

# **MARIETTA HIGH SCHOOL 2011-2012 CURRICULUM GUIDE**

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Mr. James Thrash

	Page #
Advanced Placement Programs.....	08
Agriculture .....	22
Athletic Eligibility/NCAA Requirements .....	18
Board of Education Members and Administrative Staff .....	01
College Visitations .....	21
Computer Science.....	23
Counselors' Message .....	05
Curriculum (The) .....	09
Diploma and Honors/College or University Placement .....	21
Educational Options .....	17
Fine Arts .....	24
Foreign Language .....	28
Glossary .....	14
Grade Point Average Calculation .....	15
Grading Scale.....	14
Graduation Requirements .....	07
Health and Physical Education .....	29
Honor Roll/Honors .....	15
How to Select Your Courses/Scheduling .....	06
Industrial Technology .....	29
Language Arts (English) .....	31
Marietta City Schools/MHS Mission/Philosophy .....	04
Mathematics .....	36
Post-Secondary Educational Options Program .....	13
Principal's Message .....	03
Repeating Classes .....	16
Report Cards .....	17
Schedule Change Procedure .....	17
Science .....	39
Sequence of Courses .....	48
Service Learning Block .....	45
Social Studies .....	44
Valedictorian .....	16
Washington County Career Center.....	12

Dear Parents/Students:

Marietta High School's Curriculum Guide contains important information on the scope, sequence and quality of curriculum available to Marietta High School students.

This publication is designed to familiarize students and parents with the dynamics of a varied, qualitative and thorough public school format.

Whether a student desires a college preparatory or vocational curriculum, Marietta High School will provide a quality education.

Co-curricular programs are numerous. Sports, music, clubs, organizations, as well as active academic societies, and assistance programs exist for the benefit of students and are important experiences in the life of the school.

If students and/or parents have any questions as they proceed through the registration process, contact the Marietta High School Guidance Department (374-6540 Ext. 20) and request to speak with Mrs. Rita Frum or Mr. James Thrash. Their hours are 7:30 a.m. – 2:45 p.m. daily while school is in session.

Marietta High School complies with the policies and standards of the Ohio Revised Code and the Ohio Department of Education.

I wish all students of Marietta High School the very best in preparing for their academic future.

Mr. William Lee  
Principal

**MARIETTA CITY SCHOOLS  
PHILOSOPHY OF EDUCATION**

- We believe education is a continuous life-long process and a means of improving the quality of life for all.
- We believe the constitutions and laws of the United States of America and the State of Ohio are intended to provide an adequate and equitable system of public education.
- We believe public education is the cornerstone of American democratic society, and is the shared responsibility of students, families, schools and the entire community.
- We believe everyone must be treated with dignity and respect.
- We believe everyone has potential to learn.
- We believe everyone has individual needs, learning styles, interests and abilities.
- We believe the expectation of quality efforts from everyone encourages higher achievement and continuous growth.

**MHS MISSION STATEMENT**

Our mission is to provide the conditions which inspire and support the achievement of academic and personal excellence by all members of the Marietta High School community in order to meet the challenges of an ever changing world.

## FROM THE TIGER'S DEN

Dear Parent and Student:

This "Curriculum Guide" is for students and parents. It contains information about standards of promotion, requirements for graduation, course descriptions and other information about our curriculum.

Planning a course of study for the high school years is one of the most important steps a student takes. As your counselors, we will be working with each of you to prepare course selections. Planning your high school program entails selecting courses that are suited to individual needs and interests whether you plan to enter the world of work after graduation or go to college. This guide has been published to help explain the many courses offered so that pupils and parents will be able to make the best possible choices as they go through the course selection process. Each student must realize that course selection represents a strong commitment. Serious consideration of appropriate classes at this time will alleviate problems associated with later schedule change requests. Requests for schedule adjustment may not be honored due to class size, schedule conflicts, etc.

Your counselors for the selection process are:

Mrs. Rita Frum	Mr. James Thrash
All Students	All Students
Last Names A-K	Last Names L-Z

**High School Guidance Office:  
740-374-6540 Ext. 20  
7:30 a.m. – 2:45 p.m. daily**

“NO PERSON IN THE UNITED STATES SHALL ON THE BASIS OF SEX BE EXCLUDED FROM PARTICIPATION, BE DENIED THE BENEFITS OF, OR BE SUBJECTED TO DISCRIMINATION UNDER ANY EDUCATION PROGRAM OR ACTIVITY RECEIVING FEDERAL FINANCIAL ASSISTANCE.”

*Title IV of the Education Amendments of 1972*

**HOW TO SELECT YOUR COURSES: READ THIS COURSE GUIDE  
THOROUGHLY and FOLLOW ALL DIRECTIONS.**

1. Seek the advice of your parents, teachers and counselors about courses and academic and/or career goals.
2. Follow directions on teacher/counselor approved courses.
3. Complete the registration form. Until you are sure, use **PENCIL**,
  - a. Select your courses.
  - b. You must have a minimum of 7 classes per semester to be qualified as a full-time student. NOTE--juniors and seniors in proper academic standing will be permitted to sign up for six, not seven classes.
  - c. Check all required subjects for your particular grade level and other prerequisites.
  - d. Students may not be enrolled in more than one (1) study hall per day, except for juniors and seniors in good standing.
4. Your parents must sign your registration form indicating approval of your course selection.
5. Students are often recommended for specific levels of classes. However, this recommendation may be overridden by students and parents. Overriding a teacher recommendation should only occur after consulting with the student's guidance counselor. Parents must sign a waiver stating they are opposed to the teacher/guidance recommendation and take responsibility for their child's academic performance.

**SCHEDULING**

Enrollment for classes may be limited or "capped." In such situations, priority will be given to students in the following order:

1. Seniors
2. Vocational students
3. Juniors
4. Sophomores
5. Freshmen

**Courses may not be offered due to insufficient enrollment or other considerations. Students are urged to consider alternative electives in the event their primary choice is not available. Final determination of course offerings and student schedules will be made by the Guidance Department and the Administration of Marietta High School.**

PLEASE NOTE: STUDENTS MUST PASS THE SECOND NINE WEEKS OF A SEMESTER CLASS AND THE SECOND SEMESTER OF A YEAR LONG CLASS IN ORDER TO RECEIVE CREDIT!

**GRADUATION REQUIREMENTS**

The minimum academic requirements for graduation are successful completion of:

- a. The Ohio Graduation Test (OGT), unless exempted through a statement on the student’s Individualized Education Plan.
- b. The following Carnegie Units:

<b><u>Language Arts</u></b> (English 9, 10, 11, 12)	<b>4.0</b>
<b><u>Mathematics</u></b> (To be assigned each year)Starting with the class of 2014 (4 math credits)	<b>3.0</b>
<b><u>Science</u></b> (To be assigned each year)	<b>3.0</b>
<b><u>Social Studies</u></b> <i>including:</i> World Studies (9) American History (10) American Govt. (12) Elective	<b>3.0</b>  1.0 1.0 0.5 0.5
<b><u>Physical Education</u></b> (Two .25 credit classes)	<b>0.5</b>
<b><u>Health</u></b>	<b>0.5</b>
<b>Business/Industrial Tech., Fine Arts, or Foreign Lang</b>	<b>1.0</b>
<b>Electives</b>	<b>5.0</b>

<b>Total Credits</b>	<i>20.0</i>
Starting with the class of 2014, 21 credits for graduation.	

NOTE: BEGINNING WITH THE CLASS OF 2014 THE TOTAL NUMBER OF CREDITS NEEDED FOR GRADUATION WILL BE 21. THIS TOTAL IS TO INCLUDE A FOURTH CREDIT OF MATH.

**NOTE: Students identified as handicapped, disadvantaged or transferring from another school district may be permitted to take academic program requirements in a different sequence during their tenure at Marietta High School.**

Students must indicate their college or career plans to their Guidance Counselor so that an appropriate academic sequence can be initiated.

Students must maintain an academic schedule consisting of six (6) classes per semester (unless exempted by an Individualized Education Plan or having a science lab class), for eight semesters of study. Early graduation from school may be petitioned in writing to the principal on or before September 16<sup>th</sup> of the academic year of graduation. This petition must be approved by the principal to qualify a student for early release. Petition forms are available in the guidance office.

Early release from school will only be granted to juniors and seniors with an sixth and/or seventh period study hall who are scheduled for five (5) classes. Late arrival permission may also be approved for juniors and seniors with first and perhaps second period study halls, who are also scheduled for five (5) classes.

### ADVANCED PLACEMENT COURSES

Advanced Placement courses are college level courses with the primary curricular focus of preparing the student to master the Advanced Placement curriculum in that content area. The difficulty of the work, the time and attention demanded – including summer reading and assignments – and the cost (approximately \$100) exceeds that of any high school course. In recognition of the expectations for student commitment, 0.50 additional value is awarded for each grade of C- or above.

**Since the course of study for each AP course includes preparation for the AP test given in May, the test will be required in our AP courses in which a student is scheduled. This requirement cannot be waived, and failure to take the test seriously could result in a grade of F for the course. However, these courses will still focus student expectations on preparation for the AP test or comparable alternatives. Students should obtain a complete understanding of the expectations and requirements of any AP course scheduled.**

Not all colleges consider AP test results in placement decisions, nor do ALL colleges grant college credit for AP Classes. Consequently, this should not be the only factor in a student's decision to schedule an AP course. The challenging level of student learning in an AP course, including preparing for and taking an AP test, remains one of the best experiences to prepare for college level learning in an AP course.

**REQUIREMENTS FOR ACCEPTANCE INTO AP COURSES**

1. Complete the required application form
2. Be committed to high academic achievement
3. An understanding and acceptance of the time the courses involve, both in terms of study time, homework, and summer requirements
4. Teacher and counselor recommendations
5. Parental approval
6. Teacher and counselor recommendations shall not be overridden by the parents.

