



Freshman Registration Book

Mitchell High School

2012-2013

The complete registration book can be viewed at
<http://www.mitchellschools.org/mhs/>

Class of 2016

Registration Steps

1. **Attend** registration presentation.
2. **Discuss** options with parents, teachers, and counselors.
3. **Review** new graduation programs.
3. **Select** classes carefully – do not expect schedule changes after registration is completed.
4. **Get** signatures from parent, Language Arts teacher, and Math teacher.
5. Plan for the long term....complete your 4 year PLP.
6. **Complete** registration by **Feb 13, 2012**

Please remember – you must repeat any required classes you fail. Students at MHS do not fail grades, i.e., 9th, 10th, 11th, 12th, but they may delay receiving certain privileges such as open lunch, open hour, prom attendance, graduation, etc because of a lack of credits.

Name _____

Graduation Requirements 2014-2016 – Personal Learning Plan

English (4 Credits)

(9th) English I

(10th) English II/HonEng II

() Speech/Debate

(11th) English III/Hon Eng. III

(12th) English Elective

24 Credits are needed for Graduation

= ½ credit

_____ = waived option

Intended Career- _____

Science (3 Credits)*

(9th) Physical Science

(10th) Biology

(11th) Chem/H.Chem/Physics

Math (3 Credits) **

() Algebra/Int. Alg

() Geom/Int. Geom/Hon

() Alg II/Int. AlgII/Hon

Social Studies (3 Credits)

(9th) Civics

(9th- 10th) Geography

(10th) World History Ancient or Modern

(11th) US History/AP

(12th) American Government

Required Electives (2.5 Credits)

() Computer Class

() Pers. Finance/Econ

() Fine Arts

(9th) Physical Ed.

*Chemistry **or** Physics may be waived and replaced by another science - parent/administrator approval

Geometry **or Algebra II may be waived and replaced by another math – parent/administrator approval

Electives			
9 th Grade	10 th Grade	11 th Grade	12 th Grade

Projected 4 Year Learning Plan

Speech/Debate; Personal Finance; Computer Class; Fine Arts= Need to be included in Plan

Freshman Year		Sophomore Year	
1 st Semester	2 nd Semester	1 st Semester	2 nd Semester
1. English I	1. English I	1. English II/ Hon. Eng II	1. English II/Hon Eng II
2. Physical Science	2. Physical Science	2. Biology	2. Biology
3. Civics	3. PE	3. Geography	3. World History
4. Math Option	4. Math Option	4. Math Option	4. Math Option
5.	5.	5.	5.
6.	6.	6.	6.
7.	7.	7.	7.

Junior Year		Senior Year	
1 st Semester	2 nd Semester	1 st Semester	2 nd Semester
1. English III/Hon. Eng III	1. English III/Hon.Eng III	1. English Elective *	1.
2. US History/AP History	2. US History/AP History	2. American Gov 't*	2.
3. Math Option	3.Math Option	3.	3.
4.Science Option	4. Science Option	4.	4.
5.	5.	5.	5.
6.	6.	6.	6.
7.	7.	7.	7.

Standardized Test Scores-

SDMyLife – Career Interest	SDMyLife – Ability Profiler	Dakota Step	PLAN	PSAT	ACT

Interests/Hobbies-

Post Secondary Plans

My Intended Career _____

Scholarship/Academic Considerations-

1. World Language (2 year) or CTE * _____ / _____ / _____ / _____

2. Science - _____

3.Math- _____

*Note: World Language is not required for SD Oppt. Scholarship. Can be replaced by 2 credits of Career and Technical Education classes.

Quick Reference Course Listing 2012-2013

Agricultural Education-

COURSE-	COURSE #	CREDITS-	OFFERED	OPEN TO
Intro to Food, Animal Sci, and Nat. Sci	8101 & 8102	1 credit	Year	Grades 9,10,11,12
Leadership and Development	8130	.5 credit	Semester	Grades 9,10,11,12
Wildlife and Fisheries	8440	.5 credit	Semester	Grades 10, 11, 12
Welding Tech I	8420	.5 credit	Semester	Grades 10,11,12
Welding for Gals-offered on a rotational basis	8421	.5 credit	Semester	Grades 9,10,11,12
Ag Power Technology	8214	.5 credit	Semester	Grades 10,11,12
Horticulture and Landscape Design	8216	.5 credit	Semester	Grades 10,11,12
Agribusiness Entrepreneurship	8305	.5 credit	Semester	Grades 11,12

Business -

COURSE-	COURSE #	CREDITS	OFFERED	OPEN TO:
Intro to Business	7125	.5 credit	Semester	Grades 9,10,11,12
Personal Finance	7126	.5 credit	Semester	Grades 9,10,11,12 Required
Accounting I	7242 & 7243	1 credit	Year	Grades 10,11,12
Accounting II	7340 & 7341	1 credit	Year	Grades 11,12
Accounting Computer Applications	7342	.5 credit	Semester	Grades 11,12
Economics	7245	.5 credit	Semester	Grades 11,12
Practical Law	7248	.5 credit	Semester	Grades 11,12
Adventures in Small Business	7320	.5 credit	Semester	Grades 11,12

