# REGISTRATION BOOKLET

"An investment in knowledge pays the best interest."

Benjamin Franklin

GRADES 7 – 12
2020-2021

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# THE REGISTRATION PROCESS

**REGISTRATION**
MAHS students in grades 8 through 11 will be asked to identify the courses they are most interested in taking in the coming school year. From this initial tally of interests, specific courses within each department will be put into a master schedule. Some courses listed below, however will not be offered based on low interest. Each student's 2020-2021 schedule will be generated by the computer and then adjusted to balance sections and accommodate unique student needs. Students and parents are encouraged to discuss scheduling issues with the counselors and teachers. It is important that each student seriously consider their future / career interests and complete their Registration Form in a timely fashion. Courses selected by students are not to be changed for casual reasons and will not be changed to accomodate study hall preferences.

# MDE Standards vs. MAHS Credits

At Morris Area High School, the new Minnesota Department of Education (MDE) standards are embedded in specific courses and in general these are also required courses (the exception is the Academic Standard for Art which can be earned in a variety of courses). The teaching staff a MAHS is continually monitoring the requirements of the state and modifying course content and instructional objectives to match state expectations. Successfully completing required courses will earn the student the required credits and standards. We will strive to include the new state standards into existing required courses. This will simplify the local graduation requirements as the state moves through its transition period.

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- **Credits** – these are the traditional units used to measure completion of a course – usually a 1/2 credit for a semester course and 1 credit for a full year course. Credits are recorded on the official transcripts as .250, .500, .750, 1.00, etc.

- **Standards** – these are detailed content and process expectations for departments (i.e. Math and Language Arts) and courses (i.e. Algebra I and English 10). Courses that offer required standards are identified as such just below the course title (i.e. Standard delivered: Language Arts).

- **ACT** is an assessment for college admission, the WorkKeys is a job skills assessment, the Compass is a college placement test and ASVAB is the Armed Services Vocational Aptitude Battery. These assessments are not developed by the Minnesota Department of Education but are nationally recognized assessments.

- **Accuplacer/ACT –** 2 year colleges for our CIS courses require students to pass the Accuplacer test or to meet cutoff scores for the ACT. 4 year colleges for our CIS courses require students to meet select cutoff scores of the ACT.

# MAHS Credit Requirements

**Language Arts:** 4 credits and Academic Standards for Language Arts
9 English
10 English
11 American Literature, 11 Advanced American Literature, College Writing, or College Literature
12 British Literature, College Writing, or College Literature

**Math:** 3 Credits and the Academic Standards for Math
Algebra I.5
Geometry or Advanced Geometry
Algebra II or Advanced Algebra II
Foundations of Mathematics or College Algebra or Statistics or Pre-Calculus or Calculus

**Science:** 3 credits and the Academic Standards for Science
9 Physical Science (1 credit)
10 Biology (1 credit)
Chemistry or Active Chemistry (1 credit)

**Social Studies**: 4 credits and the Academic Standards for Social Studies
9 Civics
10 History and Geography of the World
11 American History
12 Social and Economics

**Art:** 1credit and the Academic Standard for Art
Visual Arts (1 credit) or
Music (either vocal or instrumental – 1 credit)

**Health/Physical Education** 1.5 credits and the Academic Standards for Health and Physical Education
9 Physical Education
10 Physical Ed and 10 Health

**World Languages**
A well-rounded education has exposure to World Languages. Also, colleges recommend students to have at least **two years** of experience in a single World Language. Spanish is offered at MAHS. Select colleges require 2 years of a World Language for admittance. Students at select colleges in certain degree programs may be required to take two consecutive years of a world language to fulfill a graduation requirement. A high school program can sometimes meet this requirement.

**Career & Tech Education**
A well-rounded education also has exposure to the vocational courses included in our Agriculture, Business/Computers, Family and Consumer Science, and Industrial Arts Departments.

**Special Education**
Credits earned in Special Education courses are generally counted towards elective credits. A student's IEP (Individual Education Plan) can substitute Special Education credits for required credits.

**Electives**
**All graduates will need a total of 24.25 credits to graduate from Morris Area.**

# MAHS CREDIT REQUIREMENTS by GRADE LEVEL

**FRESHMEN**
All freshmen will take:

- 9 ENGLISH
- MATH (Algebra I.5; or Geometry or Advanced Geometry);
- 9 PHYSICAL SCIENCE
- 9 CIVICS
- 9 PHYSICAL EDUCATION (offered every other day)
- Electives: 2 credits - Drivers Education can be taken every other day opposite PE for one semester. Drivers Ed does not count for credit. Students will need 24.25 credits to graduate as well as meeting the MDE Academic Standards.

**SOPHOMORES**
All sophomores will take:

- 10 ENGLISH
- 10 BIOLOGY
- MATH (Geometry, Advanced Geometry, Algebra II or Advanced Algebra II)
- 10 PE and 10 HEALTH
- 10 HISTORY AND GEOGRAPHY OF THE WORLD
- Electives: 2 credits –Students may not have more than one semester of study hall. Students will need 24.25 credits to graduate as well as meeting the MDE Academic Standards. Required courses that are failed must be repeated before graduation.

**JUNIORS**
All juniors will take:

- 11 AMERICAN LITERATURE, 11 ADVANCED AMERICAN LITERATURE, COLLEGE WRITING, OR COLLEGE LITERATURE
- 11 AMERICAN HISTORY
- MATH (Algebra II; Advanced Algebra II or Math Elective)
- SCIENCE (Chemistry/Active Chemistry or Physics-both semesters)
- Electives: 3 credits

You may select only ONE semester of study hall. Students will need 24.25 credits to graduate as well as meeting the MDE Academic Standards. Required courses that are failed must be repeated before graduation.

**SENIORS**
All seniors will take:

- 12 BRITISH LITERATURE, COLLEGE WRITING, OR COLLEGE LITERATURE
- 12 SOCIAL AND ECONOMICS
- Electives: 5 credits.

You may select only one semester of study hall. Students will need 24.25 credits to graduate as well as meeting the MDE Academic Standards. Required courses which are failed must be repeated before you graduate. The completion of 24 credits will need to be obvious by May 1st to be included in the graduation ceremony. **Seniors should plan an academically rigorous year**. Seniors will not be permitted to change courses to accommodate the period of a 2nd semester study hall.

Remember that your college admission is contingent on completion of your senior year. When you are admitted to a college, you list the senior classes you will be taking. Most colleges will expect you to contact them if you will be changing those classes for their approval. Similarly, you will be required to submit a final high school transcript after graduation showing your final grades.

# RECOMMENDATIONS FOR POST SECONDARY PREPARATION

**ACT RECOMMENDATIONS**

The ACT (American College Testing) organization, who yearly tests college bound students on their preparation for college, has recommended the following college-core courses:

**English** - 4 years or more
1 credit each for English 9, 10, 11, 12

**Math** - 3 years or more
1 year credit in Algebra I, Algebra II, Geometry
1/2 year credit in Trigonometry, Calculus (not pre-calculus) or other Math beyond Algebra II
1/2 year credit in Computer Science/Computer Math

**Social Studies** - 4 years or more
1 year credit in American History, World History and American Government
1/2 year credit in Economics, Geography, Psychology or other History

**Natural Science** - 3 years or more
1 year credit of Physical Science, Biology and Chemistry or Physics

**MINNESOTA STATE COLLEGE SYSTEM GUIDELINES**

**MN State University Requirements**

The seven state universities generally will accept you if you can answer yes to at least one of these questions:

- Did you graduate in the top half of your high school class?
- Did you score 21 or higher on the ACT standardized test?
- Did you receive a combined score of 1,000 or higher on the SAT standardized test?

Admission to some of the seven state universities may require meeting slightly different requirements. Check with the university admissions office for details. Even if you don't meet minimum requirements, you may be considered for admission under special provisions.

Apply early for the best chance at being admitted. Some universities and programs do not have room for all qualified applicants. For admission to a state university, you also should have completed these courses in high school:

- Four years of English, including composition, literature and speech
- Three years of math, including two years of algebra, one of which is intermediate or advanced algebra, and one year of geometry
- Three years of science, including one year each of a biological and a physical science, all with significant laboratory experience
- Three years of social studies, including one year each of geography and U.S. History
- Two years of a single world language, including non-English native languages and American Sign Language
- One year of arts (visual arts /performing arts of theater, music, dance and media arts)
- We encourage you to contact schools that you might want to attend and inquire about their world language requirements, since most will require it.

**PREPARATION FOR TECHNICAL COLLEGE**

**MN Community and Technical College Requirements**

The state's community and technical colleges have an open admissions policy. This means:

- You can enroll if you have a high school diploma or a GED. Even without those, you may be admitted if you demonstrate potential for success in college.
- No standardized tests are required for admission to the two-year state colleges, and your high school grades and class rank are not considered.
- After you have been admitted, you will be required to take a test for placement in the appropriate courses based on your reading, writing and mathematics skills.

You are more likely to do well on the placement test if you complete a "college prep" curriculum in high school, including four years of English and three years of mathematics, science and social studies. If you did not, or if you had minimum passing scores on the MCA II tests, you may not be admitted to certain programs. Most likely, you will have to take developmental or remedial courses that will not count toward a degree before you can take college-level courses. See the counselor to seek additional information.

# CORE SUBJECT REQUIREMENTS

Entrance requirements vary from college to college. A strong college preparatory curriculum enhances students' chances for success because college classes build on the skills and knowledge acquired in high school. The following credits are recommended in grades 9-12 for admission to colleges in general, the MN State University system and the University of MN campuses.

**Admission is competitive and students admitted to the University typically exceed these minimum requirements. A fourth year of math is strongly recommended, as are other academic courses that go beyond the requirements listed below.** (Applicants who are not on track to complete all of the core subject requirements may sometimes be admitted if they have promising academic records and meet other admission requirements. Students admitted with any course deficiencies must make them up before graduating from the University.)

| SUBJECT | COLLEGE IN GENERAL | MN STATE UNIVERSITY SYSTEM | UNIVERSITY OF MN SYSTEM | IMPORTANT NOTES |
|---|---|---|---|---|
| English | 4 | 4 – to include composition, literature and speech | *4 years of English*, with an emphasis on writing, including instruction in reading and speaking skills and in literary understanding and appreciation | If you are a nonnative speaker of English and if you have ACT English and/or reading scores of 17 or lower (or SAT critical reading [verbal] score of 420 or lower), you may be asked to submit scores from the Michigan English Language Assessment Battery (MELAB) or Test of English as a Foreign Language (TOEFL). Call the Office of Admissions for details. |
| Math | 4 | 3 – 2 Algebra and 1 Geometry | *3 years of mathematics*, including one year each of elementary algebra, geometry, and intermediate algebra (integrated math 1, 2 & 3) | **4 years of mathematics are required for the Carlson School of Management, College of Biological Sciences, and the Institute of Technology.** Examples include calculus (preferred), pre-calculus, analysis, and integrated math 4. |
| Science | 3 | 3- 1 Biology, 1 Physical Science, 1 Science elective | *3 years of science*, including one year each of biological and physical science, and including a laboratory experience | **Biological science, chemistry, and physics are required for the Carlson School of Management, College of Biological Sciences, and the Institute of Technology.** |
| Social | 3 | 3- to include one U.S. History and one Geography | *3 years of social studies*, including one year each of U.S. history and geography (or a course that includes a geography component such as world history, western civilization, or global studies) | Applicants who are missing one year of geography will not be denied admission if they are otherwise admissible. |
| World Language | 2 | 2 – 2 years of a single world language | *2 years of a single second language* | |
| Arts | 1 | 1 – 1 world Cultures or the arts | *1 year of visual and/or performing arts*, including instruction in the history and interpretation of the art form (e.g., theater arts, music, band, chorus, orchestra, drawing, painting, photography, graphic design, media production, theatre production) | Applicants who are missing this requirement will not be denied admission if they are otherwise admissible. |

**Schedule changes:** Post-secondary institutions expect that students will successfully complete the senior year coursework they list on their admission application. **Schedule changes of academic coursework during the senior year and/or the unsuccessful completion of senior year coursework may result in the cancellation of admission or a change to the college of admission.** Students considering making schedule changes, or those who are concerned about their academic progress in any of their courses, must consult with their admissions counselor. *It is recommended that if you've been accepted to a post-secondary school, you obtain*

*written approval from your admissions counselor, such as email or FAX, and have it sent to MAHS licensed school counselor when making a schedule change.*

# NCAA COURSE WORK REQUIREMENTS

**Help your student-athletes stay on track**

Student-athletes must complete appropriate course work in order to qualify for NCAA programs. Therefore, it's important that you and the school's coaches **monitor changes in NCAA course work requirements** and communicate such changes to your student-athletes.

**Course work requirements for NCAA athletics and NCAA scholarships**

Here is an overview of the basic NCAA eligibility criteria. Visit the NCAA Eligibility Center, the authoritative source for more details.

| **Division I:**<br><br>**16 Core Courses** | **Division II:**<br><br>**14 Core Courses**<br><br>**16 Core Courses** |
|---|---|
| **4** years of English | **3** years of English |
| **3** years of math (algebra 1 or higher level) | **2** years of math (algebra 1 or higher level) |
| **2** years of natural or physical science (including one year of lab science if offered) | **2** years of natural or physical science (including one year of lab science if offered) |
| **1** extra year of English, math, or science | **2** extra years of English, math or science;<br>**3** extra years if enrolling on or after August 1, 2013 |
| **2** years of social science | **2** years of social science |
| **4** years of additional core courses (from any category above, or in a foreign language, nondoctrinal religion or philosophy) | **3** years of additional core courses (from any category above, or in a foreign language, nondoctrinal religion or philosophy);<br>**4** extra years if enrolling on or after August 1, 2013 |

# COLLEGE IN THE SCHOOL (CIS)

**CIS providers include: Southwest Minnesota State University- Marshall, University of Minnesota – Morris, Minnesota State Community and Technical College – Fergus Falls.**

- **College credit is earned with the grade of C and above.**
- **Juniors need to be in the top 1/3 of their class to enroll.**
- **Seniors need to be in the top 1/2 of their class to enroll.**

*****Must meet MN Statute requirements for PSEO – Dual Enrollment*****

## CAREER and TECH EDUCATION

**Accounting (CIS) U of M (Morris Campus) #1 Full Year**
Prerequisites: none
Length of Course: one year
Credit: 1 credit
Available to Grades: 11 - 12
Description: This course is an introduction to the basic concepts of financial accounting systems, with the focus on sole proprietorships and partnerships. Several important concepts will be studied in detail, including: assets, liabilities, equities, revenues, and expenses of a business. The course emphasizes the construction and analysis of the basic financial accounting statements including the income statement and the balance sheet.