**PROCEDURES FOR DROPPING AN AP/HONORS COURSE**

Advanced Placement Courses may not be dropped unless unavoidable scheduling conflicts, medical problems or other extenuating circumstances as approved by teacher and administrator are present. In such cases, the student must:

1. Secure the correct form from Guidance.
2. Secure signature from parent, student, teacher, and administrator.
3. Return form to designated guidance counselor to process.
4. If denied, the student may appeal the decision to the principal.
5. **Students wanting to drop an AP or Honors course must do so by the last day of school of the preceding school year.**

**THE CURRICULUM**

**AGRICULTURE**

	<b><u>CREDITS</u></b>
Vocational Agriculture I	1.25
Vocational Agriculture II	1.25
Vocational Agriculture III	1.25
Vocational Agriculture IV	1.25
Small Engine Repair	0.5

**COMPUTER SCIENCE**

Desktop Publishing	0.5
E Commerce/Entrepreneurship	0.5
Microsoft Office	0.5
Web Page Design	0.5
Tiger Web Page	0.5

**FINE ARTS**

Art I	0.5
Art II	0.5

Art III	0.5
Art IV	0.5
Art V	0.5
Art VI	0.5
Band	1
Color Guard/Handbell Ensemble	1
Intro to Percussion	0.5
Marietta Cantabile	1
Men's Chorus	1
Treble Chorus	1
Popular Music: Hip-Hop, Rock & Roll, C & C	1
Premiere Show Choir	1

#### FOREIGN LANGUAGE

Spanish I	1
Spanish II	1
Spanish III	1
Spanish IV (honors)	1
Chinese I	1
Chinese II	1
Chinese III	1
Chinese History, Culture, Language	0.5

#### HEALTH AND PHYSICAL EDUCATION

Adaptive Physical Education	0.25
Health	0.5
Physical Education	0.25
Weight Training and Fitness	0.25
Life Skills	0.5

#### INDUSTRIAL TECHNOLOGY

Architecture I	1
Architecture II	1
CADD A	0.5
CADD B	0.5
Drafting I	1
Drafting II	1
Home Maintenance	0.5
Introduction to Engineering Design (Project Lead The Way)	1
Principles of Engineering (Project Lead The Way)	1
Woods I, Woods II	1

#### LANGUAGE ARTS

Freshman Honors	1
Freshman College Survey	1

Freshman Survey	1
Sophomore Honors	1
Sophomore College Survey	1
Sophomore Survey	1

AP English Language and Composition	1
Junior Honors	1
Junior College Survey	1
Junior Survey	1

AP English Literature and Composition	1
Senior Honors	1
Senior College Survey	1
Senior Survey	1
Senior CCT English	1

MATHEMATICS

Fundamentals of Algebra	1
Algebra	1
Geometry	1
Algebra II	1
Business Math	1
Algebra I College Prep.	1
Geometry College Prep.	1
Honors Geometry	1
Algebra II College Prep.	1
Honors Algebra II	1
Honors Pre-Calculus	1
Honors Calculus	1
AP Calculus	1

SCIENCE

CREDITS

Integrated Science I, II, III, IV, V, VI	0.5
Earth/Physical Science	1
Biology	1
Honors Biology	1
Chemistry	1
Honors Chemistry	1
Physics	1
Honors Physics	1
AP Physics	2
AP Biology	2
AP Chemistry	2

SOCIAL STUDIES

American Government	0.5
American History	1
American Problems	0.5
AP U.S. History	1
Criminal Justice	0.5
Psychology	0.5
Sociology	0.5
World Studies	1

ADDITIONAL PROGRAMS/ELECTIVES

CCT-Career Community Training (Block)	3
Educational Options	Varies
Journalism	1
OGT Language Arts	0.5
OGT Mathematics	0.5
OGT Science	0.5
OGT Social Studies	0.5
Orian (Yearbook)	1
Flex-Credit Option	Varies

**WASHINGTON COUNTY CAREER CENTER  
High School Programs  
2011-2012**

**INFORMATION TECHNOLOGY CAREERS**

Computer Graphics  
Medical Office Technology

**Construction Careers**

Carpentry  
Electricity  
Masonry

**Industrial Careers**

Welding

**Service Careers**

Cosmetology

**Transportation Careers**

Auto Collision (Custom Paint and Graphics)  
Auto Mechanics  
Diesel Truck Mechanics  
Custom Paint and Graphics

**Environmental Careers**  
**Heavy Equipment/Natural Resources**  
**Landscaping/Turf Management**

**Medical Careers**  
**Medical College Prep**  
**Patient Health Care**  
**Sports Medicine/Exercise Science**

**MARIETTA HIGH SCHOOL**  
**POST-SECONDARY ENROLLMENT OPTIONS**  
**2011-2012 ACADEMIC YEAR**

1. Students may not enroll for this program if they are taking a full class schedule at Marietta High School. Students must have a cumulative GPA of 3.0 in the subject area to qualify for the program.
2. The responsibility for transportation to and from the institution where Post-Secondary Enrollment Options are taken rests with the student.
3. Records of the course work taken and credits granted will be included in the student's cumulative record. Beginning with the class of 2012, all PSEO grades will be included in the student's cumulative GPA.
4. All courses taken under the Post-Secondary Enrollment Option will be included in the high school transcript as follows:  
0.125 credit = one quarter hour  
0.25 credit = two to three quarter hours or two semester hours per class.  
0.5 credit = four to six quarter hours or three to four semester hours per class.  
1 credit = seven quarter hours or five or more semester hours per class.  
Credits earned will satisfy, when applicable, high school graduation requirements and/or subject area requirements of the school district.
5. The student and parent will complete an "Intent to Participate" form and attend a required meeting in the early spring. At this meeting, an additional form must be signed and returned that indicates an understanding of the responsibilities of participation in the PSEO program.
6. No graduation requirements will be waived for participation in this enrollment option.
7. All PSEO students are required to provide class schedules with their enrolled classes to their guidance counselor.

**NOTE: STUDENTS MUST BE REGISTERED FOR THIS PROGRAM NO LATER THAN MARCH 30, 2011. APPLICATIONS WILL NOT BE CONSIDERED AFTER THIS DATE.**

## GLOSSARY

- CREDIT** (or unit) -A credit is the numerical value given for successful completion of a subject. The earning of credits begin with ninth grade.
- PREREQUISITE**- A course required beforehand. One in which a student has earned a credit.
- ELECTIVE** - An elective is any subject which is not required for graduation.
- CLASS RANK** - Class rank is the numerical position of the individual student in comparison with others qualified for ranking within the specific class.
- GPA** - Grade Point Average is the mathematical average of all grades posted each nine weeks.
- CUMULATIVE GPA** - Cumulative Grade Point Average is the mathematical average of all semester averages for completed courses. This average is used in the class rank determination formula.
- FEES** - This is an estimated dollar amount for class materials/workbooks /and fees for the class.

## GRADING SCALE

<u>STANDARD GRADES</u>			<u>HONORS (.25)</u>			<u>AP (.50)</u>		
A	93-100	4.00	A	93-100	4.25	A	93-100	4.50
A-	90-92	3.60	A-	90-92	3.85	A-	90-92	4.10
B+	87-89	3.40	B+	87-89	3.65	B+	87-89	3.90
B	83-86	3.20	B	83-86	3.45	B	83-86	3.70
B-	80-82	2.80	B-	80-82	3.05	B-	80-82	3.30
C+	77-79	2.40	C+	77-79	2.65	C+	77-79	2.90
C	73-76	2.20	C	73-76	2.45	C	73-76	2.70
C-	70-72	1.80	C-	70-72	2.05	C-	70-72	2.30
D+	67-69	1.40	D+	67-69	1.40	D+	67-69	1.40
D	63-66	1.20	D	63-66	1.20	D	63-66	1.20
D-	60-62	0.80	D-	60-62	0.80	D-	60-62	0.80
F	Below 60	0.00	F	Below 60	0.00	F	Below 60	0.00

## CLASS STANDINGS

The following guidelines will help the students plan their course work over their high school career.

All students in grades nine (9) through twelve (12) should average five (5.0) credits per year. When students do so, they will be moving successfully toward graduation. To be considered a senior, a student **MUST** have earned at least **15 credits**. A junior must have earned at least 10 credits and a sophomore, a minimum of five credits, which will have them on a proper path to achieving graduation.

Beginning with the class of 2014, students should average 5.5 credits per year as they will need 21 credits for graduation.

### CALCULATIONS OF GRADE POINT AVERAGE

The Grade Point Average (GPA) is based on a 4.0 weighted scale. Extra value (weighted) is given to all AP and Honors classes taken at Marietta High School. The weighted rank will be used in calculating your GPA. GPAs are calculated at the end of the student's 4<sup>th</sup>, 6<sup>th</sup>, and 8<sup>th</sup> semester in school. The GPA is placed on the student's transcript and is used to determine eligibility for Honor Roll, Diploma with Honors, National Honor Society, Valedictorian, Salutatorian, Academic Excellence and Athletic Eligibility. All students receive a class rank based on their GPA. Beginning with the class of 2012, passing grades of PSEO classes will be calculated in a student's GPA.

#### EXAMPLE OF GPA COMPUTATION

<u>Subject</u>	<u>Grade</u>	<u>Quality Points</u>	<u>Credits</u>	<u>Points</u>
AP English	A	4.5	1.0	4.50
Honors Geometry	B+	3.65	1.0	3.65
Health	B	3.20	0.5	1.60
Biology	A	4.0	1.0	4.0
World Studies	B	3.20	1.0	3.20
French	B+	3.40	1.0	3.40

Points divided by credits equals GPA 20.35 points divided by 5.5 credits = 3.7 GPA

#### CALCULATION OF FINAL GRADE

The student's final grade will be determined by averaging the grades of the four nine weeks plus the two semester exams. Not taking the exam will result in failure for the class. The nine weeks grade is twice the value of the exam grade. In courses where no exam is given the final grade is the average of the four nine week grades only. *Note: In year long courses, any student failing three grading periods and/or not passing the second semester will NOT receive credit for the course.*

#### **EXAMPLE:**

1 <sup>st</sup>	2 <sup>nd</sup>	Exam	3 <sup>rd</sup>	4 <sup>th</sup>	Exam	Final Grade
B+(3.4x2)	B(3.2x2)	B+(3.4)	A(4.0x2)	A(4.0x2)	B+(3.4)	= 3.60 A-
6.8	6.4	3.4	8	8	3.4	36 = 10

#### MERIT ROLL/HONOR ROLL

Recognition for academic excellence shall be a part of the school program. A roster of students who meet the standards shall be compiled. In order for a student to be eligible for the Honor Roll, he/she must be taking a minimum of four classes at Marietta High School.

The Academic Achievement List shall be for students who achieve a grade point average of at least 3.0. The High Academic Achievement List shall be for students who have a grade point average of 3.50 or better. Students earning a 4.0 or above will be recognized on the Principal's List.