Computer Science -

Course	Course #	Credits	Offered	Open To
Computer Programming I	5310	.5 credit	Semester	Grades 10,11,12
Computer Programming II	5410	.5 credit	Semester	Grades 10,11,12
Computer Applications I	5600	.5 credit	Semester	Grades 9,10,11,12
Computer Applications II	5610	.5 credit	Semester	Grades 9,10,11,12
Computer Applications III * Dual Credit	5620	.5 credit	Semester	Grades 10,11,12
Information Technology Essentials	5700 & 5710	1 credit	Year	Grades 11,12
Business Computer Applications I	7236	.5 credit	Semester	Grades 9,10,11,12

English -

COURSE	Course #	CREDITS	OFFERED	OPEN TO
Debate I	1170	.5 credit	Semester	Grades 9,10,11,12
Team Debate	1190 & 1191	1 credit	Year	Grades 10,11,12
English I	1201 & 1202	1 credit	Year	Grade 9 Required
English II or Honors English II	1220 & 1221 or 1222 & 1223	1 credit	Year	Grade 10 Required
Encounters w/Literature	1225	.5 credit	Semester	Grade 10,11,12
Drama	1270	.5 credit	Semester	Grades 10,11,12
Speech I	1280	.5 credit	Semester	Grade 9,10,11,12
English III or Honors English III	1315 & 1316 or 1320 & 1321	1 credit	Year	Grade 11 Required
Shakespeare	1337	.5 credit	Semester	10,11,12
Technical Writing	1328	.5 credit	Semester	Grades 10,11,12

Newspaper	1261 & 1262	1 credit	Year	Grades 10,11,12
Creative Writing- <i>NOT OFFERED THIS YEAR</i>		.5 credit	Semester	Grades 10,11,12
Novels - <i>NOT OFFERED THIS YEAR</i>		.5 credit	Semester	Grades 10,11,12
Yearbook	1360 & 1361	1 credit	Year	Grades 10,11,12
Advanced Placement English	1421 & 1422	1 credit	Year	Grades 12
Reading for the Future	1455 & 1456	1 credit	Year	Grades 9,10,11,12
Reading for the Future II	1460 & 1461	1 credit	Year	Grades 10,11,12

Art

COURSE	COURSE #	CREDITS	OFFERED	OPEN TO
Introduction to Art	6250	.5 credit	Semester	Grades 9,10,11,12
Pottery	6255	.5 credit	Semester	Grades 9,10,11,12
Crafts	6260	.5 credit	Semester	Grades 9,10,11,12
Drawing	6265	.5 credit	Semester	Grades 9,10,11,12
Graphic Design	6270	.5 credit	Semester	Grades 10,11,12
Painting	6275	.5 credit	Semester	Grades 9,10,11,12
Photography	6285	.5 credit	Semester	Grades 9,10,11,12
Advanced Painting	6280	.5 credit	Semester	Grades 11,12
Sculpture	6355	.5 credit	Semester	Grades 9,10,11,12
Advanced Art Studio * - Dual Credit	6475	.5 credit	Semester	Grades 11,12

Music Instrumental

COURSE	COURSE #	CREDITS	OFFERED	OPEN TO
Marching Band	6101	.5 credit	Semester	Grades 9, 10, 11, 12
Wind Ensemble	6103	.5 credit	Semester	Grades 10, 11, 12
Concert Band	6104	.5 credit	Semester	Grades 9, 10,
Color Guard	6105	.5 credit	Semester	Grades 9, 10, 11, 12

Music – Vocal

COURSE	Course #	CREDITS	OFFERED	OPEN TO
Prep Choir	6111 & 6112	1 credit	Year	Grade 9, 10
Concert Choir	6311 & 6312	1 credit	Year	Grades 11,12(10 th Boys)
Music Theory	6315	.5 credit	Semester	Grades 10,11,12

World Language

Course	COURSE #	Credits	Offered	Open To:
Spanish I	8136 & 8137	1 credit	Year	Grades 9,10,11,12
Spanish II	8236 & 8237	1 credit	Year	Grades 9,10,11,12
Spanish III	8336 & 8337	1 credit	Year	Grades 10,11,12
Spanish IV	8436 & 8437	1 credit	Year	Grade 11,12
AP Spanish	8536 & 8537	1 credit	Year	Grade 12

Family and Consumer Science

COURSE – CTE Classes	COURSE #	CREDITS	OFFERED	OPEN TO
Interior Design	8240	.5 credit	Semester	Grades 9,10,11,12
Human Development- Adolescent To Adult	8242	.5 credit	Semester	Grades 9,10,11,12
Skills for Parenting	8244	.5 credit	Semester	Grades 9,10,11,12
Nutrition and Wellness	8246	.5 credit	Semester	Grades 9,10,11,12
Dietetics and Nutrition	8247	.5 credit	Semester	Grades 11 & 12
Consumer Services and Prod. Dev.	8248	.5 credit	Semester	Grades 9,10,11,12
Human Development – Infant to Pre-school	8251	.5 credit	Semester	Grades 9,10,11,12
Culinary Arts I – ProStart I	8250	1 credit	Semester	Grades 10,11,12
Culinary Arts II – ProStart II	8252	1 credit	Semester	Grades 10,11,12
Culinary Arts Internship – ProStart Int.	8253	1 credit	Semester	Grades 11,12

