of instructor

This class is a continuation of Spanish II. The course sharpens listening, speaking, reading and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. The course, conducted almost entirely in Spanish, will also examine the historical literacy, artistic and cultural heritage of Spain and Latin America.

AGRI-SCIENCE ELECTIVES

Advanced Placement Environmental Science * *Weighted Course*

Prerequisite: Earth Ecology and Biology with a C or better

APES is a college preparatory immersion into the science behind the natural world as exhibited through ecological interactions. This course is designed for the student who is proficient in critical thinking and research skills. There will be numerous laboratory and field related learning opportunities, as well as multiple research based papers that students will complete with the intent of becoming prepared for publishing data. The class will also complete activities that will prepare the students to take the Advanced Placement test in May. If the student is successful, college credit may be awarded.

Food Science I, II

A look into the three tenants of food science: microbiology, chemistry, and business. Each discipline plays a role in how food travels from farm to table, and how you have grown to enjoy various types of food. In the class we will investigate the theory behind food preservation, the chemical make-up of food, and the billion dollar industries that are built on the buying, selling, and development of food. The course will use a project-based approach along with laboratory, team building, and problem solving activities to enhance student learning.

Suggested Grade Levels: 10-12 ***Prerequisite: Earth Ecology with a C or better***

Leadership

If you are involved in an organization, event or want to be a team captain leadership is for you! Leadership class is focused on preparing students for leadership opportunities in high school and in the work environment. Through guided interaction and group exercises, students will explore the principles of leadership by developing individual and group leadership skills that impact other students and the communities. Content areas include decision-making, goal setting, effective communication, servant leadership, organization and time management skills, and concrete strategies to implement change. This class teaches the student about the basics of a democratic government and parliamentary procedures. Individual projects as well helping organize school and community activities will be part of the class.

Suggested Grade Levels: 10-12 ***Prerequisite: Earth Ecology with a C or better***

Greenhouse management

Are you interested in growing your own food? Building your own greenhouse or hydroponic system? Growing flowers and earning money while in school? In this class students will learn to produce various ornamental crops and food crops for the school and local restaurants. An understanding of structures, crop selection, and growing systems will be explored. As populations continue to expand, the importance of food production in a climate controlled environment increases.

Suggested Grade Levels: 10-12 ***Prerequisite: Earth Ecology with a C or better***

MARKETING & BUSINESS TECHNOLOGY (DECA)

Marketing at Montague High School consists of four classes that cover twelve segments. Students that complete all four semesters are able to take an advance level class called business projects. There is no required order and a student can take marketing classes in any order that fits their schedule.

Marketing Basics:

This course provides a basic foundation for further study in marketing. Students will focus on marketing fundamentals, promotion, economics, and selling. Students will become acquainted with the challenges of present day marketing including social, legal, ethical, and technological environments of marketing

Marketing: Distribution/Human Relations

This semester we will cover the distribution, market information management, human relations segments. Students will also be creating a portfolio with sample resume, cover letter, application, and thank-you letter for a potential job and participating in mock interviews.

Advanced Marketing, I & II

This class prerequisite is successful completion of all four marketing segments above and permission of the instructor. This semester will be a capstone class which will use all of a marketing students' abilities. The student will produce a written event and corresponding presentation that could be submitted to the DECA State Conference. Junior or Senior status required.

MUSIC DEPARTMENT

Symphonic Band

Open to all grades with permission of band instructor or by audition.

This course is both activity and performance oriented to appreciate and understand the aesthetic qualities of music. The band participates at football games and other marching activities as well as concerts, basketball games, festivals, etc. Members of this class are also eligible to participate in solo and ensemble. Students must take band at least two semesters of the year. Both semesters are preferred. Anything different must be signed off by Mrs. Greenwood.

Chorus

Any student who loves music and wants to become a better singer and musician is encouraged to take MHS chorus. In this choir, students will sing a variety of music, including pop, classical, folk, rock, jazz, traditional, show tunes, classical, and Christmas. Students will learn and demonstrate basics of correct vocal production (singing) as applied to each genre of music. Students will learn to sign in unison and harmony, and they will be assigned to sing soprano, alto, or baritone, depending on their vocal range. They will learn the fundamentals of music theory. The choir performs for the Christmas Concert, the Pops Concert, and the Spring Concert, with other opportunities for performing available. Performances are mandatory.