### **HONORS FOR EXCELLENT ATTENDANCE**

Marietta High School maintains an enviable record of student attendance. Most high school students are absent fewer than five days per academic year.

Special recognition is afforded those students with perfect attendance over a period of time.

Marietta High School recognizes that excellent attendance is a measure of the student's reliability, responsibility, and maturity.

### **VALEDICTORIAN & SALUTATORIAN**

In the interest of encouraging and recognizing outstanding academic achievement, a senior class valedictorian and salutatorian will be selected according to the following procedure:

- A. The valedictorian will be the student with the highest GPA as computed at the end of seven semesters of high school work.
- B. The salutatorian will be the student with the second highest GPA as computed at the end of seven semesters of high school work.
- C. In case of a tie for valedictorian, co-valedictorians will be honored.
- D. In case of a tie for salutatorian, co-salutatorians will be honored. If multiple valedictorians are honored a salutatorian may not be needed.
- E. The grades and credits for all subjects taken at Marietta High School and transfer credits (when applicable) in grades 9-12 will be used in the computation of class rank.
- F. All students in the class are included in determining class rank.
- G. Both Grade Point Average (GPA) and class rank will be reported on transcripts.
- H. In order to be eligible for selection as valedictorian or salutatorian, students must earn a minimum of four (4) Carnegie Units during each of their junior and senior years through courses completed at Marietta High School.
- I. Students must be in good standing and have no suspensions during the last two semesters.

### **REPEATING CLASSES**

Students may be given permission to repeat any class in which they have received credit. If repeating, the class must be completed by the end of the next school year. Only one (1) credit will be granted for the class and the higher of the two grades will be recorded and counted toward the student's GPA. Students having questions concerning repeating a class should consult with their guidance counselor.

### **EDUCATIONAL OPTIONS**

Students seeking credit from sources other than the regular school program should consult their counselor for the following Educational Opportunities:

- Community Service
- Correspondence Courses
- Distance Education
- Early Enrollment Option at Washington State
- Flex-Credit
- Independent Study
- Post-Secondary Enrollment Option
- Summer School

### **HIGH SCHOOL REPORT CARDS**

The format of the report card for high school students consists of a computer printout based on proper information submitted by teachers.

Students will take report cards home for the first three reporting periods of the school year on the days indicated on the Board-adopted school calendar if school fees have been paid or a payment plan has been established. At the end of the school year, report cards will be sent by mail soon after the close of school, if all fees have been paid. No final grades will be adjudicated as incomplete. No variance from the final second semester examination schedule will be permitted.

The letter marks "A" through "F" are restricted to the measurement of academic achievement. "F" may be used for a temporary incomplete status. Grades will be adjusted when the student completes his/her excused work.

Progress Book, an on-line attendance and record book, will be available for parents to view their child's attendance and course grades. This program will allow parents to view their child's marks throughout each grading period at their request.

### **SCHEDULE CHANGE PROCEDURES**

Scheduling is an extremely important process and careful consideration must be devoted to course selection. Students and parents should work with the guidance counselor to develop schedules that meet individual student needs as well as state and local graduation requirements.

To balance class size, provide sufficient staff material resources, stabilize student schedules, and maintain an appropriate educational atmosphere for all academic days, schedule changes must be minimized. However, it is understood that some changes are inevitable. **ALL REQUESTS** for schedule changes will be governed by the following guidelines:

- A. Schedule changes in preparation for the upcoming year must be made within one week of the conclusion of the current school year.
- B. After the school year begins, schedule changes are limited to a change of course level (only after at least ten (10) school days) or

to adding a class in place of a study hall. Students who have scheduled seven (7) classes may receive permission to drop a class and add a study hall. This schedule change **MUST** be completed before interim reports are completed.

- C. A subject may be added in place of a study hall during the first two weeks of the course if there is room in the class and it does not necessitate an additional change in schedule.
- D. Minimum pupil load (six classes) must be maintained.
- E. Whenever possible, students may be enrolled in no more than one (1) study hall per day.
- F. Students wishing to drop a class must do so by the first interim report of the first grading period.

### **ATHLETIC ELIGIBILITY**

The Marietta City School Board of Education provides athletic programs in compliance with the by-laws and regulations of the Ohio High School Athletic Association. Students who wish to be members of an athletic team must be academically eligible. The requirements for such eligibility by the O.H.S.A.A. in Section 4 of their by-laws, and by the Marietta City Schools' Board of Education are as follows:

All student athletes (7 thru 12) must have a minimum 2.0 GPA during the immediately preceding nine-week grading period in order to be eligible to participate in interscholastic extracurricular activities. A student who does not meet this academic eligibility requirement but has a 1.75 GPA may be considered on probation and maintain academic eligibility, providing the student receives private tutoring as approved by the head coach. Any cost associated with such a tutoring project must be assumed by the parent. Failing a subject does not in and of itself exclude a student from participation. Failure to meet the academic eligibility requirement will result in the student being ineligible to participate during the next succeeding nine-week grading period. Students must meet all other eligibility requirements as specified in the *Athletic Handbook for Marietta City Schools*. Students participating in the PSEO program must obtain a form from the athletic director to submit course grades for review.

The eligibility or ineligibility of a student continues until the start of the next grading period at which time the immediately preceding grading period grades becomes applicable. Once ineligible, students must have their following quarter grades verified by a school administrator to regain their eligibility.

**EXCEPTION:** When an interscholastic contest is played in the fall prior to the start of school, the first grading period is considered to have started insofar as this by-law is concerned.

A student enrolled in the first grading period after advancement from the eighth grade must have passed 75% (seventy-five per cent) of those subjects carried and have earned a minimum 2.0 G.P.A. the preceding grading period.

The eligibility of a transfer student must be established by school records or verification from the sending school. The responsibility for establishing eligibility rests with the receiving school. (Mail official transcript).

Summer school grades earned may **NOT** be used to substitute for failing grades from the last grading period of the regular school year.

#### **NCAA REQUIREMENTS**

Students should also be aware of the National College Athletic Association's academic requirements at the high school level if they intend to pursue athletic participation at a college or university after graduation. The details of such requirements are available from the school guidance counselors. Parents and students should be aware that the academic requirement information should be obtained when students are **FRESHMEN**.

#### **STATE BOARD OF EDUCATION APPROVED CRITERIA:**

##### **DIPLOMA WITH HONORS**

Depending on whether a student is completing a college preparatory or career-technical education curriculum, honors diploma requirements differ slightly. The student must meet the requirements for the regular diploma plus criteria for honors listed.

#### **COMPARISON OF DIPLOMAS WITH HONORS CRITERIA**

<b>Subject</b>	<b>High School Academic Diploma with Honors Graduating Classes 2011 and Beyond</b>	<b>Career-Technical Diploma with Honors for Graduating Classes 2011 and Beyond</b>
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<b>English</b>	4 units	4 units
<b>Math</b>	4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content	4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
<b>Science</b>	4 units, including physics and chemistry	4 units, including physics and chemistry
<b>Social Studies</b>	4 units	4 units
<b>Foreign Lang.</b>	3 units, including at least 2 units in each language studied	Not counted toward requirements
<b>Fine Arts</b>	1 unit	Not counted toward requirements
<b>Career-Technical</b>	Not counted toward requirements, and may not be used to meet requirements	Now counted in Electives
<b>Electives</b>	Not counted toward requirements	4 units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post secondary credit.

<b>Grade Point Average</b>	<b>3.5</b> on a 4.0 scale	<b>3.5</b> on a 4.0 scale
<b>ACT/SAT Score-excluding scores from the writing sections</b>	<b>27 ACT / 1210 SAT</b>	<b>27 ACT / 1210 SAT</b>
<b>Additional Assessment</b>	Not applicable	Achieve proficiency benchmark established for appropriate Ohio Career-Technical Competency Assessment or equivalent

**COLLEGE OR UNIVERSITY PLACEMENT**

Students are advised to begin exploring the vast array of higher education opportunities as soon as possible in their high school career. Information on college or university institutions is available through the Guidance Office. Due to the intense competition for admittance to certain prestigious schools, it is vital that students address their educational and applicatory needs prior to the senior year of high school. When in doubt, consult with your counselor.

**COLLEGE VISITATION**

In the event a junior or senior is unable to arrange an appointment after school hours or on a school vacation day, that student may request an authorized absence to visit a college campus. Please use the following procedure if you plan to use this day:

1. Set up an appointment with the college well in advance.
2. Obtain and fill out an anticipated absence form and return this to the office prior to your visit.
3. A signed note from the college's or university's admission office verifying your visitation must be brought to the office upon your return. Failure to return the visitation verification will result in an unexcused absence or a truancy.
4. No college visitation will be permitted after April 30.
5. Authorized absences for college visits are limited to four separate occurrences as a senior and two as a junior, unless permission is obtained from the principal in advance of the visit.

## COURSE DESCRIPTIONS

### AGRICULTURE—(VOCATIONAL)

**721 AGRICULTURE I Full Year Credit: 1.25 9-12**  
**Fee: \$20.00 (FFA membership required: \$20.00)**

Introduction to FFA; basic soils; fertility principles; parliamentary procedures; livestock production including identification, selection, and feeding; milk production; social graces; public speaking; crop production; project record keeping; basic welding.

**722 AGRICULTURE II Full Year Credit: 1.25 10-12**  
**Fee: \$20.00 (FFA membership required: \$20.00)**  
**Prerequisite: Agriculture I**

This course includes: animal nutrition; gestation care; seed and crop identification; pest control; masonry; tool sharpening; oxyacetylene and arc welding; parliamentary procedure; and soil evaluation. FFA related experiences are included.

**723 AGRICULTURE III Full Year Credit: 1.25 11-12**  
**Fee: \$20.00 (FFA membership required: \$20.00)**  
**Prerequisite: Agriculture II**

This course would include principles of: farm management; budgeting; banking; financial management; record keeping; insurance; and marketing farm products. Production practices to be covered are animal breeding; livestock health; meat selection; livestock feeding; weed control; farm surveying; and advanced cropping practices. Shop activities will include: advanced welding; multi-cylinder engines; farm carpentry; and individual project development. FFA experience included.

**724 AGRICULTURE IV Full Year Credit: 1.25 12**  
**Fee: \$20.00 (FFA membership required: \$20.00)**  
**Prerequisite: Agriculture III**

This course is an expansion of Agriculture III and will focus more on the business aspect of farming. Financial practices in farming and the creation of a career plan will be emphasized in operating a small farming operation.