*(2 periods, 1st semester)

** (2 periods, 2nd semester)

Math

COURSE	COURSE #	CREDITS	OFFERED	OPEN TO
Algebra I	2128 & 2129	1 credit	Year	See course description

Geometry	2225 & 2226	1 credit	Year	See course description
Honors Geometry	2227 & 2228	1 credit	Year	See course description
Algebra II	2301 & 2302	1 credit	Year	See course description
Honors Algebra II	2303 & 2304	1 credit	Year	See course description
Algebra III	2433 & 2434	1 credit	Year	See course description
Pre-Calculus and Discrete Math	2431 & 2432	1 credit	Year	See course description
AP Statistics	2416 & 2417	1 credit	Year	See course description
AP Calculus	2440 & 2442	1 credit	Year	Grade 12
Integrated Pre-Algebra	2211 & 2212	1 credit	Year	See course description
Integrated Algebra I	2311 & 2312	1 credit	Year	See course description
Integrated Geometry	2411 & 2412	1 credit	Year	See course description
Integrated Algebra II	2415 & 2416	1 credit	Year	See course description
Consumer Math	2405 & 2410	1 credit	Year	Grade 12

Physical Education

COURSE	COURSE #	CREDITS	OFFERED	OPEN TO
Team PE Activities	9350	.5 credit	Fall Semester	Grades 9,10,11,12
Individual PE Activities	9355	.5 credit	Spring Semester	Grades 9,10,11,12
Weight Lifting PE Activities	9360	.5 credit	Semester	Grades 9,10,11,12

Health

COURSE	Course #	CREDIT	OFFERED	OPEN TO
Health Occupations	9300	.5 credit	Semester	Grades 9,10,11,12
Intro to Sports Medicine	9330	.5 credit	Semester	Grades 11,12
Survey of Health	9333	.5 credit	Semester	Grades 10, 11,12

Science

COURSE	Course #	CREDITS	OFFERED	OPEN TO
Physical Science	3101 & 3102	1 credit	Year	Grade 9 Required
Biology	3203 & 3204	1 credit	Year	Grade 10 Required
Environmental Science	3160 & 3161	1 credit	Year	Grades 9,10,11,12
Chemistry	3300 & 3301	1 credit	Year	Grades 11,12
Honors Chemistry	3311 & 3312	1 credit	Year	Grades 11,12 (10 th by Teacher recommendation)
Advanced Honors Chemistry	3313	.5 credit	Semester	Grades 11,12
Physics	3410 & 3411	1 credit	Year	Grades 11,12
Advanced Biology* Dual Credit	3415 & 3416	1 credit	Year	Grades 11,12

Social Science

COURSE	Course #	CREDITS	OFFERED	OPEN TO
Civics	4100	.5 credit	Semester	Grade 9 Required
Geography	4105	.5 credit	Semester	Grade 10 Required
World History: Ancient Or World History: Modern	4210 or 4215	.5 credit	Semester	Grades 10,11,12 Required
U.S. History A & B	4300 & 4301	1 credit	Year	Grade 11 Required
AP U.S. History * Dual Credit	4305 & 4306	1 credit	Year	Grade 11,12
Psychology	4310	.5 credit	Semester	Grades 10,11,12
Sociology	4315	.5 credit	Semester	Grades 11,12
American Government	4400	.5 credit	Semester	Grade 12 Required
AP American Government	4402 & 4404	1 credit	Year	Grade 12 –Replaces 4400
Critical Issues	4405	.5 credit	Semester	Grade 12
Psychology Today	4545	.5 credit	Semester	Grades 10,11,12

Technical

COURSE	COURSE #	CREDITS	OFFERED	OPEN TO
Careers I	7265	.5 credit	Semester	Grade 9, 10
General Service Tech I (Intro to Auto)	7200	.5 credit	Semester	Grades 9,10,11,12
General Service Tech II	7210	.5 credit	Semester	Grades 10,11,12
Auto for Gals- Rotational Basis				
Automotive Brakes**	7372	1 credit	Semester	Grades 10,11,12
Auto Electrical & Electronics**	7370	1 credit	Semester	Grades 10,11,12
Automotive Engines **	7371	1 credit	Semester	Grades 10,11,12
Auto. Steering and Suspension**	Not offered	1 credit	Semester	Grades 10,11,12
Welding Tech I	8420	.5 credit	Semester	Grades 9,10,11,12
Welding for GALS – Rotational Basis	8421	.5 credit	Semester	Grades 9,10,11,12
Welding Tech II	7386	.5 credit	Semester	Grades 9,10,11,12
Welding Tech III	7387	.5 credit	Semester	Grades 9,10, 11,12
Welding Tech IV	7486	.5 credit	Semester	Grades 9,10,11,12
Youth Internship – World of Work***	9455 & 9456	2 credits- Covers 2 blocks	Year	Grades 11,12
Ag Structures	8171	.5 credit	Semester	Grades 9,10,11,12
Adv. Ag Structures	8182	.5 credit	Semester	Grades 9,10,11,12
Introduction to Drafting	8176	.5 credit	Semester	Grades, 9,10,11,12
Introduction to CAD (Comp. Aided Draft)	8178	.5 credit	Semester	Grades 9,10,11,12
CAD II (Computer Aided Drafting)	8180	1 credit	Year	Grades 10,11,12