History of Rock & Roll

Any student who loves music and wants to become a better singer and musician is encouraged to take This class explores the beginning of Rock and Roll starting with Jazz and Blues music and following through to the British invasion. The time period studied is 1940's to -1960 with a bit of 1970's. Groups/styles studied may include but not limited to: Muddy Waters, Little Richard, Chuck Berry, Jerry Lee Lewis, Motown, The Beatles, The Rolling Stones & the British Invasion. The class then continues by exploring Rock and Roll artists and styles of the 1960's through current day music. How they influenced society and what impact they played in America will be studied. Groups/styles studied may include, but will not be limited to: British Invasion Artists, The Who, Jimi Hendrix, Eric Clapton, Bob Dylan, Psychedelic Rock, Hard Rock, Michael Jackson, & Evolution of Rap/Hip Hop.

Choir

Any student who loves music and wants to become a better singer and musician is encouraged to take MHS chorus. In this choir, students will sing a variety of music, including pop, classical, folk, rock, jazz, traditional, show tunes, classical, and Christmas. Students will learn and demonstrate basics of correct vocal production (singing) as applied to each genre of music.

PHYSICAL EDUCATION DEPARTMENT

Fit & Wellness – Required Health Course

Fitness & wellness is a required course in which students will focus entirely on improving their physical fitness and wellness. The class will split time equally between the gymnasium and the classroom. Topics covered in the classroom include: health-related fitness, skill-related fitness, and FITT formula, parts of a workout, designing a workout, nutrition, sleep, first aid and CPR. Topics covered in the gymnasium include: physical fitness, cardiovascular endurance, muscular strength, muscular endurance and flexibility. The following fitness units are jogging, jump rope and weightlifting. This course is required during students' sophomore year.

Physical Education

Physical Education I is a course designed to cover two parts of a physically educated person. First, Physical Education I will entail all aspects of individual, team, and lifelong sports and activities that one can participate in through recreational practice. This includes: history, skills, rules and strategy for every sport. Examples of these sports include: football, soccer, ultimate Frisbee, badminton, pickle ball, bocce ball, Frisbee golf, shuffleboard, table games, basketball, table tennis, volleyball, floor hockey, softball, and many more. Each student will be tested over the rules and skills needed for every sport, as well as the origin of the game. The sports taught will depend on the season of the school year. Secondly, besides being a sports and activities course, Physical Education I will also provide students with the opportunity to assess and improve general health-related physical fitness and develop the basic aerobic capacity that will allow safe participation in community recreation settings.

Weight Training

This course builds upon the basic techniques needed for developing muscular and cardiovascular strength and endurance that were previously learned in Fitness & Wellness. This class will discuss proper weight room technique and etiquette. It will include instruction on the use of weight machines and free weights, Cross-Fit circuit training, and other cardiovascular endurance and muscular strengthening activities to help improve one's health and well-being. Basic Weight Training will also provide students with the opportunity to assess general health-related physical fitness and develop the basic aerobic capacity that will allow safe participation in recreational settings while gaining an increased knowledge of health-related fitness.

Power PE Prerequisite: MHS Athlete

Power P.E. is a course designed toward students who participate in interscholastic athletics. The main focus is to help the student develop strength, speed, power and size through weight training, flexibility, plyometric activities, Cross-Fit circuit training, and running programs. This class is for the motivated student who wants to work hard to improve their performance.

VISUAL ARTS DEPARTMENT

Foundations of Art - Open enrollment, all grades

An introduction to art materials, techniques, and concepts. The course will cover basic drawing skills, painting, an introduction to clay, as well as additional materials. The basics of good design will be covered, as well as an introduction to Art History. This is a hands-on studio class, with the emphasis on creating artwork. Grading is based largely on effort and participation. This course is required before taking any upper level art classes. A good beginning class, appropriate for all skill levels. Great for anyone interested in any design related field, as well as those who are just curious about art!

Painting and Drawing - Open enrollment.