**725 SMALL ENGINE REPAIR Semester Credit: 0.5 9-12**  
**Fee: \$20.00 Prerequisite: None**

The Small Engine Repair course introduces students to the workings of internal combustion power as used in two and four stroke engines. Emphasis will be placed on care and maintenance of the engines. Students will be encouraged to bring in engines for study and repair.

## COMPUTER SCIENCE DEPARTMENT

**251 WEB PAGE DESIGN Semester Credit: 0.5 9-12**  
**Fee: \$5.00 Prerequisite: None**

Students will develop design techniques to generate effective, pleasing and useful web pages. Web Design provides instruction in the principles of web design using HTML and/or current, emerging software programs.

**253 TIGER WEB PAGE Semester Credit: 0.5 9-12**  
**Fee: \$5.00 Prerequisite: Web Page Design**

Students will apply design techniques to generate effective, pleasing, and useful web pages for the MHS web site, "The Bridge." Students will learn effective presentation skills by consistently analyzing, evaluating and improving the school district's web page. Regular updates to the high school's web page is the ongoing project of this course. Leadership, independent thinking, the ability to meet deadlines, and teamwork skills are required. Students must work outside of class, including attending and covering extracurricular school events.

**259 DESKTOP PUBLISHING Semester Credit: 0.5 9-12**  
**Fee: \$10.00 Prerequisite: None**

Students will develop professional looking publications, such as newsletters, advertisements, flyers, announcements, stationary and business cards. Desktop publishing provides a practical hand-on approach to developing skills in the use of desktop publishing software, Power Point, Photoshop Elements, and a video editor.

**260 E- COMMERCE/ENTREPRENEURSHIP**  
**Semester Credit: 0.5 9-12**

**Fee: \$ 10.00 Prerequisite: None**

This course helps to familiarize students with business concepts in a variety of areas related to all aspects of operating your own business, as well as the makeup of a larger corporation. Students will incorporate the knowledge of marketing, economics, finance, accounting and management into studying various business plans with an emphasis on emerging technologies and a business' impact in a global market. The use of the internet and its expanding role in the business world will be emphasized in this course.

**511 MICROSOFT OFFICE Semester Credit: 0.5 9-12**  
**Fee: \$10.00**

This course provides training on information technology methods included in the Microsoft Office software. Topics of instruction will include using Microsoft Word, Excel, Access and Power Point programs. Student training will include many skills for producing documents, completing research with assigned topics and creating reports and presentations.

**FINE ARTS/VISUAL ARTS/PERFORMING ARTS**

**811 ART I Semester Credit: 0.5 10-12**  
**Fee: \$17.00 Prerequisite: None**

Emphasis on drawing skills and composition. Experience in pencils, ink, charcoal, tempera paint, and clay.

**812 ART II Semester Credit: 0.5 10-12**  
**Fee: \$20.00 Prerequisite: Art I**

Art II features more in-depth study with introduction to watercolor and other new media and technique.

**813 ART III Semester Credit: 0.5 11-12**  
**Fee: \$30.00 Prerequisite: Art II**

This is an in-depth study with emphasis on independent work and individual problem solving.

**814 ART IV Semester Credit: 0.5 11-12**  
**Fee: \$30.00 Prerequisite: Art III**

This is an in-depth study with emphasis on independent work and individual problem solving. Multi works projects in a “work on your own” situation.

**815 ART V Semester Credit: 0.5 12**  
**Fee: \$30.00 Prerequisite: Art IV**

Continuing teacher supervised instruction, with independent work skills developed in drawing. Stress on quality, finished products and development of a portfolio.

**816 ART VI Semester Credit: 0.5 12**  
**Fee: \$30.00 Prerequisite: Art V**

Continuing teacher supervised instruction, with further independent work skills developed in drawing. Instructional focus is on quality, finished products and development of a portfolio throughout the semester..

**888 TREBLE CHORUS Full Year Credit 1 9-12**  
**Prerequisite: Placement Hearing**

A vocal ensemble geared to train female voices to sing with proper posture, breath support and tone quality. Students will learn a variety of repertoire from all periods and styles of choral literature. The main emphasis of this group will be on vocal development. The group will perform at concerts, district contests, solo and ensemble and community events as scheduling permits. Students will have the opportunity to work in small groups and individually to perform music of varying levels of difficulty. The students in this

class will work on sight-singing skills using the solfege system of music reading. This class requires performances at events outside of class time

**884 MARIETTA CANTABILE Full Year Credit 1 10-12**

**Prerequisite: 1 year of either Treble or Men's Chorus-Audition required**

Marietta Cantabile is a select group of students in grades 10-12. The selection process is based on tone quality, vocal technique, music reading skills, attitude and needs of the choir. Students will study an advanced body of repertoire for all style and historic periods of vocal literature. Advanced music reading skills are required for participation in this ensemble. Students will practice proper vocal technique including posture, tone quality, breath support, intonation, and musicality. The students in this ensemble will review the solfege system of sight-singing. The students are required to participate in all concerts, district and state contests, solo and ensemble and community events as choir scheduling permits. These events are held outside of school time. In addition, extra rehearsals outside of school time will be held periodically as necessary.

**887 MEN'S CHORUS Full Year Credit 1 9-12**

**Prerequisite: Placement Hearing**

A vocal ensemble geared to train male voices to sing with proper posture, breath support and tone quality. Students will learn a variety of repertoire from all periods and styles of choral literature. The main emphasis of this group will be on vocal development. The group will perform at concerts, district contests, solo and ensemble and community events as scheduling permits. Students will have the opportunity to work in small groups and individually to perform music of varying levels of difficulty. The students in this class will work on sight-singing skills using the solfege system of music reading. This class requires performances at events outside of class time

**885 POPULAR MUSIC: HIP-HOP, ROCK & ROLL, COUNTRY AND CLASSICAL Full Year Credit 1 9-12**

In this class students will have the opportunity to study the history of different types of music. The History of Rock & Roll may be an example of a type of music that would be studied. Other styles of music to be studied include classical, country and western, jazz, and other popular and lesser known types. The course involves large amounts of student participation and presentation.

**886 PREMIERE SHOW CHOIR Full Year Credit 1 9-12**

**Prerequisite: Audition required.**

Premiere is a competitive show choir that enjoys performing at multiple choir competitions, concerts and for various community events and organizations in the surrounding area. Course requirements involve both singing and dancing in different performance shows throughout the year.

Auditions are held in the spring of the preceding school year, with practices beginning prior to the opening of school.

**890 BAND Full Year Credit 1 9-12**  
**Prerequisite: Permission of instructor and audition. Any student who has shown proficiency on a band instrument may take marching band/concert band.**

Participation in these groups can bring hours of enjoyment both now and during the years to come. This can also be helpful for a career in music.

In Marching Band, basic marching techniques and show music are learned during scheduled class time. The students learn to work with other members of the band toward perfection of every movement. Students learn to perform basic movements used by all marching units and to critically judge the performance of other groups by a set of criteria. Along with marching band techniques, the student learns to play and interpret music from all styles. This will improve the proficiency of the individual player. Students perform what they have learned at high school football games and marching band competitions.

The Symphonic Band comes into existence following the completion of the marching season. The purpose of the Symphonic Band is to further the development of the younger musician in the high school instrumental music program. The student will learn the basic musicianship, as well as performance skills. This will include basic musical terms and the observance of all musical markings. The various time signatures and key signatures will also be studied. Covered during the course will be the development of sight-reading ability. This will be done through a graded system of materials.

The Wind Ensemble also comes into existence following the completion of the marching season. The purpose of the Wind Ensemble is to allow the more technically advanced performer to experience the performance of the more difficult band music. The music this group will perform cannot be performed by the Symphonic Band due to the level of difficulty.

The Concert Bands will be selected and seated through auditions of all playing members. Balanced instrumentation and musical ability will be the criterion for placement in concert bands. Full concert instrumentation will be used in both organizations. The objectives of both concert bands are the same. Both groups will continue an in-depth study of the seven elements of music and the continued technical development of the individual musician. During the course of the concert season, both concert bands will perform three formal concerts (Christmas, Winter and Spring), at district/State Concert Band Competition, graduation and solo and ensemble contests. The marching band will perform at football games, local parades, and miscellaneous marching band competitions in and out of the immediate area.

**891 COLOR GUARD/HANDBELL ENSEMBLE**

**Full Year Credit 1 9-12**

**Prerequisite: Audition for color guard.**

Color guard members shall be chosen by audition. Practice and try-outs will be held in December and early spring for any interested incoming 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> grade student. Students selected will be members of the marching band through the end of the marching season (mid-to late November) and then will become part of the handbell program. Color Guard members will receive a full schedule of bell rehearsals, performances, and camps in May, and an updated schedule at the opening of school in August.

As part of the high school marching band, color guard members will participate in all band camps, rehearsals, parades, assemblies, football games, competitions, and other scheduled events. The purpose of the color guard is to add color and excitement to the marching band visual program. This will be accomplished through the use of a variety of equipment and body techniques, as are appropriate for the chosen music and competition show.

The color guard will become the handbell ensemble at the conclusion of marching season. They will perform at regularly scheduled band concerts as well as at other events if available. As a musical organization, the students will learn basic musical terms, music notation, and interpretation, as well as correct bell technique and instrument care. Basic musicianship and performance skills will be stressed. All students will participate in the handbell groups, at a variety of ringing stations, performing music in a variety of styles from a range of time periods. Selected repertoire will reflect varying degree of difficulty.

**892 INTRODUCTION TO PERCUSSION**

**Semester Credit: 0.5 9-12**

This semester course is designed for students with an interest in music, but who have never had the opportunity to learn an instrument, in addition to those with an interest in percussion instruments. In class, students will learn to play various percussion instruments including, but not limited to: drums, mallet instruments and hand bells. Students will gain skill in performing with other students and as solo instrumentalists. There is no public performance requirement for this class.

**FOREIGN LANGUAGE DEPARTMENT**

**101 SPANISH I Full Year Credit: 1 9-12**

**Fee: \$14.00**

Spanish I stresses the study of the Spanish language with emphasis on oral expression and comprehension, grammar, syntax and an introduction to Hispanic culture(s). Written application of the language complements the development of conversational skills.

**102 SPANISH II Full Year Credit: 1 10-12**  
**Fee: \$14.00 Prerequisite: Spanish I**

Spanish II is a continuation of Spanish I with increased emphasis on speaking, reading, writing, and comprehension skills. A more formal study of grammar is undertaken, and greater use is made of the spoken language in the classroom.