Mitchell CTE Academy

Principles of Biomedical Sciences	9001 & 9002	1 credit	Year	Grades 11 & 12 (10 th graders with permission)
Nutrition and Wellness	8246	.5 credit	Semester	Grades 9-12
Dietetics and Nutrition****	8247	.5 credit	Semester	Grades 11 & 12
Culinary Arts – ProStart I	8250	1 credit	Semester	Grades 10 - 12
Culinary Arts – ProStart II	8252	1 credit	Semester	Grades 10-12
Culinary Arts – ProStart Internship	8253	1 credit	Semester	Grades 11&12
Welding Tech I	8420	.5 credit	Semester	Grades 9 - 12
Welding for Gals	8421	.5 credit	Semester	Grades 9-12
Welding Tech II	7386	.5 credit	Semester	Grades 9 -12
Welding Tech III- ****	7387	.5 credit	Semester	Grades 10 - 12
Welding Tech IV	7486	.5 credit	Semester	Grades 10 - 12

* Dual Credit through Rising Scholars Program – Northern State University

** 2 blocks per semester (1 block on Gold and 1 block on Black) ;

***2 blocks each semester (consecutive blocks)

****Dual Credit through Mitchell Technical Institute

You need

6 credits to be considered a 10th grader
 12 credits to be considered a 11th grader
 18 credits to be considered a 12th grader.

Auto classes will be offered on a rotational basis. Auto Steering and Suspension will not be offered 2012-2013.

AGRICULTURAL EDUCATION

Intro to Food, Animal Science, and Natural Science 1 credit Year Grades 9,10,11,12
8101 & 8102

This course is designed primarily for new students in grades 9 and 10 but open to all of the student body.

The purpose of the course is to serve as an introduction to the world of agriculture and many of its 300 career opportunities. Students will have the opportunity to gain knowledge and skills in these areas-

- Food Science – creating food products involving meats, dairy products, and plants
- Companion Animals – explore the care and health of animals such as dogs, cats, and horses
- Beginning woodworking – create a wood project approved by instructor
- Youth Activities – explore many student activities and contests offered by the National FFA organization.

Leadership and Personal Development .5 credit Semester Grade 9,10,11,12
8130

This course offers the opportunity for students who enjoy being part of student leadership organizations or would like to serve as a leader in government, business and community organizations. Students would gain skills in writing and speaking as well as business skills. The course projects include but are not limited to

- Communications (advertising and journalism)
- Parliamentary procedure (conducting and managing meetings)
- Sales and marketing (performing business salesmanship skills)
- Exploring Community Issues (debate and presenting critical issues)
- Job interviewing and career preparation

Students would be able to work individually and in group presentations as well as work with the community on local issues.

Welding Tech I .5 credit Year Grades 9,10,11,12
8420

Students will learn Oxy Acetylene (gas), Arc (stick), and MIG (wire feed) welding. Oxy-acetylene and plasma cutting will also be used. Students will have time for small projects in this class upon successful completion of assigned welds. Welding safety and blueprint reading will be covered in all welding classes.

BUSINESS

Intro to Business .5 credit Semester Grade 9,10,11,12
7125

This course is an introduction to basic business and economy theory. This includes basic economic concepts. The students will also do packets on personal and family budgeting, checking accounts, saving, investing, and borrowing. Students create and develop a product and determine the appropriate business structure to market and sell their product. This course is a general introduction to business.

Personal Finance .5 credit Semester Grade 9-12 (Required)
7126

This course is a study of finance and financial institutions. Credit and the use of credit are studied along with all areas of saving and investing. The students will follow the stock and bond market. Many aspects of financial management and personal finance will be researched and investigated.

COMPUTER SCIENCE

Computer Applications I .5 credit Semester Grades 9,10,11,12
5600

In this course students will be exposed to a variety of computer technology available in an ever-changing technological society. Applications taught include but are not limited to Apple's Pages (WP, Page Layout, SS) MicroWords, EX Project Builder (Graphical Programming) HyperStudio (Multi-media Presentation Software), MS Office (Word, Excel), Adobe DreamWeaver,(Website Design), Photoshop (photo touch-up

and optimization), and iPhoto (Digital Slideshows). Additional training will include the use of scanner technology, digital cameras, and the ability to edit and prepare images for the Internet.

Computer Applications II .5 credit Semester Grades 9,10,11,12
5610

Prerequisite: Computer Applications I. In this course students become webmasters using Adobe DreamWeaver to create and upload content to their websites throughout the semester. The use of Adobe FireWorks, Adobe Photoshop for image optimization and Adobe Flash to create vector based web animations. Students will learn to build storyboards, shoot, edit and create commercials using the iMovie 09 software package and author a finished product to DVD via Apple's iDVD. Students will also learn basic details about computers and the internal hardware, installation, and maintenance basics of computers. Throughout the course students will scan images and manipulate them with Adobe Photoshop. Students also learn to convert and mix music files in preparation for website use. All content is built into a student portfolio website that is published on the web and burned to a CD at the end of the semester.