## FINE ARTS

**Wind Ensemble (CIS) SMSU #34 Full Year**
MDE Standard: Arts-Music
Prerequisites: Audition for placement or administrator approval.
Length of Course: one year
Credit: 1 credit
Available to Grades: 10 - 12
Description: In order to meet the standard Arts: Creation and Performance a minimum of two years will be required. Students will perform music of the level attained as well as pep band, solo ensemble, large group contest and various concerts throughout the year. Students perform music of a category one level. Dedication and a great work ethic is necessary to be successful in this ensemble. Music performed ranges from Classical to Pop. Students involved have the opportunity to participate in pep band, jazz band, solo and ensemble. All students perform at large group contest, four concerts a year and graduation.

## LANGUAGE ARTS

**College Speech - Essentials of Speaking and Listening (CIS) SMSU #59 Semester**
Prerequisite: Qualify under CIS / PSEO guidelines and Teacher Approval (limited enrollment)
Length of Course: one semester (SPRING)
Credit: .75 credits
Available to Grades: 11 - 12
Description: This course examines the process of oral communication, clarifies the process of public speaking, and allows the student to increase the application of these principles both by speaking and while listening.

**College Writing: Academic Writing (CIS) SMSU #56 Full Year**
Prerequisite: Qualify under CIS / PSEO guidelines and Teacher Approval
Length of course: one year
Credit: 1 credit
Available to Grades: 11 - 12

Description: College Writing is an accelerated writing curriculum for high school students on track for college. This class introduces writing skills that demonstrate an understanding of complex sentence structure and word choice, sophisticated transitions and organizational flow and the development of ideas beyond the superficial. For information regarding SMSU's class description and credit value of ENG151, please access the link below:
https://www.smsu.edu/resources/webspaces/academics/collegenow/Comp%20Sub--151%20Course%20desc%20Final2-12-10.doc

**College Literature: Literature of Human Diversity (CIS) SMSU #58 Full Year**
Prerequisite: Qualify under CIS / PSEO guidelines and Teacher Approval
Length of Course: one year

Credit: 1 credit
Available to Grades: 11-12
Description: This college level course exposes students to the social and historical aspects that influence world literature. Students will move beyond discussions centered on plot and embrace the search for complex themes embodying some aspect of the human condition, which in turn will stimulate critical thinking. Students will be expected to read challenging texts and process the material through the lens of what they already know while acquiring new, thought-provoking information. Genres will include fiction, nonfiction, drama, and poetry.

# MATHEMATICS

**Calculus I (CIS)** **SMSU (Course #Math 150)** **#86** **Full Year**
Prerequisite: Math 135 (Pre-Calculus) or by Teacher/Administrator Permission
Length of Course: one year
Credit: 1.5 credit
Available to Grades: 11-12
Calculator: TI-84 or higher
Description: Differential calculus of elementary functions, including applications. It also includes an introduction to integration.

**Pre-Calculus (CIS)** **SMSU (Course #Math 135)** **#82** **Full Year**
Prerequisites: Geometry and Advanced Algebra II
Length of course: one year
Credit: 1.25 credit
Available to Grades: 11 – 12
Calculator: Texas Instruments TI-82, TI-83 or TI-84
Description: This course treats functions necessary for the development of calculus. The first semester is devoted to the study of trigonometry. This is a precalculus course. Some of the topics are functions, polynomial functions, exponential and logarithmic functions, circular functions, probability, the binomial theorem and an introduction to limits. The use of the computer as an instructional aide will be included in the course. Considerable graphing is done using computer and calculator graphing.

**Introduction to Statistics (CIS)** **M State (Course #Math 1213)** **#84** **Semester**
Prerequisites: College Algebra or Pre-Calculus or by Teacher/Administrator permission.
Length of course: semester
Credit: 1 credit
Available to Grades: 11 – 12
Calculator: TI-84
Topics include data summary, frequency distributions, plots, graphs, measures of central tendency, variation, probabilities, probability distributions and confidence intervals. Hypothesis testing of means, proportions and variances will be conducted using the z-test, t-test, chi-square-test, f-test and ANOVA. Optional topics may include nonparametric statistics, sampling and simulation.

**College Algebra (CIS)** **SMSU (Course #Math 110)** **#85** **Semester**
Prerequisites: Advanced Algebra II, Teacher Permission, top 1/3 of class for juniors or top 1/2 of class for seniors..
Length of course: one semester
Credit: .75 credit
Available to Grades: 11 – 12
Description: Description: This course includes rational, polynomial, exponential, logarithmic, inverse, and quadratic functions. This course also includes equations, inequalities, complex numbers and systems of linear equations. Additional topics may include matrices and determinants

# MISCELLANEOUS

**Introduction to Education and Lab** **SMSU (Course #Ed 101)** **#108** **Semester**
Prerequisites: None
Length of course: Semester
Credit: .75
Available to Grades: 11 – 12

This course is an introduction to early childhood, elementary, and secondary education for students interested in teaching. Students will explore their potential for teaching in light of admission criteria and licensure requirements. The course includes study of

historical and social foundations of education topics such as inquiry into the teaching and learning process, schools in a multicultural and diverse society, the profession of teaching principles of cooperative group learning and cultural differences, communication, and stereotyping. Fifteen hours of field experience is required.

As a part of this Introduction to Education course, students are required to participate in a 15 hour field experience observation. School districts will be responsible for placing each student with an appropriate teacher. The teachers that the students are placed with must be a licensed teacher in K-12 and have at least one year of experience in their field. Valid teaching licenses must be presented at the time of student placement. The students should be placed in their area of interest and can be within the district or in another district.

## SCIENCE

**General Biology I – Biol 1122 (CIS)** **M State** **#135** **Full Year**
Prerequisite – Chemistry
Length of Course - one year ***ONLY OFFERED EVERY OTHER YEAR (2020-'21 then 2022-'23)***
Credit - 1 credit
Available to Grades - 12
Description-Meets MnTC Goal Areas 2 and 3. This course in an introduction to the structure and function of living systems with an emphasis on cellular and molecular biology. Fundamental concepts include the chemical basis of life, cell structure and function, cell division, metabolism, classical and molecular genetics, and biotechnology. This course includes a laboratory component incorporating experimental design, microscopic work and cellular and, molecular biology techniques. Along with BIOL1123, this course is part of a two-semester sequence of general biology that can be taken in either order.

**Medical Terms (CIS)** **M State** **#138** **Semester**
Prerequisite – High School Biology
Length of course – Semester ***ONLY OFFERED EVERY OTHER YEAR (Fall 2021-'22 then 2023-'24)***
Credit. .75 credit
Available to grades – 11 – 12

This is a college level course offered to juniors and seniors. The class covers prefixes, suffixes and roots used to compose medical terms. The student learns to spell, pronounce, define, analyze and formulate terminology related to body structure, disease diagnosis and treatment. Medical abbreviations are also included.

## SOCIAL STUDIES

**Psychology I (CIS)** **SMSU** **#159** **Semester**
Prerequisites : Qualify under CIS / PSEO guidelines
Length of Course: one semester (SPRING)
Credit: .75 credit
Available to Grades: 11 – 12
Description: In this course the student will be introduced to the major theories, research methods, and practical applications of psychology. One goal is to provide students with the ability to use their knowledge of psychology to meet the complex challenges of this century as engaged citizens in their local and global communities. An additional goal is to help all of our students to achieve personal growth through the increased understanding of the topic. Topics included in the semester: the Brain, Nature v. Nurture, Development, Learning, Memory, Stress, Personality, Disorders, and Social Psychology. Activities and assessments are directed through the Psychology Department at Southwest Minnesota State University in Marshall, Minnesota.

**Topics and Problems in World History Turbulent 60's (CIS)** **UMM** **#156** **Semester**
Prerequisites: Qualify under CIS / PSEO guidelines
Length of Course: one semester
Credit: 1 credit
Available to Grades: 11 – 12
Description: This course will look at the different social and political issues that were at the forefront during the 1960's. Specific topics would include: political assassinations, Vietnam, Peace Movement, music, the Kennedy family, Civil Rights, and the Bay of Pigs/Cuban Missile Crisis. Students will be expected to write papers, be involved in discussions, and investigate the past. Periodic assessments will be given throughout the course. This is a semester course through the University of Minnesota-Morris. Grades will accumulate throughout the semester rather than have two quarter grades averaged.

**Topics and Problems in World History: Holocaust (CIS)** **UMM** **#154** **Semester**
Prequisites: Qualify under CIS / PSEO guidelines.
Length of Course: one semester
Credit: 1 credit
Available to Grades: 11 – 12
Description: This course is designed to provide students with a background in the Holocaust. Students should expect to read multiple articles and books, research, write, and present information, participate in discussions, watch movies, and possibly complete a service project. Periodic assessments will be given throughout the course. This is a semester course through the University of Minnesota-Morris. Grades will accumulate throughout the semester rather than have two quarter grades averaged.

# WORLD LANGUAGE

**Spanish III (CIS)** **M State** **# 252** **Full Year**
Prerequisite: A passing grade in Spanish II or permission from the instructor, ACCUPLACER exam
(Some native Spanish speakers may qualify for this course without taking Spanish I and II, see the instructor for more information.)
Length of Course: one year
Credit: 1 credit
Available to Grades: 11 – 12
This is a college level course offered by Morris Area High School through the Concurrent Enrollment Program at Minnesota State Community and Technical College – M State. This course is the first semester of Intermediate Spanish. Students will develop reading, writing, listening and speaking fluency at the intermediate mid-level on the ACTFUL scale. Grammar and vocabulary from earlier Spanish courses are thoroughly reviewed during first semester. Course competencies are as follows:

- ✓ Demonstrate expressive communication skills in Spanish in the simple and perfect tenses of the indicative mood and the present tense of the subjunctive mood, including affirmative, negative and interrogative sentence types.
- ✓ Demonstrate receptive communication skills in Spanish in the simple and perfect tenses of the indicative mood and the present tense of the subjunctive mood, including affirmative, negative and interrogative sentence types.
- ✓ Create original oral works in Spanish.
- ✓ Contrast word choice appropriate to distinct audiences in Spanish through specific vocabulary choices and grammatical constructs.
- ✓ Interact with classmates, instructors and native speakers in Spanish to facilitate communication.
- ✓ Express personal themes orally and in writing in Spanish.
- ✓ Compare the experience and contributions of Hispanics in society and culture.

# CAREER and TECHNICAL EDUCATION

## AGRICULTURE

**Agriculture Education Courses** are about hands-on learning through agricultural topics. The Agricultural Industry is growing more each year. Job availability is excellent in many different areas of agriculture. Taking a class through the Agriculture Department at MAHS gives students life-long skills to use in a chosen career area and in everyday life.

** Who is teaching each class is subject to change. **

| Please pay attention to prerequisites for future planning. This will be an ongoing two year rotation, so plan accordingly in your schedules. | | | |
|---|---|---|---|
| **2020-2021 Ag Dept. Schedule** | | | |
| **Teacher A** | | **Teacher B** | |
| Fall | Spring | Fall | Spring |
| OJT | OJT/Ag Welding – Manufacturing Mentorship (6th & 7th hr) | 7th Ag Tech | 7th Ag Tech |
| ACE | AME | Shop 101 | Advanced Ag Mechanic (Prerequisite Advanced Woods or Welding) |
| Intro Animal Science | Intro Horticulture/Greenhouse | Recreational Vehicles and Small Engines | Intro To Ag |
| Ag Welding I | Ag Welding II | Ag Wood Tech | Ag Wood Tech II |
| 8th Ag | 8th Ag | Ag CADD | Robotics/Electronics |
| Ag Welding III | Active Chemistry (team taught with Science Dept) | Ag Processing | Woods, Water, Wildlife |
| | | Specialized CDE Education | Specialized CDE Education |
| **2021-2022 Ag. Dept. Schedule** | | | |
| **Teacher A** | | **Teacher B** | |
| Fall | Spring | Fall | Spring |
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**On the Job Training - ½ credit – 2 credits** **#230 Semester/Full Year**
Prerequisite: Ag Leadership, Communications, and Employability (ACE) and Agricultural Management and Entrepreneurship (AME)
Length of Course: one year or semester
Credit: .5credits – 2 credits
Available to Grades 11-12
* Can be taken at the same time as ACE and AME.
Description: This course offers students a hands-on look at a particular industry that interests them. After finding a job around the Morris area students will be enrolled for 1-2 hours of On the Job Training. Jobs must be secured by the beginning of the school year.

Self-employment is an option for some students, depending on the work involved. This must be discussed with the instructor before school starts. Students will be required to fill out weekly hour sheets to be turned in to the instructor. Most employers will prefer students who are available to work after school hours as well. Students do not qualify for a study hall or teaching assistant when taking on the job training.