**103 SPANISH III Full Year Credit: 1 11-12**  
**Fee: \$13.00 Prerequisite: Spanish II**

Spanish III offers advanced training in conversation and composition. There is a highly critical analysis of Spanish grammar, with an introduction of several new verbal structures and an initial study of the subjunctive mood. Emphasis is placed on the oral practice of grammatical structures; therefore, Spanish is spoken extensively in the classroom. Conversational ability is expanded, formal composition is introduced and literary selections (short stories) of moderate difficulty are studied. Emphasis is placed on a cultural awareness of the Fine Arts of the Hispanic world including art, music, and theatre.

**104 HONORS SPANISH IV Full Year Credit: 1 12**  
**Fee: TBA Prerequisite: Spanish III with a "B" average in Spanish III or teacher approval.**

While continuing the development of language skills, emphasis will be placed on oral comprehension and speaking skills. The students will be required to show proficiency in listening, speaking, reading and writing using relatively complex grammatical structures. Grammatical studies will include an in-depth exploration of the subjunctive. In the spring semester, students will read short stories, a play and/or a novel in Spanish.

**141 CHINESE I Full Year Fee: TBA Credit: 1 9-12**

This is an introductory course to the language and culture of China and Mandarin-speaking countries. Practice in reading, writing, speaking and listening will be covered.

**142 CHINESE II Full Year Fee: TBA Credit: 1 9-12**

This course is a continuation of Chinese I with more emphasis on written and oral communication. Additionally, more complex grammatical constructions will be introduced along with a more in depth study of the culture of China.

**143 CHINESE III Full Year Fee: TBA Credit: 1 9-12**

This course is a continuation of Chinese I and II with emphasis on a more in depth look at communication and culture. Complex grammatical constructions will be introduced.

**145 CHINESE SURVEY Semester Fee: TBA Credit: 0.5 9-12**

This course will focus on the Chinese history, culture and basic language. Students will gain an appreciation of the country and its global impact.

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**HEALTH/PHYSICAL EDUCATION DEPARTMENT**

**901 HEALTH Semester Credit: 0.5 9-12**

In health education the student is expected to develop knowledge of the human body and how it functions. The course is designed to introduce and reinforce knowledge of such topics as drug abuse, alcohol and tobacco use, infectious disease, mental illness, first aid and basic knowledge of CPR, and environmental and world health problems. Students are encouraged to research and discuss topics related to their health so as to make responsible decisions concerning their own personal health.

**911 PHYSICAL EDUCATION/ADAPTIVE PE**

**Semester Credit: 0.25 9-12 Fee: \$2.50**

Students will need to pass a total of two semesters during their high school career of physical education. This will fulfill the state requirement for graduation. Activities will be offered providing opportunities to develop skills in lifetime recreational activities, including agility, cardio-fitness, coordination, endurance, gross motor movements, and personal strength fitness through individual, large group and team activities and sports. Students will have an opportunity to learn about devices that will enhance student awareness of their physical fitness level with the use of heart monitors, and pedometers. The class is co-educational in makeup and proper dress, regular attendance, and daily active participation are required.

**917/918 LIFETIME FITNESS Fee \$5.00 Semester Credit: 0.25 9-12**

This course will focus on promoting a healthy lifestyle through proper diet, exercise, cardiovascular endurance and strength training. This class is co-educational. Proper dress, active participation and regular attendance are required.

**704 LIFE SKILLS**

**Semester Credit: 0.5 Fee: TBA 9-10**

This course is designed for Freshmen and Sophomores and includes instruction to promote the development of positive self-esteem, positive relationships with peers, family and community, stress and conflict management and accepting responsibility for one's actions. Additional topics may include: study skills, career planning, goal setting, managing resources and establishing self-discipline.

**INDUSTRIAL TECHNOLOGY DEPARTMENT**

**601 DRAFTING I Full Year Credit: 1 9-12**  
**Fee: \$12.00**

Drafting I is a comprehensive introduction to the graphic language of industry and technology. The course is designed to meet the needs of beginning drafting students, introducing them to modern drafting theory and practice.

**602 DRAFTING II Full Year Credit: 1 10-12**  
**Fee: \$12.00 Prerequisite: Drafting**

Students enrolled in Drafting II will learn to express ideas and convey specific information by means of technical illustration as well as develop abilities to prepare working drawings, read blueprints, and draw clearly and accurately.

**603 ARCHITECTURE I Full Year Credit: 1 10-12**  
**Fee: \$12.00 Prerequisite: Drafting I**

Architecture I is designed as a comprehensive study of the planning and designing of a residential home. It is designed to provide an introductory experience in the complexities of the building construction industry.

**605 ARCHITECTURE II Full Year Credit: 1 11-12**  
**Fee: \$12.00 Prerequisite: Architecture I**

In Architecture II, students will become familiar with computer-aided drawing and design a residential house with a complete set of plans. Emphasis is placed on the individual's ideas of design which incorporate the application of good building considerations and methods.

**621 WOODS I Full Year Credit: 1 9-12**  
**Fee: \$20.00**

The Woods I course deals with the basic skills of woodworking and includes instruction in the use of hand tools needed in working with wood. Emphasis will be placed throughout the course on the proper and safe use of tools and machines used in each activity. Students will learn to use power machines in designing and mass producing products. The course provides an introduction to the types of system used by manufacturing enterprises.

**622 WOODS II Full Year Credit: 1 10-12**  
**Fee: \$20.00 Prerequisite: Woods I**

Woods II places greater emphasis on project development, requiring a fuller and more advanced use of the equipment and principles of carpentry as used in the building of structures. Machine repair and safety is also stressed.

**632 HOME MAINTENANCE Semester Credit: 0.5 9-12**  
**Fee: \$30.00**

Home Maintenance provides experiences in repair and maintenance of common household items and devices. This course will provide a general background of knowledge to assist the “do-it-yourselfer.”

**633 CADD A Semester Credit: 0.5 10-12**  
**Fee: \$12.00 Prerequisite: Drafting I**

In this semester class students will apply principles of drafting and architecture using modern technology. An introduction of the CADD system will be followed by application of drawings from a variety of realistic objects.

**634 CADD B Semester Credit: 0.5 10-12**  
**Fee: \$12.00 Prerequisite: CADD A**

Students may continue from one semester to the second if their schedule permits or take part two of this series at a later time. CADD-B will allow students to work with the skills learned in part 1 to produce drawings assigned as well as create some of their own to create a portfolio of work for the future. We will also cover some more advanced commands and techniques to further productivity using-Auto CAD 2002LT.

**640 INTRODUCTION TO ENGINEERING DESIGN**  
**Project Lead The Way Full Year Credit: 1 9-12**  
**Fee: \$25.00**

This is the first course in a four year sequence of courses which, when combined with traditional mathematics and science courses in high school, introduces students to the scope, rigor and discipline of engineering prior to entering college. Introduction To Engineering Design teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed and communicated using solid modeling computer design. Upper class students will be permitted in the course pending appropriate class size and interest.

**641 PRINCIPLES OF ENGINEERING**  
**Project Lead The Way Full Year Credit: 1 10-12**  
**Fee: \$25.00 Prerequisite: I.E.D. 640**

This course is designed to help students understand the field of engineering /engineering technology. Students will explore various technology systems and manufacturing processes to better understand how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technology change.

**LANGUAGE ARTS DEPARTMENT**

**(English Dept.)**

The objectives of the English language arts program are as follows:

1. To develop and extend the student's knowledge of language structure through reading, writing, listening, visual literacy, and oral communication.
2. To enable the student to construct meaning through reading, writing, listening, visual literacy, and oral communication.
3. To provide learning experiences that will enable students to communicate effectively through reading, writing, listening/viewing, and oral communication.
4. To provide opportunities for students to effectively use reading, writing, listening/visual literacy, and oral communication across the curriculum and throughout their lives.

**COURSE LISTINGS**

**NINTH GRADE ONLY**

<b>REQUIRED: ENGLISH 9</b>	Full Year	Honors
	Full Year	College Survey
	Full Year	Freshman Survey (to be assigned)

**TENTH GRADE ONLY**

<b>REQUIRED: ENGLISH 10</b>	Full Year	Honors
	Full Year	College Survey
	Full Year	Sophomore Survey (to be assigned)

**ELEVENTH GRADE ONLY**

<b>REQUIRED: ENGLISH 11</b>	Full Year	AP/Honors
	Full Year	College Survey
	Full Year	Junior Survey (to be assigned)

**TWELFTH GRADE ONLY**

<b>REQUIRED: ENGLISH 12</b>	Full Year	AP/Honors
	Full Year	College Survey
	Full Year	Senior Survey (to be assigned)

**011 FRESHMAN HONORS Full Year Credit: 1 9**  
**Fee: \$30.00 (Placement is based upon teacher recommendation.)**

Freshman Honors is an accelerated and enriched course for four-year college-bound students with strong interest and ability in language arts. Students must be willing to complete a rigorous year of composition, literature study and analysis, oral communication projects, vocabulary study, and

listening/visual literacy. Individual and group projects abound. Summer reading is also required.

**012 FRESHMAN COLLEGE SURVEY Full Year Credit: 1 9**  
**Fee: \$20.00 (Placement is based upon teacher recommendation.)**

Freshman College Survey is an introduction to literature and the language arts intended to accommodate four-year college-bound students. Heavy emphasis is placed on the study of short stories, poetry, drama, and novels. Frequent and extensive exposure to process writing including narration, exposition, and description provide the foundation for competitive college level composition. Students will experience comprehensive study of vocabulary, grammar usage and mechanics, oral communication, and listening/visual literacy.

**013 FRESHMAN SURVEY Full Year Credit: 1 9**  
**Fee: \$15.00 (Placement is based upon teacher recommendation.)**

Freshman Survey is an introduction to literature and language arts for students whose plans following graduation include college or entry into the job market. This course emphasizes reading comprehension, writing activities, grammar usage and mechanics, vocabulary, oral communication, and listening/visual literacy.

**072 READING Semester Fee \$5.00 Credit: 0.5 9**

This course emphasizes reading comprehension skills, vocabulary development, independent reading, study skills, and reading rate improvement/flexibility. This class is recommended for students who feel they need additional help or would like more opportunities to read independently. Students will work on individual materials at their own pace as indicated by their skills levels and skill needs.