Business Computer Applications I .5 credit Semester Grades 9,10,11,12
7236

This class emphasizes the use of the MS Word and MS PowerPoint applications in the MS Office Suite to do a wide variety of tasks including creating professional looking documents such as business letters, personal documents, and research papers, as well as instructional presentations. Upon completion of this course, students who wish to complete a MOUS certification test will have been given the necessary course training to prepare them for the test. By passing one or more Microsoft Office User Specialist (MOUS) certification exams, a student demonstrates his/her proficiency in a given Office XP application. Being Microsoft Officer User Specialist (MOUS) provides a valuable industry credential – proof that the student has Office application skills required by employers.

ENGLISH

Incoming Freshmen: Based on previous test scores and the results of the 8th grade Dakota Step test, students who score Basic or Below Basic in reading will be required to take Reading for the Future. Students will take this class in addition to their Freshman English class (English I).

English I 1 credit Year Grade 9 Required
1201 & 1202

Build a solid foundation for reading, writing, speaking, listening, and viewing skills. Learn to write grammatically correct sentences and apply them to compositions, reports, letters, and speeches. Learn the basics of research and note taking. Read and write about poetry, non-fiction, and short stories. Popular classics like Shakespeare's *Romeo and Juliet*, Harper Lee's *To Kill A Mockingbird*, and Homer's *The Odyssey* will be explored. A book report over a novel is required for each quarter.

Debate I .5 credit Semester Grades 9, 10, 11, 12
1170

Students will be required to obtain a signature from their most recent English teacher indicating that the teacher was consulted for their recommendation.

This class fulfills the speech requirement for graduation. Recommended for college bound students or as an advanced speech class. Debate teaches students the fundamentals of competitive debate. Students also are given the opportunity to participate in the positive, fun-filled experience of travel to inter-scholastic debate tournaments.

Speech .5 credit Semester Grades 9, 10, 11, 12
1280

Learn and practice the basics of successful public speaking in individual and group presentations. Build

informative and interesting speeches after formal library research. Learn to listen critically and evaluate constructively. Students must present five major speeches to earn credit. Students must present five major speeches to gain credit. A book report over a novel is required each quarter.

Reading for the Future | 1 credit Year Grades 9,10,11,12
1455 & 1456

Based on previous test scores and the results of the 8th grade Dakota Step test, students who score Basic or Below Basic in reading will be required to take the Reading for the Future class. Students will take this class in addition to their Freshman English class (English I).

This class is designed for students who need to become better readers. Emphasis will be on helping students increase their reading comprehension, as well as their reading speed. Basic reading skills such as topic sentence, main idea, reading in context, and inference, and techniques such as skimming and scanning for key information and following written directions will also be taught. Writing daily reading journals, and vocabulary development will be stressed.

ART

Introduction to Art .5 credit Semester Grades 9,10,11,12
6250

This class is a prerequisite to all other visual arts courses. Each unit will integrate art history, art criticism, aesthetics, and studio work. An emphasis is placed on the learning and application of the elements of design. Principles will be introduced. Student's performance is based on unit test scores, daily work, and production of artwork and sketchbook. Units include line, shape forms, space, color, texture, value, history, and criticism. The school will supply instructional tools and materials for this class. Students will be responsible for the cost of the project supplies.

Pottery .5 credit Semester Grades 9,10,11,12
6255

Prerequisite: Introduction to Art. This course deals with hand building techniques and throwing on the wheel (no poured ceramics). This course includes basic building techniques such as pinch, coil, slab, slump, and throwing on the wheel. Students will also have the opportunity to work with a variety of clays and experiment with different kinds of glazing and decorative techniques. Students will also have the opportunity to work with different firing techniques. Students will be evaluated on unit tests, daily work, participation and production of work. Art history, criticism, aesthetics as well as studio work will be integrated throughout the semester. The school will supply instructional tools and materials for this class. Students will be responsible for the cost of the projects.

Crafts .5 credit Semester Grades 9,10,11,12
6260

Prerequisite: Introduction to Art. Crafts is a studio course. Students will research and explore multicultural crafts. Units will include handmade paper, paper-mache', fiber arts, batik, tie-dye, glass etching, and various other projects. Each unit will be integrated with multicultural studies, art criticism, aesthetics and studio work. Students' performance will be based on daily work, creativity, and production of artwork. The school will supply instructional tools and materials for this class. Students will be responsible for the cost of the project supplies.

Drawing .5 credit Semester Grades 9,10,11,12
6265

Prerequisite: Introduction to Art. It is designed to give the students improved drawing skills by learning various drawing techniques. Students will review the elements of art and will study in depth the principles of art. Students will create works with artistic and personal expression. A variety of media will be covered, such as pencil, charcoal, pastel, markers and oil crayons. Pupils will learn to create many different drawing styles. Each unit will teach art history, art criticism, aesthetics and studio. Student's grade is based on studio activities, daily work, tests and production of artwork. Students will be responsible for the cost of the projects supplies

Painting .5 credit Semester Grades 9,10,11,12
6275

Prerequisite: Introduction to Art. Students will use watercolor and acrylic, and oil (if time permits) paints. This class will encourage creativity and will explore the styles and techniques common to each type of paint. Projects will include color theory, modern art, landscapes, still-life and abstract painting. Famous artists will be studied. Application of the elements and principles of design, art history, and criticism will be investigated. A student's performance will be evaluated on individual creativity, daily work, and completed paintings. The school will supply instructional tools and materials for this class. However, the student will be responsible for the cost of the project supplies.