This is a one semester course that places emphasis on building basic drawing and painting skills, as well as production of work. The first half of the semester will focus on developing students' design and drawing skills using various media, such as pencil, charcoal, ink, pastels and colored pencil. The second half of the course will focus on developing students' painting skills using various media, such as tempera, acrylic and watercolor. Students will be expected to exhibit knowledge of the elements and principles of design in their work. Students will be responsible for discussion, critique and the display of their artwork, as well as the upkeep and maintenance of supplies. Painting & Drawing II is available for those still interested in the subject after taking Painting & Drawing I.

Digital Photography- Open enrollment, recommended for grades *10-12*.

This is a one semester course where students will learn the basics of digital photography and computer enhancement using digital cameras and Photoshop. Emphasis is placed on making quality, original images. This course focuses on subject matter, composition and visual communication. Students should be interested in creating art and comfortable with computers, although no prior art or Photoshop experience is necessary. It is helpful if students have their own digital camera, but not required. Students should exhibit the ability to work *independently and diligently*. Digital Photography II is available for those still interested in the subject after taking Photography I.

SPECIAL EDUCATION COURSE DESCRIPTIONS

Basic Algebra – Grades 9-10/Recommended by Resource room teacher

Students will be introduced to variables and basic algebraic problem solving, involving addition, subtraction, multiplication, division and squaring. Students will also be solving multi-step equations, linear systems, graphing lines, and learning properties of lines, specifically slope.

Basic Math – Grades 9-12/Recommended by Resource room teacher

This is a series of classes open to students earning a certificate of completion in all grades. These classes start with basic skills and go on to teach consumer math skills, how to take care of checking and savings accounts and how to budget your income.

Basic English - Grades 9-12/Recommended by Resource room teacher

Basic English is offered to students in all grades. This class is based on each student's individual reading level. The class will provide instruction in basic spelling, writing and reading (decoding, comprehension and sight words).

Intervention – Grades 9 – 12/Recommended by Resource room teacher

This class offers support for individual core classes based on grade level and classes needed. Students will be working on transition skills to help them prepare for their post-secondary goals.

Community Based Instruction (Job Site) – Grades 11-12/Recommended by Resource room teacher

The student will receive real-life job experience while working under adult supervision during the school day. This is a non-paid position which may be off campus. This experience is open to all students earning a certificate of completion. This is a credit/no credit class.

Transitions This class focuses on transitions into post-secondary life for students with disabilities earning a certificate of completion. Within this course, students will actively participate in identifying career interests, developing career goals and preparing for life after high school as it relates to self-advocacy skills, daily living skills, adult living skills, and community participation.

MUSKEGON COUNTY CAREER TECH CENTER

11th & 12th graders only. Students take 3 courses in the morning at MHS and then travel by bus to the CTC. Students must apply to attend the CTC and be in good academic standing. CTC enrollment is determined by the counseling office. The decision to attend CTC begins the spring of 10th or 11th grade year.

The table below outlines recommendations for approving one English Language Arts, 3rd year Science or 4th year Math Related credit to those students who complete one year of the requirements in the specified Muskegon Area Career Tech Center programs. For more specific information about the requirements, please contact Annlyn McKenzie, English Consultant (767-3616) or Brooke Sano, Math Consultant (767-3617). Students interested in earning academic credit while attending the CTC **must** contact their high school counselor.

	English	4 th Math Related	Visual Performing & Applied Arts	20 Hour Online Experience
Allied Health Technologies	X		X	X
Auto Collision/Refinishing		X	X	X
Auto Service Technology	X	X	X	X
Business Careers	X	X	X	X
Hospitality and Tourism	X	X	X	X
Computer Aided Design		X	X	X
Construction Trades		X	X	X
Cosmetology			X	X
Criminal Justice	X		X	X
Electrical/Computer Technologies		X	X	X
Environmental/Veterinary Sciences	X		X	X
Graphic Production Technologies	X	X	X	X
Health Science Academy	X		X	X
Internet, Network & Security Technologies	X	X	X	X
Machining/Engineering Tech		X	X	X
Welding Technologies		X	X	X

*Student must provide own transportation to the Cosmetology program.

** Completing a MDE-approved formal CE program may allow students to substitute these CTC credits in place of

- 1 credit of Science
- 1 credit of World Language