**021 SOPHOMORE HONORS Full Year Credit: 1 10**  
**Fee: \$25.00 Prerequisite: Completed application**

Sophomore Honors is an accelerated and enriched course designed for the four-year college-bound student who is serious about advancing skills in composition, literature analysis, research, oral communication, and listening/visual literacy through intensive study. Vocabulary development preparatory to college entrance exams is also a major component of this course. Composition study emphasizes a variety of writing styles leading to the development of essays and a research paper. Individual and group independent projects abound. In addition, summer reading and writing is required.

**022 SOPHOMORE COLLEGE SURVEY Full Year Credit: 1 10**  
**Fee: \$25.00**

Sophomore College Survey continues and extends the integrated and comprehensive study of analytical reading and writing, plus extensive speaking and listening experiences. In addition, this course includes the challenging

study of all genres of literatures (including classic). Emphasis on a variety of effective methods in building paragraphs and essays, as well as a mandatory research paper, serve as the writing foundation for continuing college preparation. Advanced vocabulary skills and refinement of grammar usage/mechanics are integral components to this course.

**023 SOPHOMORE SURVEY Full Year Credit: 1 10**  
**Fee: \$25.00**

Sophomore Survey serves as an extension of Freshman Survey continuing the integrated study of reading, writing, speaking, and listening for students whose plans following graduation include attending college or entry into the job market. This course is designed to improve student writing, reading, listening, and speaking skills.

**030 AP ENGLISH LANGUAGE/COMPOSITION**

**Full Year Credit: 1 11-12**

**Fee: \$100.00 (includes AP test) Prerequisite: completed application**

The main goal of AP English Language and Composition is to create strong writers who will have the skills to write effectively in their college courses and professional lives. The course engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Students learn how to read critically and do rhetorical and stylistic analysis. They learn that language is a tool people use to create meaning, and that they can use it for their own purposes, whether that be to argue, persuade, describe, define, refute, insist, bemoan, or celebrate. Students will read and write many different kinds of essays: argumentative, expository, analytical, personal, and creative. Reading widely and experimenting with a variety of forms will help students understand how a writer's audience and purpose help to shape his or her material. Students will also work with AP-level writing prompts and timed writings. Students will consider texts rhetorically—that is, look at what a writer is doing and try to figure out how he or she is doing it. This course also stresses the different activities that writers use to move through the production of a piece of writing (prewriting, drafting, revising, and editing). The literature component of this class will focus on American literature. It is understood that students signing up for AP English Language already have the basic skills necessary to handle a high-level composition course. Recommended students must understand the extensive nature of the writing and the intensive nature of the reading and must be willing to respond to the inherent challenges of the course. The course requires much independent work and outside reading. Additionally, another goal of this course will be to improve ACT, SAT, and AP exam scores. Summer reading and writing are required.

**031 JUNIOR HONORS Full Year Credit: 1 11**  
**Fee: \$25.00 Prerequisite: completed application**

Junior Honors emphasizes the development of skills in critical reading and analysis of a variety of texts of recognized literary merit and in writing about literature and related ideas. This course is for students capable of college-level work in English while they are in high school, students willing to devote the energy necessary to complete a demanding course of composition, literature, oral communication, vocabulary, listening/visual literacy, and independent projects. Extensive writings include essays, literary analyses, a research paper, career passport, and writing portfolio. Summer reading and writing are required.

**032 JUNIOR COLLEGE SURVEY Full Year Credit: 1 11**  
**Fee: \$22.00**

Junior College Survey is offered to students whose plans include a four-year college program. Materials for this course include readings in American literature from colonial times to the present, an intensive grammar usage review, vocabulary development, oral communication projects, and writing improvement activities. Students will be exposed to all genres of American literature, including the independent reading of American novels. In addition a research paper, numerous essays, and career passport components are required writings.

**033 JUNIOR SURVEY Full Year Credit: 1 11**  
**Fee: \$15.00**

Junior Survey is designed for students whose plans following graduation include college or entry into the job market. This course includes readings in American literature with selections from the major genres of writing, many with themes relevant to modern society. This course also focuses on the improvement of English usage, increased understanding of the functions of English, writing improvement, vocabulary development, and oral communication. Career Passport components are required writings.

**040 AP ENGLISH LITERATURE/COMPOSITION**  
**Full Year Credit: 1 11-12**  
**Fee: \$100.00(includes AP test) Prerequisite: completed application**

The AP course in English Literature and Composition for juniors and seniors is designed to engage students in becoming skilled readers of prose, poetry, and drama written for a variety of purposes. Their reading and writing will focus on making students aware of the interaction between the writer and his audience, his purpose and subjects as well as the way language and conventions contribute to effectiveness in writing.

The course is designed to enable the student to write in the narrative, expository, analytical, and persuasive/argumentative modes which are most used in college course work across the curriculum. The purpose is to facilitate the reading of complex texts with understanding and the writing of prose with depth and complexity to communicate with mature readers. The course will give students sufficient practice in composing and revision to enable them to experience the college writing process. The AP course already assumes that students understand and use Standard English grammar. Recommended students must understand the extensive nature of the writing and the intensive nature of the reading and must be willing to respond to the inherent challenges of the course. Additional emphasis will be placed on extended vocabulary and its appropriate and effective use, logical, coherent organization with good transition, repetition and emphasis, and balance of general and specific detail. This will be accomplished in relation to the study of British literature, primarily and with the goal of improved scores on ACT, SAT, and AP exams. Summer reading and writing are required.

**047 SENIOR HONORS Full Year Credit: 1 12**  
**Fee: \$25.00 Prerequisite: completed application**

Senior Honors, an accelerated and enriched study of British and world literature for four-year college-bound students with strong interest and ability in reading and analyzing literature, provides students numerous opportunities for individual accomplishment. Student writing stresses critical thinking through literary analysis. Individualized thematic assignments extend growth in analysis and research skills. A senior project is required as well as extensive independent readings and oral presentations. In addition, students will complete summer readings and writings. Seniors must update career passport writings for graduation. Summer reading and writing are required.

**048 SENIOR COLLEGE SURVEY Full Year Credit: 1 12**  
**Fee: \$22.00**

Senior College Survey, designed for the four-year college-bound student, emphasizes the study of British literature from Beowulf to modern times. This course requires extensive college preparatory writing including the production of a research paper or project. There will also be major emphasis on the delivery of speeches and other oral communication projects.

**055 SENIOR SURVEY Full Year Credit: 1 12**  
**Fee: \$18.00**

Senior Survey, the study of various types of British and world literature including independent reading of contemporary novels, is offered to students whose plans following graduation include college or entry into the job market. Skills to develop student self-confidence and poise in everyday oral communication emphasize listening, logical thinking, speech delivery, and

group dynamics. In addition, real life writing experiences will be stressed and integrated language skills will be reviewed as needed.

### **MATH DEPARTMENT**

#### **218 FUNDAMENTALS OF ALGEBRA Full Year Credit 1 9**

Prerequisite: None

This course is designed for the non college prep student. Topics include finding patterns, solving one and two-step equations, integer operations, graphing, rational and irrational numbers, powers and exponents, operations involving fractions, percents, proportions, square roots, Pythagorean theorem, inequalities, parallel lines, triangles and angles. Topics presented in this course are covered in Algebra 1 and Geometry, but are not presented in as much depth. These topics will help prepare students for the OGT.

#### **220 BUSINESS MATH Full Year Credit: 1 11-12** **Fee: \$15.00 Prerequisite: None**

This course emphasizes the use of basic mathematical concepts in everyday personal and business activities. The student will develop competency in managing personal money records, computing wages and taxes, calculating consumer costs and expenses, and keeping various business records. The student will develop skill in the use of an electronic calculator and spreadsheet applications.

#### **222 GEOMETRY Full Year Credit: 1 9-12** **Prerequisite: Algebra (Fundamentals of Algebra) or Algebra I CP**

This course is designed for the vocational track student who plans to attend a two-year college. This course includes the study of relations, properties, transformations and measurements of solids, surfaces, lines and angles. Right triangle relationships, geometric constructions and problem-solving strategies will also be explored. Topics covered are similar to those in Geometry, with less emphasis on proof writing. Students successfully completing this course may enroll in an Algebra II course in the future.

#### **227 ALGEBRA II Full Year Credit: 1 10-12** **Prerequisite: Geometry (Fundamentals of Geometry) or Geometry I CP**

This course is designed for the student planning on attending a two-year community or technical college. The coursework includes the study of one and two variable equations, inequalities, factoring, linear and quadratic functions, conic sections, matrices, radicals, and logarithmic functions. Topics covered are similar to those in Algebra II, but at a different depth and pace. This course is intended to be the third course in a four-year math technical track sequence.

**228 ALGEBRA Full Year Credit: 1 9-12**

This course is designed for the vocational track student who plans to attend a two-year technical college. Topics include variables in open sentences, number properties, linear and quadratic equations and inequalities, problem solving, radicals, and factoring. Topics of this course are similar to those of Algebra I, but are not presented in as much depth. Students successfully completing this course may enroll in a geometry course in the future.

**229 ALGEBRA I COLLEGE PREP. Full Year Credit: 1 9-12**

This course is designed for the student who plans to attend a four-year college or university. Topics studied include variables and open sentences, properties of numbers and their use in problem solving, linear equations and inequalities, special products and factoring, sentences in two variables, functions, and quadratic equations

**230 GEOMETRY COLLEGE PREP. Full Year Credit: 1 9-12**

**Prerequisite: Algebra I CP or Algebra (Fundamentals of Algebra)**

This course is the study of relations, properties, transformations and measurements of solids, surfaces, lines and angles. The processes of deductive reasoning, various techniques of proof writing, right-triangle relationships, geometric constructions and various problem-solving strategies will be explored. The course applies methods learned in Algebra I. The student will experience non-traditional problem-solving activities which are designed to enable the student to examine the relationship of geometry to other branches of mathematics and the real world. A student earning a credit in this course may register for Algebra II; if they successfully completed Algebra I.

**235 HONORS GEOMETRY Full Year Credit: 1 9-12**

**Prerequisite: Algebra I CP**

This is an accelerated course designed for the serious student who is willing and able to cover the concepts of geometry at a much faster rate and in much greater depth than regular geometry. Topics covered include relations, properties, transformations and measurements of solids, surfaces, lines and angles. The processes of inductive and deductive reasoning, various techniques of proof writing, right triangle relationships, geometric constructions and various problem-solving strategies will also be explored. A student earning an A or B in the course may register for Honors Algebra II or Algebra II. A student earning a C or D in this course may register for Algebra II.