**Agricultural Leadership, Communications and Employability – ACE #221 Semester**

Prerequisites: none
Length of Course: one semester
Credit: .5 credit
Available to Grades: 11 - 12

*** Students must also take <u>AG Management before or during your enrollment in On the Job Training</u>**

Description: Student will be exposed to building leadership skills. Perfect for students who are interested in using their leadership skills in the future to influence, manage, and motivate others. Find Your INNER Leader and know what do with it! Agricultural Communications will be covered as students prepare a communications plan for a large event (radio, newspaper, press release, photo stories). Students will learn about the workability skills that employers EXPECT! Learn how to build them and use them in ways that will maximize your potential and profit throughout YOUR life! Community Service Projects will also be completed as a class throughout the semester.

**Agricultural Management and Entrepreneurship - AME #222 Semester**

Prerequisites: none
Length of Course: one semester
Credit: .5 credit
Available to Grades: 11 - 12

***Students must also take Agricultural Leadership, Communications and Employability (ACE) before or during your enrollment in On the Job Training**

Description: Want to learn the skills necessary to be a quality employee, student and entrepreneur? You will learn the basics of supply, demand, price determination, the economics of day-to-day living, saving and investing for your future, managing risks associated with agri-businesses and marketing. With constant field trips and speakers you will learn about the agricultural field as well as others through a hands on course. Agriculture sales and management will create opportunities for students to learn more about future opportunities. From career readiness to managing and marketing a business you will learn about how financials work in a company as well as how to market a business towards the community. You will have the opportunity to develop and market a product as well as learn all of the behind scenes work it takes for products to take off. Small businesses are the building blocks to communities, learn how to manage one while becoming closer to your community!

**Woods, Water, and Wildlife #227 Semester**

Prerequisites: None
Length of Course: one semester
Credits: .5 credits
Available to Grades: 9-12

**FEE: There is a fee for building a fishing rod. Cost is from $15-60 (depending on rod student chooses)**

Description: Description: Interested in wildlife? This course is for you! Students will study wildlife, including small and large mammals, upland game birds, and waterfowl. The hunting controversy and endangered species will also be studied along with hunting and firearm safety. All students will gain fishing rod building skills as they each build their own custom rod. Students will also cover natural resources in this course as they learn about soils testing, water quality and management, forestry, and more!

**Ag Processing #210 Semester**

Prerequisites: None
Length of Course: one semester
Credits: .5 credits
Available to Grades 9-12

Description: Agriculture is all about processing raw products into consumer products. This class teaches YOU about the raw side of production agriculture and teaches you skills you will use for a lifetime! Students will learn how about harvesting, grading, cutting, processing, identification, buying and cooking of cuts of meat. Students will also learn how to judge meats and learn how to identify the best quality of meat. Students will dive into the dairy foods industry as well studying milk, cheese, ice cream, and other dairy

products. Last students will work with the school Bee Hive Production project. Learning about the dying art of beekeeping and all students will be equipped with all the knowledge they would need to start their own hives in the future. Protective equipment will always be available for all students in labs!

**Intro Greenhouse Management, Horticulture and Landscaping** **#226** **Semester**
Prerequisites: None
Length of Course: one semester
Credits: .5 credits
Available to Grades: 9-12
Description: Interested in floral design, horticulture, and landscaping. This course offers you the opportunity to get experience doing a variety of horticulture topics, such as planting seedlings, cuttings, and hydroponics. Students will be charged with running the Greenhouse in the Ag Dept. This includes growing produce and bedding plants and running the hydroponics systems. Students will also design floral arrangements, learn about the care of cut flowers, merchandising, advertising and shop layout. Students will learn technical skills through learning landscape design principles. All students will learn the basics of landscaping and complete a landscaping design and complete hands on projects around the school grounds.

**Ag Welding I** **#217** **Semester**
Prerequisites: None
Length of Course: one semester
Credit: .5 Credits
Available to Grades: 9-12
Fee: Students will be required to purchase a pair of safety glasses.
Description: Are you interested in working with metal? There are great opportunities for welders locally and all around the country. There is MONEY TO BE MADE!!!! Get started in this course learning about Shielded Metal Arc Welding, Gas Metal Arc Welding, and plasma cutting techniques, and basic metal working techniques. Weld lap welds, corner welds, around pipe and tubing in flat vertical and overhead positions. Students will also have the opportunity to try their hand at a welding simulator. The class will focus on a safe shop and getting students prepared for Advanced Welding. This class is hands on and fun! This course is for Ladies and Gentlemen interested in learning an awesome trade with a tremendous future!

**Ag Welding II** **#218** **Semester**
Prerequisites: Ag Welding I
Length of Course: one semester
Credit: .5 Credits
Available to Grades: 9-12
Fee: Students will be required to purchase a pair of safety glasses and metal for their individual project. Description: Learn more about the exciting and ever changing world of welding technology. This course will use skills learned in Intro to Ag Welding and build upon them. Students will learn more about Gas Metal Arc Welding and learn techniques in TIG (Aluminum) welding, spool gun aluminum, and Oxy-Fuel torch. Students will design a metals project and complete the project in the class on and individual and all class basis.

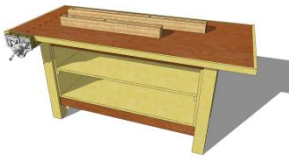
**Ag Welding III** **#219** **Semester**
Prerequisites: Ag Welding II
Length of Course: one semester
Credit: .5 Credits
Available to Grades:11-12
Description: If you have taken Ag Welding I and II and are still looking for MORE, this class is for you! You will have a chance to make a large welding project, learn more about TIG welding, try welding on different metals, and work on the burn table! We will also work to have more experiences working with Westmor/Superior and getting some fun experiences in a real working environment!

**Ag Welding Manufacturing Mentorship** **#220** **Semester**
Prerequisites: Welding II **2 Hour Block**
Length of Course: one semester as a 2hour block
Credit: 1 Credits
Available to Grades: 11-12
Are you interested in learning about the many different opportunities in Manufacturing? This includes hands on welding procedure in TIG, MIG, SMAW. It will also include hands on lessons and opportunities in robotics and plasma. You will work one on one with Superior and Westmor employees to learn skills and work skills that will make you ready for the working world after high school or college.

Students will work on a rotational basis and will also get 2 to 3 weeks at the Superior Westmor Weld Train Center and have an opportunity to pass up to 3 Welding Certifications.
Personal Safety Equipment will be provided, except for steel toe boots. If you need assistance with boots contact the Office.

**Ag Wood Tech I** **#207** **Semester**
Prerequisites: None
Length of Course: one semester
Credit: .5 Credits
Available to Grades: 9-12
Fee: Students will be required to purchase a pair of safety glasses and Wood for class project.
Description: This class introduces students to the correct and safe way to operate portable power tools, large power woodworking tool, and some hand tools. Students will be required to learn the safety required in running all the shop tools and pass the safety test. After passing the test, they will be working on a class project which will be a nightstand. This project will allow the students to use most of the tools in the shop along with correct fastening and building style techniques. They will learn the reasons behind using different techniques and will also get the chance to see the techniques being used when they visit local businesses.

**Ag Wood Tech II** **#208** **Semester**
Prerequisites: Ag Wood Tech I
Length of Course: one semester
Credit: .5 Credits
Available to Grades: 9-12
Fee: Students will be required to purchase a pair of safety glasses and Wood for Individual project.
Description: This class will build upon what the student has learned in Ag Wood Tech. Safety will be reviewed and refreshed and then the students will get the opportunity to design their own project. Once they have had their idea and drawing approved, they will work in the shop building their project. This class will be largely based on shop participation but will also have additional points gained from worksheets, tests, and attitude. If the students stay on task and work hard they will bring home a beautiful project designed and built by them.



**Ag Wood Tech III** **#209** **Semester**
Prerequisites: Ag Wood Tech II
Length of Course: one semester
Credit: .5 Credits
Available to Grades: 10-12
Fee: Students will be required to purchase a pair of safety glasses and Wood for Individual project.
Description: This class will take woodworking one step further to expand even farther on students' knowledge. Safety will be reviewed and then students will be able to design their own projects. Projects will be required to have drawers and/or doors and must be a more challenging project than made in Advance Ag Wood Tech. When finished with this class students will be able to take home a beautiful and useful project that they will be able to use for the rest of their life and proudly tell people it was handmade by them.

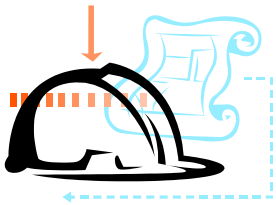
**Shop 101** **#212** **Semester**
Prerequisite: None
Length of Course: one semester
Credit: .5 Credits
Available to Grades: 10-12
If you feel unprepared to take care of minor vehicle and home repairs this class is for you! This class will get YOU ready to take care of YOU yourself, so you don't need to depend on others to do simple tasks and will save you money and time in the future. Students will learn basic car maintenance, electrical and plumbing, how to drill holes, properly hang items on the walls, and do general home repairs! This course will give you confidence and introduce you to many concepts that you will definitely use in the future.

**Recreational Vehicles and Small Engines** **#213** **Semester**
Prerequisites: None
Length of Course: one semester
Credit: .5 Credits
Available to Grades: 9-12
Fee: Students will be required to purchase a pair of safety glasses and any parts needed for individual projects.

Description: This class will introduce students to the world of engines. Students will first learn the safety measures required for working on engines and then the basics behind them and what makes them run. Students will get the chance to disassemble and reassemble a small engine as well as work on individual projects that they bring in. This class will also cover the basic information about vehicles and how to keep them operating properly and how to fix basic problems. Some items that will be covered will be oil changes, tire rotation, changing headlight bulbs, changing wiper blades and checking vehicle fluids.

**Intro Animal Science** **#224** **Semester**
Prerequisites: None
Length of Course: one semester
Credit: .5 Credits
Available to Grades: 9-12
**Prerequisite for CIS Animal Science**
Description: This class will incorporate small animal vet science (1/2 semester) along with large animal livestock (1/2 semester). This class will cover the basics about a variety of animals ranging from breeds, to digestive systems, to handling techniques along with General Heath, Nutrition, and Reproduction. Topics will be covered on a beginner's level and we will utilize local farms and businesses to bring the information full circle. Be prepared to learn how animal food is shockingly similar, yet completely different than what we eat every day. After learning about what they eat we will learn about meat science and how to properly prepare different cuts and types of meat.

**Ag CADD and Construction** **#211** **Semester**
Prerequisites: Ag Wood Tech
Length of Course: one semester
Credit: .5 Credits
Available to Grades: 9-12
Fee: Students will be required to buy a pair of safety glasses and materials for project if building it to take home.



Description: Students will learn to draft project drawings by hand by using scales, T-squares, protractors and straight edges. Once they have conquered their hand drawing skills they will move onto the computer where they will use AutoCAD to complete project drawings similar to what is created in industry today. After mastering AutoCAD they will get the chance to design a project to be built in class and then make a scale model of the project. Students will also learn about making material lists and why proper drawings are crucial in industry.

**Advanced Ag Mechanics** **#229** **Semester**
Prerequisites: Ag Wood Tech II or Ag Welding II
Length of Course: one semester
Credit: .5 Credits
Available to Grades: 10-12
Description: In this class you will take what you have learned and put it all into action. The class will vary some depending on what opportunities we can find for advanced projects. Example projects may include building a storage shed, or overhauling a tractor, or building a trailer. This will take everything that has been learned in past classes and compile them into one comprehensive class. Safety and proper techniques will be taught and enforced throughout the course and you will get the great satisfaction of accomplishing a large project without the cost associated with it.

**Introduction to Agriculture, Food, and Natural Resources** **#206** **Semester**
Prerequisites: None
Length of Course: one semester
Credits: .5 credits
Available to Grades: 9-12
Description: Introduction to Agriculture, Food, and Natural Resources (AFNR) is for all 9th and 10th grade students wanting to learn more about Agriculture. Agriculture is WAY MORE than just farming, it is leadership, business, accounting, marketing, innovation and technology, science, plants, animals, natural resources, food products and processing, and agricultural shop and mechanics and SOOOO much more! We will learn with a hands-on approach and learning will be based on activities, projects, and problem solving. You will also have a chance to choose an individual area of Agriculture to focus on for special projects. Don't miss this excellent learning opportunity to learn about Agriculture, the one industry that fills the grocery store, lumber yard, transportation, and your belly.

**Specialized CDE Education** **#241** **Semester**
Prerequisite: Instructor approval
Length of Course: one semester or full year
Credit: .25 credit
Available to Grades: 9 – 12
Description: For those FFA members participating in Food Science, Ag Issues, Market Plan, Ag Communications, Senior Parliamentary Procedure and/or completing their State Degree AND Proficiency Application enroll for this course to receive a ¼ credit of Ag and be eligible for FFA membership.

**Robotics and Electronics** **#228** **Semester**
Prerequisites: None
Length of Course: one semester
Credits: .5 credits
Available to Grades: 9-12
Description: Do you think robotics is interesting? Does Electrical Wiring interest you? Do you want to learn how an electronics circuit works? Students will learn and be assessed on hands-on mechanical skills not covered by other courses. Half of the semester will include working with the Lego Robolab™ software and the NXT labs. The other half will be spent on electrical wiring and electronics. You will gain the basic knowledge of how to wire real life circuits in a residential setting. Careers in Robotics and Electronics are increasing more and more. This is a great class to take if you are interested in computer programming, building robots, electronics careers, or an electrician.

# BUSINESS EDUCATION / COMPUTERS

**Semester Courses**
- Basic Business
- Advanced Business
- Personal Finance
- Digital Media
- Advanced Digital Media

**Year Long Courses**
- Accounting

**Accounting (CIS) U of M (Morris Campus)** **#1** **Full Year**
Prerequisites: none
Length of Course: one year
Credit: 1 credit
Available to Grades: 11 - 12
Description: This course is an introduction to the basic concepts of financial accounting systems, with the focus on sole proprietorships and partnerships. Several important concepts will be studied in detail, including: assets, liabilities, equities, revenues, and expenses of a business. The course emphasizes the construction and analysis of the basic financial accounting statements including the income statement and the balance sheet.