Sculpture .5 credit Semester Grades 9,10,11,12
6355

Prerequisite: Introduction to Art. Sculpture is an art studio course. Students will research and explore the properties of three-dimensional design. Students will create original sculptures using a variety of mediums. Units will include paper mache sculpture, paper construction, plaster casting, woodcarving, clay modeling, jewelry making, and stained glass. Each unit will be integrated with art history, art criticism, aesthetics and studio. Students' performance will be based on daily work, creativity and production of artwork. This class will review the elements and principles of art. The school will supply instructional tools and materials for this class. Students will be responsible for the cost of the project supplies for projects they wish to keep.

MUSIC—Instrumental

Students in Marching Band are required to take Wind Ensemble or Concert band during the second semester. Membership in the senior high band program is open to all students with previous band experience. Students in Band are automatically in Marching Band. After Marching Band season, the band will be split into two groups. Students may take this class all four (4) years for credit.

Marching Band .5 credit Semester Grades 9,10,11,12
6101

- Meets before school and during 1st period on Black days
- Marches and or plays at all home football games (weather permitting)
- Participates in several marching contests, and
- Makes out-of town trips as the occasion demands

Color Guard .5 credit Semester Grades 9,10,11,12
6105

- This class is solely teacher/director taught, led, and supervised.
- The Color Guard is auditioned in the Spring. Training will be held prior to the auditions.
- Rehearsals for Color guard run in conjunction with the Marching Band schedule and continue every 1st Block through the end of first semester.
- Color Guard performs at home football games, weather permitting, and all scheduled Marching Band competitions, both local and out-of-town.
- At the end of the outdoor marching season, for the rest of 1st semester, the class is project based. Students will choose music, choreograph, and write a routine using their choice of Color Guard equipment. Performance of this routine will be the final exam.

Concert Band .5 credit Semester Grades 9,10
6104

Meets every other day during second semester. Instrumentation is unrestricted. This ensemble performs 3-4 times during the semester. A variety of music will be encountered including marches, symphonic orchestra transcriptions, and original concert band literature. Students must be in Marching Band 1st semester to participate in band 2nd semester. Auditions are held after marching season to determine chair placement

MUSIC–Vocal

Prep Choir 6111 & 6112	1 credit	Year	Grade 9,10
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Prep Choir meets a full period every other day throughout the year.

WORLD LANGUAGE

Spanish I 8136 & 8137	1 credit	Year	Grades 9,10,11,12
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Students learn basic Spanish grammar and develop skills in listening, speaking, reading and writing.

Students also learn about the Hispanic world and culture. Emphasis will be on basic skills.

Spanish II 8236 & 8237	1 credit	Year	Grades 9,10,11,12
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Spanish II is designed as a continuation of Spanish I. It extends the students' reading, writing, listening and speaking skills. Students review basic grammar and extend their knowledge of grammatical structures and expand their vocabulary. They will continue to experience the Hispanic culture through readings and various internet activities. Students earning an A or B in middle school Spanish should consider this course.

FAMILY & CONSUMER SCIENCE

***Interior Design may be used as a Fine Art credit.**

Interior Design 8240	.5 credit	Semester	Grades 9,10,11,12
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This class explores ideas and skills needed to furnish future living environments and/or improve your current situation. Student projects use personal creativity to design and decorate according to her/his personal values and needs. Major projects include selecting accessories, arranging furniture, designing and evaluating a floor plan, and planning and decorating a home.

Human Development – Adolescents - Adults 8242	.5 credit	Semester	Grade 9,10,11,12
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This class is designed to help students explore concepts related to relationships. This includes personality, leadership, communication, decision-making, relationships with family and friends and employers, etc., dating, sexuality, and lifestyle options. Major projects include writing a life philosophy.

Skills for Parenting 8244	.5 credit	Semester	Grades 9,10,11,12
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Skills for Parenting is a semester course designed to teach students skills necessary to use in a parenting role, whether that role is as a future parent, a child care worker, or a any career working with children. The topics covered will include living in and understanding families, rewards and responsibilities of parenthood, guidance and discipline, parenting styles, human reproduction, prenatal care, and birth. A major project includes Real-Care-Baby. Any student entering a career involving children, from pediatricians to teachers, should enroll in this course.