**237 ALGEBRA II COLLEGE PREP. Full Year Credit: 1 10-12**

**Fee: Each student should have a graphing calculator.**

**Prerequisite: Geometry CP or Geometry**

This course is designed for the student who is interested in attending a four-year college or has plans for a career in a math or science-related field. The course includes the study of open sentences in one or two variables, factoring,

linear and quadratic equations, linear and quadratic functions, the complex number system, conic sections, exponential and logarithmic functions, as well as sequences and series. A student successful at this level, may register for Pre-Calculus.

**239 HONORS ALGEBRA II Full Year Credit: 1 10-12**

**Fee: Each student should have a graphing calculator.**

**Prerequisite: Honors Geometry or Geometry C.P.**

This is an accelerated class designed for the student who is extremely interested in Mathematics. The course includes the study of open sentences in one or two variables, factoring, linear, quadratic and polynomial equations, the complex number system, conic sections, exponential and logarithmic functions, sequences and series, triangular trigonometric functions, circular trigonometric functions, trigonometric identities, as well as trigonometry applications. A student successful at this level should register for Pre-Calculus.

**244 HONORS PRE-CALCULUS Full Year Credit: 1 11-12**

**Fee: Each student should have a graphing calculator.**

**Prerequisite: Honors Algebra II or Algebra II CP**

This course will prepare the student to begin calculus in college or as a senior in high school. Topics include: the algebra of real and complex numbers, logic for proof writing, algebra of vectors, conic sections, and elementary probability. Functions studied are polynomial, exponential, logarithmic, and trigonometric. Inverse relations and applications of the above functions will be studied along with limits of sequences and functions differentiation. Students will be required to do applied problem solving and take challenging tests.

**245 HONORS CALCULUS Full Year Credit: 1 11-12**

**Fee: Each student is to have a graphing calculator.**

**Prerequisite: Honors Pre-Calculus or Pre-Calculus; completed application**

Honors Calculus is a college-level course which will prepare the student to take the (AB) Advanced Placement Exam. Students in the course will not be required to take the AP exam. Topics studied include: limits, derivatives and their applications, integration and applications and introduction to differential equations.

**246 AP CALCULUS Full Year Credit: 1 11-12**

**Fee: \$100.00**

**Prerequisite: Honors Pre-Calculus or Pre-Calculus; completed application**

AP Calculus AB is a college level course, which prepares students for the AP exam. Emphasis is placed on theoretical aspects of the calculus of functions of a single variable. Topics include limits, polynomial and transcendental functions, the derivative and its applications, the definite integral and its applications, and the techniques of integration.

Students benefit from spending more time on these topics than would be allotted in most calculus courses taken in college.

### **SCIENCE DEPARTMENT**

**301 INTEGRATED SCIENCE I Semester Credit: 0.5 9-12  
Fee: \$6.00**

This is a general science course designed for ninth grade students who are not planning on attending a four year college. The curriculum will follow the Ohio Content Standards for ninth grade science. Physical science topics will be covered through a variety of activities. The physical science topics will include elements and atoms, compounds and mixtures, chemical formulas, metalloids and radioactive elements, and motion. Scientific inquiry, scientific ways of knowing and technology will also be integrated into the course.

**302 INTEGRATED SCIENCE II Semester Credit: 0.5 9-12  
Fee: \$6.00**

This is a general course designed for ninth grade students who are not planning on attending a four year college. The curriculum will follow the Ohio Content Standards for ninth grade science. Physical and earth science topics will be covered through a variety of activities. The physical science topics will include energy and work, waves, states of matter, chemical equations, oxidation, reduction and the PH scale. Earth science topics will include waves, plate tectonics, parts of the earth, ocean currents and land forms, the movement of heat through the earth and orbits. Scientific inquiry, scientific ways of knowing and technology will also be integrated into the course.

**303 INTEGRATED SCIENCE III Semester Credit: 0.5 9-12  
Fee: \$6.00**

This is a general course designed for tenth grade students who are not planning on attending a four year college. The curriculum will follow the Ohio Content Standards for tenth grade science. Life Science topics will be covered through a variety of activities. The life science topics will cover cell structure and function, heredity and genetics, life changes over time and classification. Scientific inquiry, scientific ways of knowing and technology will also be integrated in the course.

**304 INTEGRATED SCIENCE IV Semester Credit: 0.5 9-12  
Fee: \$6.00**

This is a general course designed for tenth grade students who are not planning on attending a four year college. The curriculum will follow the Ohio Content Standards for tenth grade science. Life science and earth science topics will be covered through a variety of activities. The life science topics will include interactions of living things and their environment, nutrients, kingdoms and photosynthesis. Earth science topics will include the rock record, severe

storms and climate. Scientific inquiry, scientific ways of knowing and technology will also be integrated in the course.

**305 INTEGRATED SCIENCE V Semester Credit: 0.5 11-12  
Fee: \$6.00**

This is a general course designed for eleventh grade students who are not planning on attending a four year college. The curriculum will follow the Ohio Content Standards for eleventh grade science. Earth science topics will be covered through a variety of activities. The earth science topics will include such things as layers of the earth, motions of the earth, ecosystems and resources. Scientific inquiry, scientific ways of knowing and technology will also be integrated in the course.

**306 INTEGRATED SCIENCE VI Semester Credit: 0.5 11-12  
Fee: \$6.00**

This is a general course designed for eleventh grade students who are not planning on attending a four year college. The curriculum will follow the Ohio Content Standards for eleventh grade science. Life and earth science topics will be covered through a variety of activities. The life science topics will include environmental issues and ecosystems. Physical science topics will include radioactive elements and energy transformation. Scientific inquiry, scientific ways of knowing and technology will also be integrated in the course.

**322 BIOLOGY Full Year Credit: 1 9-12  
Fee: \$10.00 Prerequisite: Earth/Physical Science or teacher  
recommendation**

This course is for the college bound student. The curriculum will follow the Ohio Academic Content Standards for 10<sup>th</sup> grade science. Principles of earth science and life science will be included. Emphasis will also be placed on science and technology, scientific inquiry, and scientific ways of knowing.

**323 CHEMISTRY Full Year Credit: 1 10-12  
Fee: \$33.00 Prerequisite: A grade of "C" or higher in CP Algebra I,  
Biology and passing the science and math sections of the OGT if taken, or  
teacher recommendation.**

This is a traditional chemistry class that has a strong emphasis on laboratory activities. Topics covered should include atomic structure, the periodic table, molecular and ionic compounds, chemical reactions, states of matter, solution chemistry and acids and bases.

A successful student should have a strong work ethic and be competent in math skills. Although this course is not as competitive or goes into the subject matter as deeply as in Honors Chemistry, a student who is successful in this course should be prepared for additional chemistry courses in college.

**324 PHYSICS Full Year Credit: 1 11-12**  
**Fee: \$10.00 Prerequisite: Chemistry/Honors Chemistry, Geometry and enrolled in Algebra II or higher math, or teacher permission.**

Physics is intended to be a survey of the very basic concepts of classical physics. The major topics to be covered include the following: measurement and the metric system, speed, acceleration, force, weight, vectors, momentum, projectile motion, gravitation, work, power, energy, waves, the nature of light, reflection, refraction, mirrors, lenses and diffraction. If time permits, the following topics may be briefly examined: static electricity, series and parallel circuits, and magnetism and relativity.

**325 EARTH/PHYSICAL SCIENCE Full Year Credit: 1 9-12**  
**Fee: \$11.00 (This includes safety goggles.)**

This course is for the college bound student. The curriculum will follow the Ohio Academic Content Standards for 9<sup>th</sup> grade science. Principles of earth and space science, physical science, and chemistry will be included. Emphasis will also be placed on science and technology, scientific inquiry, and scientific ways of knowing.

**330 AP BIOLOGY Full Year Credit: 2 11-12**  
**Fee: \$135 (includes AP test)**

**Prerequisite: Biology (Honors recommended) and Chemistry/Honors Chemistry and completed application.**

This course is designed to provide an in-depth study of some of the major concepts of biology. These concepts include, but are not necessarily limited to: cellular function, biochemistry, cellular energy exchanges, protein synthesis, genetics, evolution, population dynamics, animal biology and physiology, and plant biology and physiology. Other topics may be included as class interest and time permit.

Teaching methods include extensive textbook readings as well as lectures, discussions, and laboratory experiences. Students electing this course should be highly motivated and willing to move at a fast rate. Evaluation is based upon quizzes, tests, lab reports, and papers. A college level text and lab book will be used in this course. Summer reading and writing is required.

When a student reaches the score designated by a college or university, that college or university may give college credit for taking an AP Examination.

**331 HONORS BIOLOGY Full Year Credit: 1 9-12**  
**Fee: \$10.50 Prerequisite: Earth/Physical Science; Teacher recommendation and completed application.**

This course is for the college bound student who is interested in a science related career. The curriculum will follow the Ohio Academic Content Standards for 10<sup>th</sup> grade science. Principles of earth science and life science will be included. Emphasis will also be placed on science and technology, scientific

inquiry, and scientific ways of knowing. This course will be rigorous and will challenge the student beyond the regular biology curriculum.

**332 HONORS CHEMISTRY Full Year Credit: 1 10-12**  
**Fee: \$36.00 Prerequisite: Honors Biology, Biology and completed application**

Honors Chemistry is an intensive laboratory course for the science-math oriented student. Instruction makes use of the discovery method, which lends itself effectively to the teaching of the scientific method. Basic principles of chemistry are emphasized throughout with traditional, descriptive chemistry minimized. Students who want the most challenge and desire to cover the most topics should take this course. This course will best prepare students for additional chemistry at the college level.

**333 HONORS PHYSICS Full Year Credit: 1 11-12**  
**Fee: \$10.00 Prerequisite: Chemistry/Honors Chemistry, Geometry and enrolled in Algebra II or higher math, or teacher permission.**

Honors Physics will cover all of the classical concepts included in regular Physics, but at a much faster rate and in much greater depth. Therefore, the following additional topics may be covered: torque, angular displacement, angular velocity, angular acceleration, angular momentum, simple harmonic motion, particle nature of light, wave nature of light, interference, lasers, holography, and electromagnetic waves. It is unlikely, but, if time permits, Einstein's special theory of relativity may be briefly examined. Students should have a mastery of algebra and should be prepared to work hard. The class will require considerable homework and will demand some original thought. Only dedicated students should consider taking this course.