**Basic Business** **#2** **Semester**
Prerequisites: none
Length of Course: one semester
Credit: .5 credit
Available to: Grades 9 -12
Description – Basic Business introduces you to the world of business and management. You will learn what it is like to be a manager of a business in a simulated business community. A wide variety of business topics will be introduced including: checkbooks, accounts payable and receivable, advertising, payroll, and much more! Interviewing and resume writing will also be covered.

**Advanced Business** **#3** **Semester**
Prerequisite: Basic Business
Length of Course: one semester
Credit: .5 credit
Available to Grades 10 – 12
Description: This advanced business class combines subjects such as Entrepreneurship, Marketing, Management, Finance, and technology. Learn the process of being a successful business owner/manager, developing a business plan, researching a market, and obtaining financing. The class will provide real world learning experiences using technology, current events, and a mentorship

experience with a local banker.

**Personal Finance** **#4** **Semester**

Prerequisites: none
Length of Course: one semester
Credit: .5 credit
Available to Grades: 10 –12
Description: This course is ideal for anyone who plans on earning, spending, investing, and giving away money in their future. Who is this? Anyone and everyone! Personal Finance will introduce students to nearly every financial situation they will be faced with in life from birth to end of life. Curriculum will be interactive with use of technology and with the addition of field experts from each area of study.

**Digital Media** **#7** **Semester**
Length of Course: one semester
Credit: .5 credit
Available to Grades: 10 – 12
Description: Push your computer and design skills to a new level by exploring the world of digital media. The class will include software such as Adobe Photoshop and WeVideo. Photography and videography will be covered. Learn about the process of producing a full-length newscast.

**Advanced Digital Media** **#8** **Semester**
**Prerequisites: Digital Media**
Length of Course: one semester
Credit: .5 credit
Available to Grades: 10 – 12
Description: In a production-oriented environment, students will use industry-relevant software, expanding on the curriculum covered in Digital Media, including photography, videography, and web design. Additionally, drone technology will be covered.

# FAMILY AND CONSUMER SCIENCE

**Semester Courses**

Baking
Child Development
Food and Cooking- Fall
Food and Cooking - Spring
Living on Your Own
Interior Design and Housing

**Baking** **#198** **Semester**

Prerequisite: None
Fee: $30
Length of Course: one semester
Credits: .5 credits
Available to Grades: 9 – 12
Description: This course is designed to provide opportunities for students to develop knowledge and skills in baking. Topics covered include: kitchen and food safety, the "Magnificent 7" ingredients commonly used in baking, measuring, gluten, heat and baking, types of quick breads, types of cookies, types of cakes, yeast breads, and other miscellaneous desserts. Sensory evaluation and presentation techniques will also be covered. Additional topics based on student interest. Course will include field trips that complement topics covered in class.

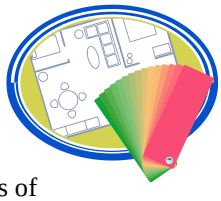
**Food and Cooking - Fall** **#200** **Semester**
Prerequisite: None
Fee: $30
Length of Course: one semester
Credits: .5 credits
Available to Grades: 9 – 12
Description: In this course students will gain a basic foundation in cooking and foods commonly available during fall and early winter. Topics that may be covered include: sanitation and kitchen safety, measuring, reading/following recipes, cooking terms, cookware, small kitchen appliances, kitchen staples, grocery lists/shopping. kitchen work areas, fall fruits and vegetables, herbs and seasonings, local and regional foods, gardens, knife safety and techniques, eggs, pasta, grains, how to make stock, roasting a chicken, and the importance of breakfast. Field trips will be included.

**Food and Cooking - Spring** **#201** **Semester**
Prerequisite: None
Fee: $30
Length of Course: one semester
Credits: .5 credits
Available to Grades: 9-12
Description: In this course, students will develop a basic foundation of cooking and foods commonly available during late winter and spring. Topics covered will include: sanitation and kitchen safety, measuring, reading/following recipes, cooking terms, cookware, meat, dairy products, fish, casseroles/hot dish, soups, Mediterranean dining, forms of vegetarianism, and others determined by student interest.

**Child Development** **#202** **Semester**

Prerequisite: None
Length of Course: one semester
Credits: .5 credits
Available to Grades: 9 - 12
Description: This course emphasizes learning experiences which help students gain knowledge and understanding of the development in children pre-conception through the start of school. Units to be covered include conception, prenatal development, maternal care during pregnancy, labor and delivery, caring for the infant and toddler, stages and development of preschoolers, and careers related to child development. Multiple guest speakers and field trip opportunities will be made available. If desired, use of an infant simulator is available. Students will spend time working with toddlers or preschoolers in the Early Childhood Family Education program at Morris Schools.

**Housing and Interior Design** **#199** **Semester**
Prerequisite: None
Length of Course: one semester
Credits: .5 credits
Available to Grades: 9 - 12



Description: Housing and Interior Design explores how living space meets our varied human needs. Topics covered in class include housing needs, elements of design (line, space, form/shape, texture, and color), principles of design (rhythm, balance, proportion, scale, emphasis, harmony and unity), floor planning, and furniture arranging. A final project will be completed by each student. This course is a project-based class where students will spend a lot of individual work time creating their projects relating to various principles and elements of design.

**Clothing and Fashion** **Not offered 2020-21** **#204** **Semester**
Prerequisite: None
Length of Course: one semester
Credits: .5 credits
Available to Grades: 9 – 12

Description: In this course, students will learn about fashion history, fashion styles, cultural dress, clothing care, design, visual merchandising, and sewing construction skills. As a class, students will complete a variety of small projects based off of the sewing techniques taught in class. Students will individually select a final sewing project that matches their skill level. Careers in the fashion, apparel, and textiles industry will be discussed throughout the semester. Students must purchase their own fabric and notions for all projects.

**Living on Your Own** **#196 Semester**

Prerequisite: None
Length of Course: one semester
Credits: .5 credits
Available to Grades: 9 – 12
Description: This course is designed to introduce students to the skills and abilities necessary for living on your own. Students will be introduced to real life situations that occur as you transition from high school to adulthood. Topics include: transitioning to the workforce, setting up a place to live, maintaining a residence, planning and preparing meals, clothing care, consumer skills, money management, learning to get along with others, establishing a hobby, taking care of yourself, and developing a sense of self and community.

# FINE ARTS

## MUSIC

**Semester Courses**

**Year Long Courses**
**A Cappella Choir**
**Wind Ensemble**
**Concert Choir**
**Concert Band**
**MAHS Express Choir**
**Jazz I**
**Jazz II**

It is expected that students that sign up for band or choir will commit to the full year.

**A Cappella Choir** **#30** **Full Year**
MDE Standard: Arts-Music
Prerequisites: Prior choral experience and an audition /New students may request an audition
Length of Course: one year
Credit: 1credit
Available to Grades: 9 - 12
Description: This choir of approximately 40 students is open to students in grades 9 -12 . Everyone interested must audition for Mr. Kleinwolterink. A Cappella Choir performs regularly during the school year. Students will learn to apply and interpret artistic expression through the singing of music from the Renaissance, Baroque, Classical, Romantic and Contemporary periods. A Cappella Choir is for those students who are more advanced in singing experiences and are interested in challenging themselves musically and vocally. Literature is selected to match the talents and interests of the students. All students perform at large group contest, solo ensemble contests, variety show, four concerts a year, and graduation.

**Wind Ensemble (CIS)** **#34** **Full Year for CIS**
**Semester High School**
MDE Standard: Arts-Music
Prerequisites: Audition for placement
Length of Course: one year
Credit: 1 credit
Available to Grades:10 - 12
Description: In order to meet the standard Arts: Creation and Performance a minimum of two years will be required. Students will perform music of the level attained as well as pep band, solo ensemble, large group contest and various concerts throughout the year. Students perform music of a category one level. Dedication and a great work ethic is necessary to be successful in this ensemble. Music performed ranges from Classical to Pop. Students involved have the opportunity to participate in pep band, jazz band, solo and ensemble. All students perform at large group contest, four concerts a year and graduation.

**Concert Choir** **#31** **Full Year**
MDE Standard: Arts-Music
Prerequisites: Interested in singing/Approval from Mr. Kleinwolterink/Non-Auditioned
Length of Course: semester
Credit: 1 credit
Available to Grades: 9 -12

Description: All students perform at large group contest, solo ensemble contests, variety show, four concerts a year, and graduation. Concert Choir is a group of about 60 students open to all students in grades 9 -12. Everyone interested must audition for Mr. Kleinwolterink. Concert Choir performs regularly during the school year. Students will learn to apply and interpret artistic expression through the singing of music from the Renaissance, Baroque, Classical, Romantic and Contemporary periods. Concert Choir is for those students interested in learning more about their voice and how to use it to create music. Literature is selected to match the talent and interests of the students.

**Concert Band** **#35** **Full Year**
MDE Standard: Arts-Music
Prerequisites: Prior (band) instrumental experience, non-auditioned
Length of Course: Year Long
Credit: 1 credit
Available to Grades: 9 - 12
Description: In order to meet the Arts: Creation and Performance standard a minimum of two years will be required. Students will perform music of the level attained as well as pep band, solo ensemble, large group contest, four concerts a year and graduation.

*** Both Concert Band and Concert Choir can be taken with students alternating days between the two classes.**

**Express Choir**
MDE Standard: Arts-Music **#32** **Semester**
Prerequisites: Member of Concert Choir or A Cappella Choir
Length of Course: one year - one day a week
Credit: .25 credit
Available to Grades: 9 - 12
Description: A small vocal ensemble open to all students in grades 9 -12 who are also registered for Concert Choir or A Cappella Choir. MAHS Express will meet Wednesday mornings from 7:15 to 8:00 a.m. focusing on popular and jazz music. One of the objectives of this class is to create and present dance movement that would accompany the singing. This group will create and/or perform original music throughout the school year at a variety of locations.

**Jazz I** **#36** **Full Year**
Prerequisites: Must be in a band class
Length of Course: one year – two days a week (Tuesday & Friday)
Credit: .25 credit
Available to Grades 9 – 12 Audition only
Description: Performs many forms of Jazz. This class may be taken for 1/4 credit or for no credit. This group will create and/or perform music throughout the school year at a variety of locations including solo ensemble contest, jazz fest, jazz in the park and 3 concerts.

**Jazz II** **#37** **Full Year**
Prerequisites: Must be in a band class.
Length of Course: one year - one day a week. (Thursday)
Credit: .25 credit
Available to Grades: 9-12
Description: Performs many forms of Jazz. This class may be taken for 1/4 credit or for no credit. This group will create and/or perform music throughout the school year at a variety of locations including solo and ensemble contest, jazz fest, jazz in the park and 2 concerts.

# VISUAL ARTS

**Semester Courses**

Intro to Art I
Intro to Art II
Clay I & II
Sculpture I & II
Drawing I & II
Painting I & II
Photography
Graphic Design

Students need to successfully complete two semester courses in the arts as a graduation requirement. The visual arts are one way they can complete this requirement. Students will experiment with various art mediums and create original compositions through the use of the design elements and principles. Students will explore the importance of conveying messages, emotions, and putting themselves into their artworks while responding to this through two artist statements per semester course.

**COURSES CANNOT BE REPEATED FOR CREDIT!**

**Clay I** **#40** **Semester**

Standard: Arts Standard & qualifies for half of the graduation requirement
Prerequisites: none
Length of Course: one semester
Credit: .5 credits
Available to Grades: 9-12
Description: This course is an introduction to clay. Students will learn about clay, hand building, decoration, glazing, and wheel techniques. Hand building methods of construction will include pinch, coil, slab, press and drape molds, sculpture and other traditional modeling methods. Decorations techniques will be an important aspect of all projects and include incise, carved, and added on, slip inlay, scrafitto, and slip trailing. Students will demonstrate a theme, statement or idea through clay design along with the consideration of the design elements and principles writing an artist statement.

**Clay II**

Standard: Arts Standard & qualifies for half of the graduation requirement **#41** **Semester**
Prerequisite: Clay I
Length of Course: one semester
Credit: .5 credit
Available to Grades: 10-12
Description: This course is an advanced course, which allows students to expand on concepts learned in Clay I. Students will create challenging hand built projects and/or concentrate on mastering wheel techniques. Students will learn about advanced clay techniques and processes, hand building, decoration, glazing, and advanced wheel techniques. Hand building methods of construction will include pinch, coil, slab, press and drape molds, sculpture and other traditional modeling methods.
Decorations techniques will be an important aspect of all projects and include incise, carved, and added on, slip inlay, scrafitto, and slip trailing. Students will demonstrate a theme, statement or idea through clay design along with the consideration of the design elements and principles writing an artist statement.

**Clay I & II will be offered during the same class period. Students in Clay II will be doing advanced work.**

**Sculpture I**

Standard: Arts Standard & qualifies for half of the graduation requirement **#47** **Semester**
Prerequisite: none
Length of Course: one semester
Credit: .5 credit
Available to Grades: 9-12
Description: Students will explore different types of sculptural methods including kinetic, soft, assemblage, mobile, stabile, and plane. Sculpture materials will include wire, paper mache, plaster, cloth, and metal and oil clay. Students will demonstrate a theme, statement or idea through sculpture along with the consideration of the design elements and principles writing an artist statement.