Nutrition and Wellness 8246	.5 credit	Semester	Grades 9,10,11,12
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Nutrition and Wellness is a semester course designed to make students aware of nutritional needs across the life cycle. Students will explore and gain knowledge related to nutrition concepts and food preparation principles that preserve the nutritional values of foods. This information will be applied to each of the five food groups in food preparation. Major projects include a dietary analysis and a guest meal. Students who take this class should enjoy cooking or be interested in learning to prepare food and like to eat and work in groups. Students interested in ProStart should take this class

Consumer Products and Services .5 credit Semester Grades 9,10,11,12
8248

Single Living is a semester course designed to help students develop management abilities in life skill areas. It is assumed that everyone will be on her/his own at some point, so the focus of the course is preparation to be on your own responsibly and economically. The main topics will include budgeting and credit; nutrition and wellness; apartment selection and furnishing; clothing care and basic repairs; buying a vehicle, and service projects. Guest speakers and field trips are used to complete some of the activities.

Human Development –Infant – Pre-School .5 credit Semester Grades 9,10,11,12
8251

Human Development is a semester course designed to teach students skills necessary to use in a parenting role or in a career working with children. Students will gain knowledge in the developmental stages of an infant, toddler, and preschooler and apply this knowledge when working with children. The first quarter involves coursework and the second quarter is primarily spent working at a supervised job site. Having your own transportation is desirable, but not required.

MATH

Algebra I 1 credit Year Grades 9,10,11,12
2128 & 2129

Prerequisites: Successful completion of eighth grade mathematics. Students will be required to obtain a **signature** from their most recent math teacher indicating that the teacher was consulted for their recommendation.

This first year course in Algebra integrates geometry, statistics, and probability into algebra concepts. Algebra is rich in applications and problem solving. Real-life situations provide the setting for practicing algebra skills. Students are expected to utilize current technologies. Scientific calculators are used throughout the course. Topics will include the basic operations viewed through algebra, lines and their properties, exponents and polynomials, systems, quadratics, and functions.

Geometry 1 credit Year Grades 9,10,11,12
2225 & 2226

Prerequisite: Successful completion (“C” or above) is recommended in Algebra I.

Students will be required to obtain a **signature** from their most recent math teacher indicating that the teacher was consulted for their recommendation.

Geometry is the foundation for mathematics required in all technical fields of study. Geometry stresses terminology and concepts of mathematics, as well as, playing a fundamental role in strengthening the concepts studied in Algebra. It uses coordinates and transformations in both two and three dimensions. It discusses networks, if-then statements, reflections, polygons, congruency, similarity, and introduces trigonometry. Geometry includes two column proofs and applications in logic and indirect reasoning. The students will be expected to read each lesson and have their assigned homework completed. The lessons have been constructed to combine gradual practice with a mastery learning approach and reinforced through review questions and succeeding lessons. Students will be expected to do *up to 3 hours* of homework per week.

Honors Geometry 1 credit Year Grades 9,10,11,12
2227 & 2228

Prerequisite: Successful completion (“B” or above) is recommended in Algebra I.

Students will be required to obtain a **signature** from their most recent math teacher indicating that the teacher was consulted for their recommendation.

Geometry is the foundation for mathematics required in all technical fields of study. Geometry stresses terminology and concepts of mathematics, as well as, playing a fundamental role in strengthening the concepts studied in Algebra. It uses coordinates and transformations in both two and three dimensions. It discusses networks, if-then statements, reflections, polygons, congruency, similarity, and introduces

trigonometry. Geometry includes two column proofs and applications in logic and indirect reasoning. The students will be expected to read each lesson and have their assigned homework completed. The pace of the class will be determined by the concepts to be covered. Students will be expected to do at least 4-5 hours of homework per week.

Integrated Pre-Algebra I 1 credit Year Grades 9,10,11,12
2211 & 2212

Students explore the world of integrated mathematics with occupational related themes. In this first course of a three-year program, the student develops skills in measurements, in the use of technology, in drawing and reading graphs, and in estimation. These skills will be used in real-world applications integrating algebra, geometry, and data handling. This course is designed to place the student in an active role in the learning process.

Integrated Algebra I 1 credit Year Grades 9-12
2311 & 2312

Prerequisite: Int. Pre-Alg, Pre-Algebra (8th grade)

This class was designed for the student who struggles in math but who has successfully completed Int. Pre-Algebra. Students will continue to build upon basic math concepts while applying problem solving strategies. Drill and practice as well as story problems will be used to master algebraic processes. These skills will be used in real-world applications. Labs will also be used to facilitate learning.

Integrated Geometry 1 credit Year Grades 9-12
2411 & 2412

Prerequisite: Algebra or Integrated Algebra

This class was designed for the student who prefers a hands-on approach to learning mathematics. Basic geometry concepts, trigonometry, graphing, logic, computer spreadsheets, and two and three dimensions coordinates will be developed. Many learning labs will model real life applications of geometric principles.

PHYSICAL EDUCATION

Team PE Activities .5 credit Semester Grades 9-12
9350

This course will include soccer, speedball, flag football, basketball, and floor hockey. Students will learn basic skills and rules for each activity. Participation in flexibility and cardiovascular workouts will be required.

Individual PE Activities .5 credit Semester Grades 9-12
9355

This course will include volleyball, bowling, archery, softball and golf. Students will learn basic skills and rules for each activity. Participation in flexibility and cardiovascular workouts will be required. Fees will be assessed for bowling and golf.

Weight Lifting PE Activities .5 credit Semester Grades 9-12
9360

Students will be introduced to methods of lifting, proper lifting techniques, and weight room safety. Students will be expected to know the muscles affected by individual lifts. Participation in flexibility and cardiovascular workouts will be required.

HEALTH

Health Occupations I .5 credit Semester Grades 9,10,11,12
9300

This class is designed to expose the student interested in pursuing a career in the health care setting to the different occupations and work settings in the health care field. Students will be exposed to the different

educational requirements, job demands, work settings, medical terminology, and practices of health care work.

SCIENCE

Physical Science 1 credit Year Grade 9 Required
3101 & 3102

Physical Science is a course designed to foster an appreciation for and an understanding of our physical surroundings. Areas of study include basic concepts in chemistry, physics, earth science, and space science. Lessons include laboratory work, lecture/discussion, demonstrations, and projects.

Environmental Science 1 credit Year Grades 9,10,11,12
3160 & 3161

This course is meant to foster an understanding of the way everything is connected and the issues related to the environment. Environmental Science focuses on water quality the first quarter then covers a variety of topics such as air pollution, global warming, population problems, and waste disposal. The class is a hands-on laboratory based course. Anyone with an interest in science or related career goals is welcome.

SOCIAL SCIENCE

Civics .5 credit Semester Grade 9 Required
4100

Civics is a course designed to enlighten the student on the basic political system under which this country functions. The course guides the students in their study of the following county and township government, city government, state government, voting and elections, federalism, constitutional checks and balances, Congress, and the president

TECHNICAL

General Service Tech I(Intro to Auto) .5 credit Semester Grades 9,10,11,12
7200

Students will learn automotive systems and how to maintain them. Safety, tools, and equipment for advanced classes will also be covered.

Careers I .5 credit Semester Grades 9
7265

The emphasis of this course deals with post secondary planning and exploring career options. The class is designed to prepare students for the transition from school to work. Students learn about themselves, occupations and careers, clarify values and goals and the steps needed to achieve a fulfilling and rewarding future. Students will study problem solving techniques and decision-making skills. The importance of education and training will be emphasized. Students will take interest surveys, job shadowing, and utilize computer assisted career exploration programs. Speakers and field trips will be components of this class.

Ag Structures .5 credits Semester Grades 9,10,11,12
8171

Ag Structures consists of woodworking and plastics. All students will be taught safety, proper use and care of tools needed in each area of the shop. The students will be involved in making and finishing projects in each area. This class will provide you with all the basic information needed to understand and use hand tools, power tools, fasteners and assorted building materials for the repair and maintenance of your home. You will gain knowledge of the structure and the various systems that need to be repaired or maintained.

The instructor, due to the amount of time available, will design the project. Projects will be of a useful nature and the student will purchase materials.

Adv. Ag. Structures .5 credits Semester Grades 9,10,11,12
8182

This course provides students with the experience of making basic, usable, wood projects for the home. Lathe work may be included in the students' projects. Instruction in the proper use, care and safe handling of the tools, equipment and materials will be covered. Students will be required to design their own project and obtain their project building materials. Students will be charged for the materials used. It is highly recommended that Ag Structures be taken prior to this class.

Introduction to Drafting .5 credits Semester Grades 9,10,11,12
8176

Are you looking for a class that is fun and leads to several career choices? Do you have an interest in drafting? If you can hold a pencil, all the skills you need will be taught in this class. This course is designed for the student's first experience in drafting course work. Daily activities are designed to help the student understand basic concepts of drafting in, as well as, out of the classroom. Along with developing skills in using drafting tools and equipment, this class will explore careers in drafting and give information about starting such a career. * Some computer drafting experience will be offered.

Introduction to CAD .5 credits Semester Grades 9,10,11,12
8178

This course takes students deeper into to the Architecture and Construction, Science, Technology, Engineering, Mathematics, and Manufacturing career clusters. This class is for students who are considering a career in drafting, architecture, engineering, machining, construction, or interior design. Students will learn 2D & 3D mechanical and architectural drafting using a CAD (computer aided drafting) program.

Welding Tech I .5 credit Semester Grades 9,10,11,12
8420

Students will learn Oxy Acetylene (gas), Arc (stick), and MIG (wire feed) welding. Oxy-acetylene and plasma cutting will also be used. Students will have time for small projects in this class upon successful completion of assigned welds. Welding safety and blueprint reading will be covered in all welding classes.

Welding Tech II .5 credit Semester Grades 9,10,11,12
7386

Students will expand on skills learned in Welding Tech I by doing vertical, overhead, and other advanced welding techniques. Students will also learn Tig welding on steel and aluminum. Students will have time for small projects in this class upon successful completion of assigned welds. Welding safety and blueprint reading will be covered in all welding classes.

Welding Tech I for GALS .5 credit Year Grades 9,10,11,12
8421

This class is designed to appeal to young women at MHS. Students will learn Oxy Acetylene (gas), Arc (stick), and MIG (wire feed) welding. Oxy-acetylene and plasma cutting will also be used. Students will have time for small projects in this class upon successful completion of assigned welds. Welding safety and blueprint reading will be covered in all welding classes. This class is offered on a rotational basis – 2012-2013.