**Sculpture II** **#48** **Semester**
Standard: Arts Standard & qualifies for half of the graduation requirement
Prerequisite: Sculpture I
Length of Course: one semester
Credit: .5 credit
Available to Grades: 10-12
Description: This course is an advanced course, which allows students to expand on concepts learned in Sculpture I. Students will have an opportunity to experiment with various types of three dimension media. Students will create challenging hand built projects and/or concentrate on mastering techniques. Students will experiment in different types of sculptural methods including kinetic, soft, assemblage, mobile, stabile, and plane creating more advanced artwork. Students will demonstrate a theme, statement or idea through sculpture along with the consideration of the design elements and principles writing an artist statement.

**Sculpture I & II will be offered during the same class period. Students in Sculpture II will be doing advanced work.**

**Drawing I** **#42** **Semester**
Standard: Arts Standard & qualifies for half of the graduation requirement
Prerequisites: None
Length of Course: one semester
Credit: .5 credits
Available to Grades: 9-12

Description: Students will learn drawing techniques including mapping, grids, upside-down, contour, gesture, on-site, and various shading techniques. Sketches will include concentration in composition, tonal value, detail, and finish concepts. Students will also be reminded to utilize the design elements and principles in all their work. Drawing techniques may include pencil, charcoal, colored pencil, pastel, India ink, and collage. Painting mediums will include watercolor and acrylic. Students will demonstrate a theme, statement, or idea through their drawings and painting along with the consideration of the design elements and principles completing an artist statement.

**Drawing II**
Standard: Arts Standard & qualifies for half of the graduation requirement **#43** **Semester**
Prerequisites: Drawing I
Length of Course: one semester
Credit: .5 credit
Available to Grades: 10-12
Description: This is an advanced course, which allows students to expand on concepts learned in Drawing I. Students will utilize various drawing techniques and mediums creating original artworks. Sketches will include concentration in composition, tonal value, detail, and finish concepts. Students will be expected to utilize the design elements and principles and will be introduced to water based oil and create at least one original painting using this medium. Students will demonstrate a theme, statement or idea through drawing along with the consideration of the design elements and principles writing at least four artist statements.

**Drawing I & II will be offered during the same class period. Students in Drawing II will be doing advanced work.**

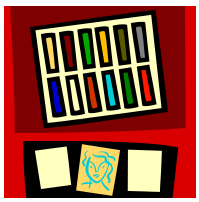
**Painting I** **#45** **Semester**
Standard: Arts Standard & qualifies for half of the graduation requirement
Prerequisites: Drawing I
Length of Course: one semester
Credit: .5 credits
Available to Grades: 9-12
Students will learn painting techniques including color mixing, color theory, use of square and round brushes, glazing, pallet knives, mixed media and more. Basic painting mediums will include watercolor and acrylic. Students will learn how to make their own stretcher frames. Students will demonstrate a theme, statement, or idea through their drawings and paintings along with the consideration of the design elements and principles completing an artist statement.

**Painting II** **#46** **Semester**
Standard: Arts Standard & qualifies for half of the graduation requirement
Prerequisites: Painting I
Length of Course: one semester
Credit: .5 credit
Available to Grades: 10-12
Description: This is an advanced course, which allows students to expand on concepts learned in Painting I. Students will experiment with various painting techniques and mediums creating original artworks. Sketches will include concentration in composition, value, detail, and finish concepts. Students will be expected to utilize the design elements and principles in all their work. Students will be introduced to water based oil and create at least one original painting using this medium. Students will demonstrate a theme, statement or idea through painting, along with the consideration of the design elements and principles writing at least two artist statements.

**Painting I & II will be offered during the same class period. Students in Painting II will be doing advanced work.**

**Intro to Art I** **#49** **Semester**
Standard: Arts Standard & qualifies for half of the graduation requirement
Prerequisites: none
Length of Course: one semester
Credit: .5 credits
Available to Grades: 9-12
Description: This course will cover the Elements and Principles of Design in detail through various 2D and 3D projects. Students will learn what is needed to create a "good" composition using their own original ideas. Along with completing unique and original compositions, students will learn to communicate moods, feelings, ideas, themes, and statements through their artwork. Various media will be used including graphite pencil, oil and chalk pastel, colored pencils, markers, India ink, collage materials, clay, plaster, wire to name a few. Sketchbooks will be provided to plan and sketch projects before starting the final work. Students will demonstrate a theme, statement, or idea through their artworks along with the consideration of the design elements and principles completing at least two artist statements.

**Intro to Art II** **#50** **Semester**
Standard: Arts Standard & qualifies for half of the graduation requirement
Prerequisite: Intro to Art I
Length of Course: one semester
Credit: .5 credit
Available to Grades: 9-12
Description: This course will review the Elements and Principles of Design through various projects and mediums. Students taking this course will be expected to have a better understanding of these concepts being able to create more unique and creative projects. A "good" composition will once again be stressed when students plan and create their artworks. 2D and 3D mediums and projects will be explored as completed during Intro to Art I. Students will be encouraged to experiment and try something new with mediums they have used before. Sketchbooks will be provided to plan and sketch projects before starting the final work. Students will demonstrate a theme, statement, or idea through their artworks along with the consideration of the design elements and principles completing at least two artist statements.



**Graphic Design** **#44** **Semester**
Standard: Arts Standard & qualifies for half of the graduation requirement.
Prerequisites: none
Length of Course: one semester
Credit: .5 credits
Available to Grades: 9-12
This course is an introduction to skills that a graphic designer would use in the workplace of conveying ideas, messages, and statements. Depending on computer availability, some projects will be created using computer based programs along with drawing skills. The Elements and Principles of Graphic Design will be studied with emphasis on color theory. Students will work with the Three C's of Design that include composition, components and concept when creating an ad campaign including a logo for a local business. Topics covered include grids for page layouts, typography, logos, print and package designs. Students may also complete an original logo design to represent themselves. Students will also learn basic one and two color printmaking techniques of relief and stencil. Students will demonstrate a theme, statement or idea through their artwork along with the consideration of the design elements and principles and writing at least two artist statements.

**Photography** **#39** **Semester**

Standard: Arts Standard & qualifies for half of the graduation requirement.
Prerequisites: none
Length of Course: one semester
Credit: .5 credits
Available to Grades: 9-12

Students will be introduced and explore how a digital camera works along with exposure, shutter speeds, focus, aperture and depth of field. Students will also learn key composition items including rule of thirds, "S" or "Z" curve, diagonal lines, balance, negative space light, shadows, emphasis etc. Students will also learn how to capture moving subjects by learning the basics of how shutter speed selection can let you freeze the action to capture sharp images or create blur to add to the creativity and bring a sense of motion to your still images. You will learn and explore various different scene options of portraits, sports/action, close-up, people, landscapes, abstract, and experimental images and techniques. Students will go through various lessons concentrating on these main concepts. Students will then learn to edit photos using Adobe Photoshop, along with the Bamboo Create pen and touch tablet if numbers accommodate, otherwise google editing apps will be used. Students will be involved in critiques of photos along with writing an artist statement for their favorite selected photos from the Semester. Students should have access to a digital camera with manual controls. The Art department will have some cameras for students to check out and use if needed.

# LANGUAGE ARTS

**Semester Long Elective Courses**
College Speech – Introduction to Public Speaking
Creative Writing
Film Analysis

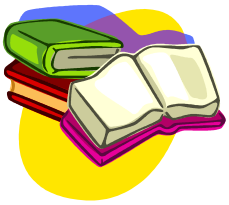
**Year Long Courses**
9 English
10 English
11 English American Literature
11 English Advanced American Literature
12 English British Literature
College Writing
College Literature

The English / Language Arts Department at Morris Area High School strives to give students exposure to all aspects of English: reading, writing, listening, viewing, speaking and mediacy. Our goal is to give students the tools they will need to become effective communicators and critical thinkers for the rest of their lives. Students must take four credits of English in grades 9-12 to graduate.

**9 English** **#51** **Full Year**
Length of Course: one year
Credit: 1 credit
Available to Grade: 9
Description: This class is designed to strengthen students' skills in writing, reading, and speech. Along with frequent writing of various forms, students will complete an MLA formatted research paper. The literature involved in this course includes short stories, novels and Shakespeare's *Othello*. Students will give speeches in order to practice and demonstrate methods of communication.

**10 English** **#52** **Full Year**
MDE Standard: Language Arts
Prerequisites: none
Length of Course: one year
Credit: 1 credit
Available to Grade: 10
Description: English 10 is designed to develop reading, writing, speaking, listening, language and analytical skills using literature as the primary focus. Students will understand, identify, and analyze short stories, novels , poems, non-fiction writings, plays and other dramatic works. Language study is primarily in the form of studying vocabulary and speaking practice is gained through informal and formal presentations.

**11 English-American Literature** **#53** **Full Year**
MDE Standard: Language Arts
Prerequisite: None
Length of Course: one year
Credit: 1 credit
Available to Grade: 11



Description: This course examines American Literature, looking not only at the standard classical works, but also contemporary writers from a wide variety of ethnic backgrounds. Students will complete a research project using MLA format. Students will review grammar as it applies to writing. Students will also explore concepts of Media Literacy. Student achievement is assessed primarily through daily assignments, writing and tests.

**11 English-Advanced American Literature** **#55** **Full Year**
MDE Standard: Language Arts
Prerequisites: Teacher Permission and Recommendation, 3.25 GPA
Length of Course:one year
Credit: 1 credit
Available to Grade: 11
Description: The goal of this course is to prepare students for post-secondary education by giving them exposure to a variety of classical works from American literature. It is recommended this class is taken prior to the college courses or that students have a teacher recommendation to advance in the collegiate course work. This course includes academic writing, class presentations, literary analysis, and improving research skills.

**12 English-British Literature** **#54** **Full Year**
MDE Standard: Language Arts
Prerequisites: none
Length of Course: one year
Credit: 1 credit
Available to Grade: 12
Description: This course is a survey of British Literature from the Anglo-Saxons through the 20th century emphasizing the relationship between history and literature. Works for authors such as Chaucer, Shakespeare, Milton, Jonathan Swift and Charles Dickens are studied. This course includes research, academic writing and several presentations.

**Creative Writing** **#60** **Semester**
Prerequisites: none
Length of Course: one semester
Credit: .5 credit
Available to Grade: 9 - 12
Description: One semester of this course will focus on poetry--the basic elements, figurative language, meter and rhyme, different poetic forms, personal expression, in-class activities to foster creative thinking, peer review, etc. The other semester will focus on short fiction--the 5 Elements of Fiction, flash fiction, short stories of various types and lengths, in-class activities to foster creative thinking, peer review, etc.

**Film Analysis** **#61** **Semester**
Prerequisites: 9 English
Length of Course: one semester
Credit: .5 credit
Available to Grades: 10-12
Description: This course is designed for students who would like to develop their writing skills through the analysis of film and character. Students will be viewing older film classics and newer films. We will explore and discuss the imagery, technique, moral and ethical messages, social commentary, and historical significance of these works of art. Students will demonstrate their understanding of these themes and their critical thinking skills through writing analysis papers and group discussion

**College Speech - Introduction to Public Speaking (CIS) SMSU** **#59** **Semester 2**
Prerequisite: Qualify under CIS / PSEO guidelines (limited enrollment)

Length of Course: one semester
Credit: .75 credits
Available to Grades: 11 - 12
Description: This course examines the process of oral communication, clarifies the process of public speaking, and allows the student to increase the application of these principles while speaking and listening. Completion of this course qualifies for college credit.

**College Writing (CIS) SMSU** **#56** **Full Year**
Prerequisites: Qualify under CIS / PSEO guidelines and Teacher Review
Length of Course: one year
Credit: 1 credit
Available to Grade: 11 - 12
Description: College Writing is an accelerated writing curriculum for high school students on track for college.
This class introduces writing skills that demonstrate an understanding of complex sentence structure and word choice, sophisticated transitions and organizational flow and the development of ideas beyond the superficial.

For information regarding SMSU's class description and credit value of ENG151, please access the link below:
https://www.smsu.edu/resources/webspaces/academics/collegenow/Comp%20Sub--151%20Course%20desc%20Final2-12-10.doc

**College Literature (CIS)** **SMSU** **#58** **Full Year**

Prerequisite: Qualify under CIS / PSEO guidelines and Teacher Review, College Writing is preferred, but not required to take this course.

Length of Course: one year

Credit: 1 credit

Available to Grades: 11-12

Description: This college level course (LIT 120) exposes students to the social and historical aspects that influence world literature. Students will move beyond discussions centered on plot and embrace the search for complex themes embodying some aspect of the human condition, which in turn will stimulate critical thinking. Students will be expected to read challenging texts and process the material through the lens of what they already know while acquiring new, thought-provoking information. Genres will include fiction, nonfiction, drama, and poetry. Course readings explore mature, college-level ideas.

# MATHEMATICS

**Semester Courses**
College Algebra
Introduction to Statistics

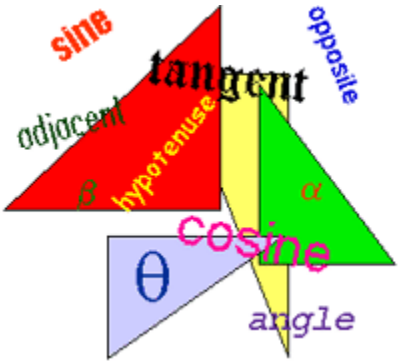
**Year Long Courses**
Algebra I.5
Algebra II
Advanced Algebra II
Geometry
Advanced Geometry
Foundations of Math
Pre Calculus
Calculus I

The Mathematics program in the MorrisAreaHigh School is designed for students who have a desire to use their mathematical and numerical abilities in their future vocation either through college, vocational or some specialized training. Please check the requirements of the career choice that you have made or are thinking about to be certain that you have the background that you need for the future.

MATHEMATICS

| Grade | Accelerated Plan (Plan 1) |
|---|---|
| 7 | 7th Grade Math |
| 8 | Advanced 8th Grade Algebra |
| 9 | Advanced Geometry |
| 10 | Advanced Algebra II |
| 11 | Pre-Calculus or College Algebra |
| 12 | Calculus & College Statistics or Pre-Calc |

| Grade | Regular Plan (Plan 2) |
|---|---|
| 7 | 7th Grade Math |
| 8 | 8th Grade Algebra |
| 9 | Algebra I.5 |
| 10 | Geometry |
| 11 | Algebra II |
| 12 | College Algebra or Foundations of Math |




Crossovers between regular and accelerated program can be allowed by teacher recommendation.

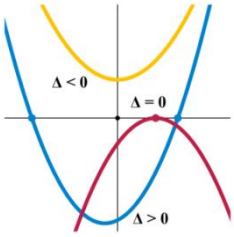
Students must have at least 3 years of math in Grades 9 – 12, (Geometry and Algebra II must be two of the credits), but 4 years is encouraged. There are colleges and universities that require 4 years.

Morris Area math teachers will recommend students for the correct math class. Students should have their registration form initialed by their math teacher.

**Algebra I.5** **#75** **Full Year**
MDE Standard: Mathematics
Prerequisite: 8th grade general math or 7th grade accelerated math.
Recommended materials: 5-subject notebook, scientific calculator
Length of Course: one year
Credit: 1 credit
Available to Grades: 9-12
Description: Students will build upon last year's knowledge of algebra (Algebra 8) in Algebra 1.5. A review of the fundamentals of Algebra 8 (algebraic operations, solving linear and graphing linear inequalities and systems) will take place during the first quarter of the course, with more advanced algebra topics covered in second, third, and fourth quarters. New topics introduced will be properties and applications of exponential equations, quadratic equations, polynomial equations, and rational equations. Radicals and applications of radical expressions in geometry will be covered, and if time allows, probablilty and statistics will be studied.

**Algebra II** **#77** **Full Year**
MDE Standard: Mathematics
Prerequisites: Geometry or Advanced Geometry
Length of Course: one year
Credit: 1 credit
Available to Grades: 10 - 12
Materials Needed: notebook, TI-84 calculator is recommended
Description: This course is a continuation of Algebra I. Covered topics will include a review of Algebra I; solving and graphing linear, quadratic, exponential, and radical equations and inequalities; inverse, polynomial, rational, and trignonmetric functions; complex numbers; discrete mathematics; probability & statistics, matrices; and conic sections. This course is a good preparation for secondary education.

**Advanced Algebra II** **#78** **Full Year**
MDE Standard: Mathematics
Prerequisites: Geometry or Advanced Geometry
Credit: 1 credit
Available to Grades: 10 -12
Materials Needed: 3 Ring Binder
Calculator: TI-84 calculator is highly recommended.
Description: This course includes a thorough study of the rational and real number systems with an introduction to trigonometry. Some topics are: sets and functions; rational number systems; real solution of quadratic equations; solving linear equations; solution of triangles; study of complex numbers and Probability and Statistics. This course includes a project on functions and the solution of equation systems. This is a college preparation math course. Study will include the operation of a graphing calculator and its applications.




**Geometry** **#80** **Full Year**
MDE Standard: Mathematics
Prerequisite: Algebra I
Length of Course: one year
Credit: 1 credit
Available to Grades: 9 – 12
Calculator: TI-30
Description: This course introduces the study of Euclidian Geometry. The student will have the opportunity to learn a wide variety of geometric concepts. The geometry starts with points, lines and planes and develops into the study of such things as angles, lines, triangles and quadrilaterals, other polygons, circles, cylinders and spheres. Logic and proofs, both direct and indirect, are introduced. The use of computers as an instructional aide will be included as an integral part of this course.

**Advanced Geometry** **#81** **Full Year**
MDE Standard: Mathematics
Prerequisites: Algebra I
Length of Course: one year
Credit: 1 credit
Available to Grades: 9-12
Calculator: TI-30
Description: This course introduces the study of Euclidean Geometry as well as Coordinate Geometry. The student will have the opportunity to learn a wide variety of geometric concepts. The geometry starts with points, lines and planes and develops into an in depth study of triangles, quadrilaterals, circles and other types of polygons. Both 2 and 3 dimensional figures will be studied in this course. Also included in this course are transformations along with logic and proofs, both direct and indirect. The use of computers will be an integral part of this course. This is a college preparation math course and will cover material in more depth than the Geometry course. (#42)

**Foundations of Math** **#79** **Full Year**
MDE Standard: Mathematics
Prerequisites: Algebra I & Geometry
Length of Course: one year
Credit: 1 credit
Available to Grades: 11- 12
Materials Needed: Looseleaf paper and folder
Description: Foundation of Math is a course designed for the student who is reviewing and preparing for post-secondary math and/or placement tests. Topics that will be covered include: Algebra, geometry, probability and statistics, and basic trigonometry.

**Pre-Calculus (CIS)** **SMSU (Course # Math 135)** **#82** **Full Year**
Prerequisites: Geometry and Advanced Algebra II
Length of course: one year
Credit: 1.25 credits
Available to Grades: 11 - 12
Calculator: TI-84
Description: This is a college level course. This course treats functions necessary for the development of calculus. The first semester is devoted to the study of trigonometry. This is a precalculus course. Some of the topics are functions, polynomial functions, exponential and logarithmic functions, circular functions, probability, the binomial theorem and an introduction to limits. The use of the computer as an instructional aide will be included in the course.

**Calculus I (CIS)** **SMSU (Course # Math 150)** **#86** **Full Year**
Prerequisite: Math 135 (Pre-Calculus) or by Teacher/Administrator Permission
Length of Course: one year
Credit: 1.5 credit
Available to Grades: 11-12
Calculator: TI-84 or higher
Description: Students will learn about differential calculus of elementary functions, including applications. Limits, differentiation rules, related rates, and analysis of graphing using calculus will be learned. This class will also include an introduction to integration and some applications of integrations.

**College Algebra (CIS)** **SMSU (Course # Math 110)** **#85** **Semester**
Prerequisites: Advanced Algebra II, Teacher Permission, top 1/3 of class for juniors or top 1/2 of class for seniors
Length of course: one semester
Credit: .5 credit
Available to Grades: 11 – 12
Description: This course includes rational, polynomial, exponential, logarithmic, inverse, and quadratice functions. This course also includes equations, inequalities, complex numbers and systems of linear equations. Additional topics may include matrices and determinants.

**Introduction to Statistics (CIS)** **M State (Course # Math 1213)** **#84** **Semester**
Prerequisites: College Algebra or Pre-Calculus or by Teacher/Administrator permission
Length of course: semester
Credit: 1 credit
Available to Grades: 11 – 12
Calculator: TI-84
Topics include data summary, frequency distributions, plots, graphs, measures of central tendency, variation, probabilities, probability distributions and confidence intervals. Hypothesis testing of means, proportions and variances will be conducted using the z-test, t-test, chi-square-test, f-test and ANOVA. Optional topics may include nonparametric statistics, sampling and simulation.

# MISCELLANEOUS

**Semester Course**
Teacher Assistant
Drivers Ed
Ed 101 Introduction to Education and Lab (CIS)

**Year Long Courses**
IWAKTA

**IWAKTA** **#302** **Full Year**
Prerequisites: none
Length of Course: one year – (if expectations are not met, student may be dropped at semester break)
Credit: 1 credit
Available to Grades: 10 – 12 (limited enrollment based on GPA and Seniority)
Instructor Approval
Description: Students are introduced to yearbook production by planning and developing the **IWAKTA**. **IWAKTA** means "**on the lookout**" and you will be on the "**lookout**" all year for what's happening in our school by taking pictures, designing pages and writing copy to create the yearbook. We are looking for students that are highly motivated, creative and independent workers willing to put in time outside of the class period at times to attend events and take pictures. If you are a go-getter and like to take pictures, design and write, take this class. You must have instructor approval to take this class.

**Teacher Assistant** **#305** **Semester or Year**
Prerequisite - Faculty permission
Length of Course – semester/one year
Credit - .5 credit or 1 credit
LIMITED to 1 full credit on transcript
Available to Grade: 11 - 12
Description – This program allows selected students to assist teachers with non-confidential classroom duties. This is an excellent opportunity for students interested in education as a career. Previous attendance record and work ethic are key factors in acceptance of TA applicants. Limited to number of staff requesting TA students.***You can NOT schedule a study hall the same semester your are enrolled as a TA or enrolled in On the Job Training.***

**Driver's Education** **#307** **Semester**
Driver's Education is offered for no credit to 9th graders preparing for the Minnesota Driver's Test. This course completes the classroom phase of drivers' instruction. Driver's Ed is done in cooperation with the physical education class either first or second semester (assignment is based on birth date). This course is not available to 8th graders. Passing this course is mandatory before behind the wheel instruction.

**ED 101 Introduction to Education and Lab** **#108** **Semester**
Prerequisites: None
Length of course: Semester
Credit: .75
Available to Grades: 11th and 12th
This course is an introduction to early childhood, elementary, and secondary education for students interested in teaching. Students will explore their potential for teaching in light of admission criteria and licensure requirements. The course includes study of historical and social foundations of education topics such as inquiry into the teaching and learning process, schools in a multicultural and diverse society, the profession of teaching principles of cooperative group learning and cultural differences, communication, and stereotyping. Fifteen hours of field experience is required.
As a part of this Introduction to Education course, students are required to participate in a 15 hour field experience observation. School districts will be responsible for placing each student with an appropriate teacher. The teachers that the students are placed with must be a licensed teacher in K-12 and have at least one year of experience in their field. Valid teaching licenses must be presented at the time of student placement. The students should be placed in their area of interest and can be within the district or in another district.

# PHYSICAL EDUCATION / HEALTH

**Semester Courses**
Emergency Medical Responder
Emergency Medical Technical Trainer

**Year Long Courses**
Fitness for Life
10 Health
10 Physical Education
9 Physical Education

**9 Physical Education**
MDE Standard: Phy Ed **#100** **Full Year**
Prerequisites: pass 8th grade Phy Ed
Length of Course: one year
Credit: .5 credits
Available to Grade: 9
Description: Physical education puts an emphasis on individual, team, dual and lifetime sport activities. Skill, form and written tests are given. Physical Education standard is met in this class. They will evaluate their fitness level; make a program to strengthen their weaknesses, log activities over a period of time. In the spring they will have their fitness level retested and analyze their progress.

**10 Health** **#102** **Full Year**
MDE Standard: Health
Prerequisites: pass 8 Health
Length of Course: one year, alternating days
Credit: .5 credit
Available to Grade: 10
Description: This course takes a more in depth look at the 8 priority health areas, which are: nutrition, physical fitness, alcohol, drugs, tobacco, unintentional and intentional injuries, communicable and non-communicable diseases, STDs/HIV and unintentional pregnancies. Current health topics that occur during the semesters, consumer education, the aging process and other life skills will also be discussed. This class will be based on discussion and some research will be done for the project to complete the graduation standard for Health. Health standard is met in this class.

**10 Physical Education** **#101** **Full Year**
MDE Standard: Physical Education
Prerequisites: Pass 9th grade Phy Ed
Length of Course: one year alternating days
Credit: .5
Available to Grade: 10

Description: Physical Education 10 puts an emphasis on individual, team, dual and lifetime sport activities. Skill, form and written tests are given. They will evaluate their fitness level; make a program to strengthen their weaknesses, log activities over a period of time. In the spring, they will have their fitness level retested and analyze their progress. Physical Education standard is met in this class.

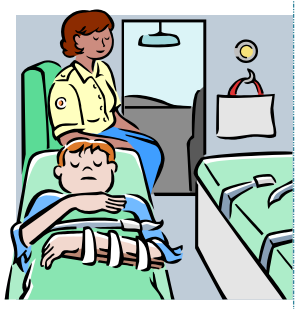
**Fitness for Life** **#105** **Full Year**
Length of Course: Semester
Credit: 1 credit
Available to Grades: 11 - 12
Description: Students in this class will have an opportunity to learn and practice proper weight training and conditioning techniques under the supervision of a physical education instructor three days each week. Alternate days will include lifetime fitness activities such as Archery, Disc Golf, Tennis, Badminton, Skating, Skiing and other fitness related activities. Juniors registering for this course should select at least two alternatives.

**Emergency Medical Responder** **#104** **Semester**
Prerequisite – none
Length of Course - one semester
Credit -.75 credit
Available to Grades - 11-12 (limited enrollment based on seniority)
Description: The First Responder course offers training in basic pre-hospital emergency medical intervention. Students will develop proficiency in skills such as health care provider, CPR, automatic cardiac defibrillation and the use of oxygen equipment. Additional training will be given to hemorrhage control, treatment for shock, burns and sports injuries. Successful completion of this course will

allow students to challenge the Minnesota Emergency Medical Service Regulatory Board test for certification. Depending on available funding a fee may be charged.

**Emergency Medical Technician Training** **#103** **Semester**

Prerequisite – Top 50% of H.S. class & EMR
Length of Course –one semester
Credit - .75 credit
Available to Grade –11 - 12



Description: EMT course includes training in basic life support, patient assessment, airway management, spinal immobilization, medical emergencies, trauma care, cardiac arrest management, scene assessment, anatomy and physiology and lots of hands-on practice with medical device used in pre-hospital care of patients. EMT training is excellent preparation for any career path, including paramedic, nursing, medical school or law enforcement. Successful completion of this course will allow students to take State of MN and National registry exams to become certified as an Emergency Medical Technician.

# SCIENCE

**Semester Courses**
Forensic Science
Medical Terms

**Year Long Courses**
9 Physical Science
10 Biology
Chemistry
General Biology I (CIS)
Active Chemistry
Physics
Anatomy & Physiology

Three (3) credits are required in science to graduate from Morris Area High School. Of these credits, at least 1 full credit must come from either Chemistry, Physics, or Active Chemistry. All students take 9th grade Physical Science, 10th grade Biology. General Biology I & Anatomy, as well as Forensic Science & Medical Terms are going to be offered on a rotating basis.

**9 Physical Science** **#125 Full Year**

Prerequisites: none
Length of Course: one year
Credit: 1 credit
Available to Grade: 9
Description: Semester 1: Students will study Newton's Laws of Motion and the relationship between work and energy. They will do an investigative science project that will include a written and dated record of their work, a research paper, and a display. Their work will be displayed at the local science fair. Semester 2: Students will study and investigate properties of matter in the laboratory.

**10 Biology** **#126 Full Year**
MDE Standard: Science
Prerequisites: Science 9
Length of Course: one year
Credit: 1 credit
Available to Grade: 10
Description: This required course is a study of the structure and functions of plants and animals including the inter-relationship of person and their environment. This includes biological change, biological diversity, cell structure and function, mechanisms of heredity, and biological equipment.

**Chemistry** **#130 Full Year**
MDE Standard: Science
Prerequisites: Completion of or concurrent registration in Algebra II and all required science courses.
Length of Course: one year
Credit: 1 credit
Available to Grades: 11 – 12
Description: This course is designed for the student who plans to study science or engineering in college, or who prefers a more traditional approach to Chemistry. The course is lab-centered, emphasizing quantitative relationships, and studies in depth the basic principles of matter. The goal of this course is to prepare a student for a college Chemistry course.

**Active Chemistry** **#131 Full Year**
MDE Standard: Science
Prerequisites:Biology
Length of Course: one year
Credit: 1 credit
Available to Grades: 11 – 12

Description: The first semester of this course will spark students' curiosity and enthusiasm for the field of chemistry by bringing in real life and applicable examples. Topics of study include qualitative and quantitative analysis, electrochemistry, thermodynamics, kinetics, and the periodic table, among a multitude of others. Each chapter is accompanied by a project, meant to tie in the chemistry concepts discussed. These projects range from finding ways to incorporate chemistry concepts

into a movie special effects clip to creating a work of art using chemistry to designing and constructing a toy using the gas laws. The second semester of this course is dedicated to applying this knowledge to the field of food science. In it, we will explain how water, carbohydrates, lipids, proteins, vitamins, and minerals react in foods; discuss where their food comes from and how it has been regulated over the years. Looking at how improvements have been made for us as the consumers. They will also learn about textures and differences between processed and whole foods as it pertains the foods processing and deterioration. Students will also be introduced to food science through product development. As related to food chemistry, this course will also look into soil chemistry and how it relates to food production and biofuel chemistry with food crops. This course (both semesters) will meet your requirement for Chemistry as 1 credit. Students planning on a field in science are encouraged to take Chemistry.

**Physics** **#132** **Full Year**
MDE standard: Physics, Science
Prerequisites: Current enrollment in at least Algebra II
Length of course: one year
Credit: 1 credit
Available: Available to Grades: 11-12
Description: The class is designed to explore the world around us and better understand how and why *everything* happens in our world. The course is algebra based, so it will be beneficial to students who are interested in studying science or engineering at college, or for any student interested in how the world works around them. It is also a good way to prepare for the ACT and SAT tests. The course is lab-centered. The goal of this is to prepare students for a college science course.

**General Biology I – Biol 1122 (CIS)** **M State** **#135** **Full Year**
Prerequisite – Chemistry
Length of Course - one year
Credit - 1 credit ***ONLY OFFERED EVERY OTHER YEAR (2020-'21 then 2022-'23)***
Available to Grades - 12
Description: Meets MnTC Goal Areas 2 and 3. This course in an introduction to the structure and function of living systems with an emphasis on cellular and molecular biology. Fundamental concepts include the chemical basis of life, cell structure and function, cell division, metabolism, classical and molecular genetics, and biotechnology. This course includes a laboratory component incorporating experimental design, microscopic work and cellular and molecular biology techniques. Along with BIOL1123, this course is part of a two-semester sequence of general biology that can be taken in either order.

**Anatomy and Physiology** **#133** **Full Year**
Prerequisite – – High School Biology
Length of course – Year Long
Credit. 1 credit ***ONLY OFFERED EVERY OTHER YEAR (2021-'22 then 2023-'24)***
Available to grades – 11 – 12

Description: This course provides a comprehensive study of the anatomy and physiology of the human body. Topics include body organization, anatomical terminology, basic biochemistry, homeostasis, cytology, histology, and the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary, and reproductive systems. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships. Laboratory work includes dissection of preserved specimens, microscopic study, physiologic experiments, and multimedia presentations.

**Forensic Science** **#137** **Semester**
Prerequisite – 9th Grade Physical Science.
Length of Course - Semester
Credit - .5 credit ***ONLY OFFERED EVERY OTHER YEAR (Spring 2020-'21 then 2022-'23)***
Available to Grades - 10-12

Description: In this course, we will explore the field of forensic science in a variety of ways. With each chapter, we will identify specific types of evidence and the techniques used to collect and analyze the evidence. As we progress, we will refine these techniques and apply them to other areas of study. Topics covered include crime-scene investigation; the collection, handling, and examination of trace evidence such as hair, fibers, soil, pollen, and glass; fingerprint, blood and blood spatter examination; DNA, drug, handwriting, and tool mark analysis; impressions; ballistics; forensic anthropology; and the determination of the cause and time of death.

**Medical Terms (CIS)** **M State** **#138** **Semester**

Prerequisite – High School Biology
Length of course – Semester
Credit. .75 credit ***ONLY OFFERED EVERY OTHER YEAR (Fall 2021-'22 then 2023-'24)***
Available to grades – 11 – 12
Description:This is a college level course offered to juniors and seniors. The class covers prefixes, suffixes and roots used to compose medical terms. The student learns to spell, pronounce, define, analyze and formulate terminology related to body structure, disease diagnosis and treatment. Medical abbreviations are also included.

# SOCIAL STUDIES

**Semester Courses**

Holocaust & Genocide in the Modern World (CIS)
Turbulent 60's (CIS)
Psychology (CIS)

**Year Long Courses**

12 Social and Economics
11 American History
10 History and Geography of the World
9 Civics

Four (4) credits are required in social studies and completion of the required social studies standard to graduate from Morris Area High School. All students take 9th grade Civics, 10th grade History and Geography of the World, 11th grade American History and 12th grade Social and Economics.

**9 Civics** **#150** **Full Year**

Prerequisite: none
Length of Course: one year
Credit: 1 credit
Available to Grade: 9
Description: Students will study how the U.S. government established by the constitution embodies principles and ideals of a democratic republic, will learn rights and responsibilities of citizenship and understand how formal and informal structure within interest groups exercise power. Students will also determine personal interest, aptitudes and abilities, and investigate possible careers through research and evaluate their choices in relationship to life goals and personal attributes.

**10 History and Geography of the World** **#151** **Full Year**

MDE Standard: Social Studies
Prerequisite: 9th Grade Civics
Length of Course: one year
Credit: 1 credit
Available to Grade: 10
Description: This course will address the social studies standards in world history and geography. The course will include an overview of historical events and how various societies evolved and related to each other. Various techniques of studying history will be used including: chronology; point of view; themes as well as prominent figures and events will be covered. Students will analyze the landscape and relationship of humans with their environment. Students will create and refer to maps, graphs, documents, graphic organizers and geographic information systems throughout the course. They will look for patterns and relationships that emerge when plotting human activity and human boundaries on the earth's surface. They will analyze human intentions and the effects of human activity on cultural and physical landscapes. Students will use geographic concepts to understand disputes over human-created divisions of the earth. Students will understand the impact of geography on culture and how the physical environment influences where cultures develop (cultural hearths) and how cultural traits spread (cultural diffusion).

**11 American History** **#152** **Full Year**

MDE Standard: Social Studies
Prerequisites: Civics and 10th Grade World History
Length of Course: one year
Credit: 1 credit
Available to Grade: 11
Description**:** The course will cover periods throughout American history with an emphasis on making contemporary connections. It will be taught using a blended format. American History is a full-year survey course with lessons that help students organize their study, explore topics, and practice skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, small and large-group presentations and conducting independent research.

**12 Social and Economics** **#153** **Full Year**
MDE Standard: Social Studies
Prerequisites: 11th Grade American History
Length of Course: one year
Credit: 1 credit
Available to Grade: 12
Description: The first semester will involve a study of the American political system. Because the government is of, by and for the people, people need to govern themselves fairly. This requires knowledge of how the government operates and the roles of officials in government. Political ideologies, global concerns, career exploration and using the mentorship program will be integrated into the class. Career Investigation will include the use of modern technology. Community service will focus on understanding the ramifications of environment issues, events or services, knowing the purpose and function of public and private organizations, and knowing how agencies determine level of service and skills needed in organizational settings. The second semester of the year will focus on the principles of economics and how people cope with scarcity and become better decision makers. This includes understanding sound buying principles, issues involved in renting or buying a home, personal finance terminology and all types of insurance options. Students will create plans for a major purchase, evaluate personal banking services and analyze a household budget. Students will be able to prepare personal income tax statements and will explore investment options such as IRA's, CD's or stocks and will participate in the Stock Market Game.

**Topics and Problems in World History: Holocaust (CIS)** **UMM** **#154** **Semester**
Prequisites: Qualify under CIS / PSEO guidelines.
Length of Course: one semester
Credit: 1 credit
Available to Grades: 11 - 12
Description: This course is designed to provide students with a background in the Holocaust. Students should expect to read multiple articles and books, research, write, and present information, participate in discussions, watch movies, and possibly complete a service project. Periodic assessments will be given throughout the course. This is a semester course through the University of Minnesota-Morris. Grades will accumulate throughout the semester rather than have two quarter grades averaged.

**Psychology I (CIS)** **SMSU** **#159** **Semester**
Prerequisites: Qualify under CIS / PSEO guidelines
Length of Course: one semester (SPRING)
Credit: .75 credit
Available to Grades: 11 - 12
Description: In this course the student will be introduced to the major theories, research methods, and practical applications of psychology. One goal is to provide students with the ability to use their knowledge of psychology to meet the complex challenges of this century as engaged citizens in their local and global communities. An additional goal is to help all of our students to achieve personal growth through the increased understanding of the topic. Topics included in the semester include the: Brain, Nature v. Nurture, Development, Learning, Memory, Stress, Personality, Disorders, and Social Psychology. Activities and assessments are directed through the Psychology Department at Southwest Minnesota State University in Marshall, Minnesota.

**Topics and Problems in World History Turbulent 60's (CIS) UMM** **#156** **Semester**
Prerequisites: Qualify under CIS / PSEO guidelines
Length of Course: one semester
Credit: 1 credit
Available to Grades: 11 – 12
Description: This course will look at the different social and political issues that were at the forefront during the 1960's. Specific topics would include: political assassinations, Vietnam, Peace Movement, music, the Kennedy family, Civil Rights, and the Bay of Pigs/Cuban Missile Crisis. Students will be expected to write papers, be involved in discussions, and investigate the past. Periodic assessments will be given throughout the course. This is a semester course through the University of Minnesota-Morris. Grades will accumulate throughout the semester rather than have two quarter grades averaged.

# WORLD LANGUAGES

**Year Long Courses**
Spanish I
Spanish II
Spanish III (College Credit Option)
Spanish IV (College Credit Option)
Independent Studies in Spanish

## BENEFITS of taking Foreign Languages in High School:

- Learn another language and obtain another point of view of English, which helps you score higher on college entrance exams.
- Develop knowledge and appreciation of cultural diversity and communication skills.
- Many colleges and universities look for completion of two consecutive years of a second language as an admission requirement.

**Spanish I** **#250 Full Year**
Prerequisites: a C or better in English 8 and Spanish 8 block, or permission from the instructor
Length of Course: one year
Credit: 1 credit
Available to Grades: 9 – 12 .
Description: ¡Olé! Come and speak español! Do you desire to be competitive in the global economy? Do you want to broaden your perspectives? Would you like to know how to order lunch on your next vacation to the Mexican Riviera? Spanish may be the class for you. This is an interactive class. We use skits, games, conversation and song to help learn the basics of communication in another language. Our primary focus is on high frequency vocabulary and the present tense.

**Spanish II** **#251 Full Year**
Prerequisites: a passing grade in Spanish I
Length of Course: one year
Credit: 1 credit
Available to Grades: 10 – 12
Description ¡Vamos a continuar! Now that you have developed a basic understanding of the fundamentals of Spanish, it is time to broaden your horizons. Expand your vocabulary repertoire! Communicate with native speakers on practiced topics. Learn how to negotiate a great deal! Describe in the past to tell everyone what you did on your vacation. Examine issues facing Spanish speakers in our country today. Prepare for college entrance requirements. ¡Nos vamos a divirtir mucho!

**Spanish III** **M State** **# 252 Full Year**
Prerequisite: A passing grade in Spanish II or permission from the instructor, ACCUPLACER exam
(Some native Spanish speakers may qualify for this course without taking Spanish I and II, see the instructor for more information.)

Length of Course: one year (three days a week, the other two days are supervised independent work time)
Credit: 1 credit (students can opt to take this class for high school credit **and/or** college credit through M State)
Available to Grades: 11 - 12
Description: This is a college level course offered by Morris Area High School through the Concurrent Enrollment Program at Minnesota State Community and Technical College – M State. This course is the first semester of Intermediate Spanish. Students will develop reading, writing, listening and speaking fluency at the intermediate mid-level on the ACTFUL scale. Grammar and vocabulary from earlier Spanish courses are thoroughly reviewed during first semester. Course competencies are as follows:

- ✓ Demonstrate expressive communication skills in Spanish in the simple and perfect tenses of the indicative mood and the present tense of the subjunctive mood, including affirmative, negative and interrogative sentence types.
- ✓ Demonstrate receptive communication skills in Spanish in the simple and perfect tenses of the indicative mood and the present tense of the subjunctive mood, including affirmative, negative and interrogative sentence types.
- ✓ Create original oral works in Spanish.
- ✓ Contrast word choice appropriate to distinct audiences in Spanish through specific vocabulary choices and grammatical constructs.
- ✓ Interact with classmates, instructors and native speakers in Spanish to facilitate communication.
- ✓ Express personal themes orally and in writing in Spanish.
- ✓ Compare the experience and contributions of Hispanics in society and culture.

**Spanish IV (Spanish IV is offered during the same class period as Spanish III)**
Prerequisite: A passing grade in Spanish II or permission from the instructor*, ACCUPLACER exam
Length of Course: one year (three days a week, the other two days are independent work time)
Credit: 1 credit (students can opt to take this class for high school **and/or** college credit through M State)
Available to Grades: 9-12
Description: This is a college level course offered by Morris Area High School through the Concurrent Enrollment Program at Minnesota Sate Community and Technical College – M State. This course is the second semester of College Intermediate Spanish. Students continue to hone their reading, writing, listening and speaking through a focus on historical, political, cultural and artistic expressions of the Spanish-speaking world. Grammar from Intermediate Spanish III is further developed to include the simple and perfect tenses of the indicative and subjunctive moods. Students investigate the development of science and technology on various aspects of the Spanish-speaking world.

- ✓ Demonstrate expressive communication skills in Spanish in the simple and perfect tenses of the indicative and subjunctive moods, including affirmative, negative, interrogative and imperative sentence types.
- ✓ Demonstrate receptive communication skills in Spanish in the simple and perfect tenses of the indicative and subjunctive moods, including affirmative, negative, interrogative and imperative sentence types.
- ✓ Create original oral and written work in Spanish.
- ✓ Contrast word choice appropriate to distinct audiences in Spanish through specific vocabulary choices and grammatical constructs.
- ✓ Express personal themes orally and in writing in Spanish.
- ✓ Dialogue with the instructor in Spanish to facilitate communication.

**Independent Studies in Spanish**
Prerequisite: Permission from the instructor
Length of Course: one semester (can be taken more than once)
Credit: .5 credit
Available to Grades: 9-12
Description: This course is designed for **students who can demonstrate a working oral proficiency in Spanish at an intermediate high level on the ACTFL scale** and want to improve their reading and writing skills. This class will be self-directed and will include online activities, literary selections and research writing. In addition, students will have the opportunity to develop interpreting and translating skills. A written plan of study will be developed for each individual based on their needs and goals.

# Learner Options

There is more than one way to earn credit towards a high school diploma. We highly encourage the traditional high school approach, since it not only emphasizes educational content, but also character education. For more information on any of the options listed below, please contact the high school office.

**College In The School**

MAHS provides several College course offerings within our school. Within these offerings are several College English classes, Spanish, Psychology, PreCalculus. All of these offerings will earn MAHS credit as well as college credit.

**G.E.D.**

The General Education Development testing is available through Morris Area Community Education. Four tests must be passed in Math, Science, Social Studies, Reading and Writing. Generally students are not permitted to take the GED until their class graduates; waivers may be obtained under certain circumstances. Contact your school counselor for more information Adult Basic Education classes are available to prepare for the exams. Contact Community Education Director at 589-4394 for information on either program.

**PSEO - Post Secondary Enrollment Option**

According to Minnesota State Statutes, juniors in the upper one-third and seniors in the upper half of their class are permitted to take classes at post-secondary institutions. Students must, however, meet the specific criteria of the colleges for which they are applying. The student and a parent must meet with the principal and licensed school counselor to discuss the program and file the necessary forms by April 15.

**Credit Recovery**

**Available to Grades: 7 -12**

MAHS offers a variety of credit recovery courses via the Plato program. Students needing credit recovery will work with the school counselor or school principal during the registration process to fit in courses as needed with the credit recovery coordinator. Credit Recovery is offered only during summer school. Students not taking summer school in need of credit recovery will be placed in the required course the next school year.

# Grade 8
# REGISTRATION

**8 English** **#376** **Full Year**
Students will study literature including short stories, poetry, and novels. English 8 also involves various forms of writing including reflection, creative, and essays. A book analysis of an independently selected book is required each quarter.

**8 Algebra** **#378** **Full Year**
Topics include whole numbers, decimals, number theory, fractions, solving equations, geometry, ratio, percent, measurement, area, integers, rational numbers, probability and statistics, real numbers and trigonometry. Prerequisite: complete 7th grade math with a passing grade.

**8 Geography** **#375** **Full Year**

This course includes a study of the world's regions and cultures. Students will understand regions of the world in terms of location, resources, people, cultures and physical features, and how they are interconnected.

**8 Earth Science** **#379** **Full Year**
This science course explores rocks and minerals, weather, oceans, landforms, space studies, environmental issues, and geologic history.

**8 Health** **#380** **Full Year**
The course covers the health educational standard relating to the consequences of tobacco, alcohol and drug use, the effects of communicable diseases and responsible behaviors in nutritional choices and physical fitness, mental, emotional and social health, as well as, other risky behaviors. This class meets the MN Health standard

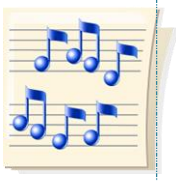
**8 Physical Education** **#381** **Full Year**
Physical education puts an emphasis on individual, team, dual and lifetime sports activities. Skill, form, and written tests are given. Student will have their fitness level tested. They will evaluate their fitness level, create a program to strengthen their weaknesses and log activities done over a period of time. In the spring they will have their fitness level retested and analyze their progress. This class meets the Minnesota Physical Education Standard. Physical Education meets on an every other day schedule. Students will take Health on the non-PE days.

**8 Choir** **#383 Boys** **#382 Girls** **Full Year**
8th Grade choir is for those students who enjoy singing and want to learn more about their voice. Males and females will rehearse separately but sometimes perform a common piece. Students will be asked to participate in a variety of singing activities that will develop their voice in a healthy manner. This group is required to perform 3- 4 concerts every year. A variety of music and styles is selected by the director. Students will take part in large group rehearsals. **Students can take both Band and Choir if they choose.**

**8 Music Appreciation Class** **Full Year**
In this class we will take a historical approach to music in America and around the World. This class will spend more time with styles of music not done as often in school including: Rock, Jazz, Rap, Blues, and Country. We will compose our own music, arrange music on computers, build instruments, and learn how to think like a musician. We may learn Ukulele/Guitar as well as Bucket Percussion. We will do music theory and talk about the importance of music in our world today. *This interactive class will not have out of school performances/concerts so anyone can join.

**8 Tiger Band** **#386** **Full Year**

This band will perform music of various styles at three to four required concerts. Each student will be required to attend lessons in order to continue developing technical skills on their instruments. Must have finished 5th and 6th grade band or administrative approval.



**Both Tiger Band and Choir** can be taken with students alternating days between the two – sign up for **Tiger Band #387** and **Choir #384** for girls or **Tiger Band #387** and Choir **#385 for boys.**

**Junior High Jazz** **#358** **Full Year**

**Any 7th and 8th grade band member – 1 morning a week.**

**8 Block**

The 8th grade vocational Block consists of 7 weeks each of the following 5 courses. Exposure to these five areas helps students become aware of elective choices in their senior high years and helps students become aware of related careers and occupations.

**Agriculture -** How that that burger get in your bun? This course will introduce America's food supply and how it makes it on your plate! Students will learn about beef, dairy, poultry, swine, and sheep production. They will also look at the crop production side of agriculture and learn about different MN commodities, and take a close look at corn and soybeans! Food Science labs will also be introduced. This block will introduce students to many different areas of the Agriculture Program at MAHS and give them an understanding of food production in Minnesota.

**Art -** 8th grade art block emphasizes the principles of art and design and utilizing the design elements. A self -reflective idea sequence and subsequence drawing will be created. Other projects created will be weekly sketch assignments, one point perspective, and press mold clay vessel or sculpture. Watercolor painting may also be done time permitting. Native American culture will be visited with a dream catcher project as a filler while the clay mugs are drying and being fired.

**Family and Consumer Science 8 -** Students will be introduced to clothing care and sewing techniques. Students will learn about laundry, sewing on a button, hand sewing stitches, sewing machine operation, and will construct a pair of shorts. Students pay for the fabric and materials for their shorts.

**Computers -** Students will learn advanced Microsoft Word, PowerPoint, and Excel applications. Professional business communication skills will be covered including technical writing.

**Spanish 8 -** This is a great way to get a feel for language learning and acquire some useful phrases in Spanish. With a variety of games and interactive activities you will learn to express yourself on a variety of subjects and create a Spanish poster all about YOU. The benefits of language learning, cultures of Spanish speaking peoples and study strategies you learn in this class will benefit you in your future studies as well. Vamos a hablar Español! Es divertido. (We are going to speak Spanish. It's fun.)

# Grade 7
# REGISTRATION

## SEVENTH GRADE COURSE DESCRIPTIONS

**7 English** **#351** **Full Year**

In English 7 various forms of literature are studied. Students read a variety of poems, short stories, and novels. Students are introduced to the media center and reference materials. Students may have interdisciplinary assignments with regard to science and history. Students study principles of grammar, usage, punctuation and written composition. A variety of assessments, both individually and in groups, will be used to express learned materials.
Study Skills to be taught: library research and listening skills.

**7 Math** **#352** **Full Year**

This course progressively develops important mathematical topics, including whole numbers, fractions, measurement, percent, proportion, statistics, probability, geometry, logical reasoning and pre-algebra. It is a course that will develop thinking and reasoning skills that are needed to help solve problems encountered in everyday life. Successful completion of the course is required for promotion to 8 Algebra. Study Skills to be taught: organization and daily assignment books.

**7 American History** **#350** **Full Year**

This course covers the time span from American Colonialism to the modern day. A wide variety of activities and assignments will be used to examine the past. Since history is a social science, teamwork, leadership and project management will also be practiced. Understanding historical events from multiple perspectives, accessing information from a wide variety of sources, supporting an opinion and creatively expressing historical ideas are a few of the concepts that will be dealt with in American History.
Study Skills to be taught: SQ3R and highlighting text, Cornell note taking, outlining and essay test composition.

**7 Life Science** **#353** **Full Year**

This science course will cover the scientific method, inquiry and student experiment, cell structures and organization, plants, sexual reproduction and genetics, animal tissue and organ systems organizations; protists, fungi, and bacteria. All students participate in the science fair.

**7 Physical Education** **#354** **Full Year**

Physical education puts an emphasis on individual, team, dual, and lifetime sport activities. Skill, form and written tests are given. Each student will have their fitness level tested. They will evaluate their fitness level, create a program to strengthen their weaknesses and log activities done over a period of time. In the spring they will have their fitness level retested and analyze their progress. Physical Education meets on an every other day schedule. Students will be assigned to a Study Hall on the non-Physical Education days. Meets the MN Physical Education standard.

**7 Choir** **#359 Girls** **#357 Boys** **Full Year**

7th Grade choir is for those students who enjoy singing and want to learn more about their voice. Males and females will rehearse separately but sometimes perform a common piece. Students will be asked to participate in a variety of singing activities that will develop their voice in a healthy manner. This group is required to perform 3- 4 concerts every year. A variety of music and styles is selected by the director. Students will take part in large group rehearsals. Students will take

part in large group rehearsals**. Students can take both Band and Choir if they choose.**

**7 Music Appreciation Class** **Full Year**
In this class we will take a historical approach to music in America and around the World. This class will spend more time with styles of music not done as often in school including: Rock, Jazz, Rap, Blues, and Country. We will compose our own music, arrange music on computers, build instruments, and learn how to think like a musician. We may learn Ukulele/Guitar as well as Bucket Percussion. We will do music theory and talk about the importance of music in our world today. *This interactive class will not have out of school performances/concerts so anyone can join.

**7 Tiger Band** **#367** **Full Year**
This band will perform music of various styles at three to four required concerts. Each student will be required to attend lessons in order to continue developing technical skills on their instruments. Must have finished 5th and 6th grade band or administrative approval.

**Both Tiger Band and Choir** can be taken with students alternating days between the two – sign up for **Tiger Band #368** and **Choir #355 for girls** and **Tiger Band #368** and **Choir #356 for boys**.

**Junior High Jazz** **#358** **Full Year**
**Any 7th and 8th grade band member – 1 morning a week.**

**7 Block -** all seventh graders will have a chance to explore five content areas, each for a quarter. Exposure to these five areas helps students become aware of possible elective choices in their senior high years and helps students become attentive to related careers and occupations.

**7 Art –** 7th grade block emphasizes the elements of art and design focusing on line, shape, texture, form, color and value creating a pop art mixed media drawing using oil pastel and watercolor. Other projects created include color mixing, a creative color wheel painting, clay sculpture, formed and themed slab bowl, weekly sketch assignments relating to use of basic shapes, "how to" sequences to create more complex animals and form.

**7 Family and Consumer Science -** Students will explore nutrition, kitchen basics, food preparation, babysitting practices, caring for the young child, and home design. This block is designed as an exploratory course to expose students to all of the FACS electives available to them upon entering high school.

**7 Computer -** Students will focus on keyboarding skills while also using Microsoft Word and PowerPoint. File management will be covered as well.

**7 Speech –** Students will learn the basics of the communication process in listening, group work, and formal and informal public speaking presentations. Becoming more comfortable with organizing thought to present orally is the focus of the class.

**7 Tech -** 7th Grade Tech gives students the opportunity to have a hands-on learning environment. The students will design, build and race CO2 dragsters. They will also put themselves in an engineer's shoes and design, build and test oil rigs. This class is a fun interactive way for students to learn and develop skills in technology education.