**334 AP PHYSICS FULL YEAR CREDIT: 2 11-12**  
**FEE: \$130 (includes AP test)**  
**Prerequisite: Chemistry/Honors Chemistry, Geometry and enrolled in Algebra II or higher math, and teacher recommendation.**

This course provides a systematic introduction to the main principles of physics and emphasizes the development of conceptual understanding and problem solving ability using algebra and trigonometry. These principles include, but are not limited to: kinematics, Newton's Laws, work, energy, power, linear momentum, circular motion, gravitation, fluid mechanics, thermodynamics, electrostatics, capacitors, circuits, magnetism, wave motion, optics, atomic physics, and nuclear physics Other topics may be included as class interest and time permit. Teaching methods include extensive textbook readings as well as lectures, discussions, and laboratory experiences Students electing this course should be highly motivated and willing to move at a fast rate. Evaluation is based upon quizzes, tests, lab reports, and papers. A college level text and lab book will be used in this course. Summer reading and writing

may be required. When a student reaches the score designated by a college or university, that college or university may award credit for taking the AP Exam.

**335 AP CHEMISTRY Full Year Credit 2 11-12**  
**Fee: \$152.00 Prerequisite: Algebra II, Honors Chemistry with a course grade of B or higher, or teacher permission/recommendation.**

This course is designed to be the equivalent of the general chemistry course taken during the first year of college. For some students, this course will enable them to undertake, as a college freshman, second year work in the chemistry sequence at the college level or to register for courses in other fields where general chemistry is a prerequisite. For other students, the AP chemistry course fulfills the laboratory science requirement and frees time for other courses.

This course differs from Honors Chemistry in the topics covered and the depth of topics. In this course, the emphasis is on chemical calculations, the kind of laboratory work done by students and the time they spend on the course.

Summer work will be required for all students. Taking the AP exam is a requirement to finish the course. The topic outline for this course can be found at [www.collegeboard.com/student/testing/ap/chemistry/topic.html](http://www.collegeboard.com/student/testing/ap/chemistry/topic.html).

Students should take AP classes in science only if they will be taking science classes through physics.

#### **SOCIAL STUDIES DEPARTMENT**

**401 WORLD STUDIES Full Year Credit: 1 9-12**  
**Fee: \$3.00**

This course is a survey of modern world history from the Enlightenment to the present with a focus on political and economic systems.

**402 AMERICAN PROBLEMS Semester Credit: 0.5 9-12**

This course will involve the study of current problems and possible solutions of problems facing America. The emphasis of the class will be current events and the impact they have on society. Class participation is an important part of the makeup and structure of the course.

**403 CRIMINAL JUSTICE Semester Credit: 0.5 11-12**

Criminal Justice includes a survey of the criminal justice system in the United States. The emphasis is on crime, cops, courts, corrections and their operation, origins and organization. This course includes mature subject matter using outside speakers and contemporary, reality based case studies. Several segments of recent movies are used as a basis for discussion on topics within the criminal justice field. Career tracks are also explored for those interested in further study.

**421 PSYCHOLOGY Semester Credit: 0.5 11-12**  
Psychology I is the study of human behavior. The student will discover what psychologists have learned about why people do what they do. At the same time, students will make some discoveries about their own life and behavior. Behavior (normal and abnormal), perception, intelligence, emotions, and personality development are included in the topics covered. In-class group activities and experiments are used as well as audio-visual aids.

**424 SOCIOLOGY Semester Credit: 0.5 10-12**  
Sociology helps to develop an understanding of our society. It examines group interaction, community organization, the nature of our population and social institutions. Students will study contemporary social issues and gain appreciation for the social diversity in our complex social world.

**430 AP U.S. HISTORY Full Year Credit: 1 11-12**  
**Fee: \$100.00 (includes AP test) Prerequisite: completed application.**  
The AP program in United States History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials-their relevance to a given interpretive problem, their reliability, and their importance-and to weigh the evidence and interpretations presented in historical scholarships. An AP United States History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Summer reading and writing is required.

**431 AMERICAN HISTORY Full Year Credit: 1 10-12**  
This is a survey of the political, social, and economic history of the United States. Its emphasis is from post-Civil War to the present.

**441 AMERICAN GOVERNMENT Semester Credit: 0.5 12**  
**Fee: \$3.00**  
American Government is a study of the political and economic system of the United States, including local, state, and national levels, elections, political parties, political thought, finance, and the problems and issues faced by modern society.

## ADDITIONAL PROGRAMS/ELECTIVES

### **SERVICE LEARNING BLOCK – 3 Credit Hours**

Career Comm. Training 1 Credit Hour  
Contemporary Issues 1 Credit Hour  
Senior CCT English 1 Credit Hour

### **050 SENIOR CCT ENGLISH Full Year Credit: 1 12**

**Fee: \$22.00 Prerequisite: Member of CCT Program**

This year-long course has been designed to prepare students possessing moderate to high verbal proficiency for their college-level studies and/or their future personal and social development. It will emphasize the refinement and mastery of reading, writing, research, and critical-thinking skills. In a unique manner, this course will also draw in and integrate into its study the students' community service experiences and their curriculum in contemporary social issues. In doing so, the students will examine the historical, cultural, philosophical, and literary themes of man in his social context, reflect on and synthesize their "real world" social service into their reading and writings, and have the opportunity to develop pragmatic communication and interpersonal skills found outside the traditional academic classroom.

### **071 OGT LANGUAGE ARTS Semester Credit: 0.5 11-12**

This class is designed for 11<sup>th</sup> and 12<sup>th</sup> grade students who have not passed the Ohio Graduation Test. The curriculum will further develop the Ohio Academic Content Standards for 9<sup>th</sup> and 10<sup>th</sup> grade language arts. The class will emphasize the topics covered on the OGT for which the students need the most remediation.

### **081 ORIAN Full Year Credit: 1 9-12**

**Prerequisite: completed application and permission**

Students will learn to design layouts, write copy and headlines, conduct interviews, take and proportion photos after cropping in order to assemble the ORIAN. Because ORIAN is a self-supporting school activity, all students must sell advertising space using business procedures and forms. When requested, students will design ads. Application forms must be received for consideration during spring registration.

**NOTE: STUDENTS MUST PARTICIPATE FOR A FULL YEAR.**

### **082 JOURNALISM Full Year Credit: 1 9-12**

**Fee: \$10.00 Prerequisite: completed application and permission only**

Students will learn to interview people, write articles, edit copy, design layouts, write headlines, sell advertising, and take photographs for the school's newspaper, The Original. Students will work individually to complete stories to meet the editor's deadlines. In addition, students will fulfill class assignments

designed to improve writing and journalistic techniques. Students will learn to use a desktop publishing program for the Macintosh to edit and layout newspapers. Students will be expected to participate in periodic after-school work sessions. A completed application, which includes a recommendation from the current English teacher, must be approved by the Journalism Advisor prior to registration for the class. Applications can be obtained from the Guidance Office.

**216 OGT MATHEMATICS Semester Credit: 0.5 11-12**

This course will emphasize the competencies required by the State of Ohio on their State required tests: fundamental operations of arithmetic, data analysis, measurements, geometry, and algebra. Students who have not passed the math section of the OGT, will be enrolled in this course. The class will work with Study Island preparatory applications and other study materials.

**310 OGT SCIENCE Semester Credit ½ 11-12**

This class is designed for 11<sup>th</sup> and 12<sup>th</sup> grade students who have not passed the Ohio Graduation Test. The curriculum will further develop the Ohio Academic Content Standards for 9<sup>th</sup> and 10<sup>th</sup> grade science. The class will emphasize the topics covered on the OGT for which the students need the most remediation.

**426 CAREER COMMUNITY TRAINING  
Full Year Credit: 1 12**

This course is designed to provide the student with unique developmental experiences in a specific field of interest. Career community service, within an educational context, affords the student “hands on” experiences in the real world and the opportunity to reflect on, evaluate, and assimilate them into his/her classroom learning and career personal development. Additionally, the student benefits from having the opportunity to explore a chosen career field of interest, with the understanding that the selected placement should reflect a personal future career interest. **NOTE: Teen Teaching is now combined with the CCT program and is not a separate class.**

**427 CONTEMPORARY SOCIAL ISSUES Full Year Credit: 1 12**

Contemporary Social Issues is the Social Studies component of the Career Community Service Program. This course will primarily focus on studying and discussing current social issues as they are found in classical literature, contemporary readings, current events, and career community service. With this format, students will be able to relate their classroom learning to their career community service experiences. Students will benefit from this course by gaining a better understanding of the important issues facing our society today and in the future; achieving a greater appreciation for the diversity of American society, and, developing skills that will enhance their understanding of and commitment to social and civic responsibility.

**432 OGT SOCIAL STUDIES Semester Credit: 0.5 11-12**

This class is designed for 11<sup>th</sup> and 12<sup>th</sup> grade students who have not passed the Ohio Graduation Test. The curriculum will further develop the Ohio Academic Content Standards for 9<sup>th</sup> and 10<sup>th</sup> grade social studies. The class will emphasize the topics covered on the OGT for which the students need the most remediation.

**EDUCATIONAL OPTIONS/ Semester/Full year  
FLEX – CREDIT Credit - to be determined 9-12**

Students may sign up for an Educational Options/Flex Credit class when a course they would like to choose is not offered at Marietta High School or when schedule conflicts will not allow that student to take a course. For more information, see your guidance counselor.

**Students must have all academically related financial obligations resolved before he/she can be cleared for graduation.**

**Marietta City Schools  
Educational Planning – Recommended Course Sequence**

<b>7<sup>th</sup> Grade Year</b>			
<b>Career Prep</b>	<b>Tech/Jr. College</b>	<b>College Prep</b>	<b>Advanced</b>
Language Arts 7	Language Arts 7	Language Arts 7	TAG Language Arts
Math 7	Math 7	Math 7	Pre-Algebra
Keyboarding for HS cred.	Keyboarding for HS cred.	Keyboarding for HS cred.	Keyboarding for HS cred.
Social Studies 7	Social Studies 7	Social Studies 7	Social Studies 7
Science 7	Science 7	Science 7	Accelerated Science 7
<b>8<sup>th</sup> Grade Year</b>			
<b>Career Prep</b>	<b>Tech/Jr. College</b>	<b>College Prep</b>	<b>Advanced</b>
Language Arts 8	Language Arts 8	Language Arts 8	TAG Language Arts
Pre-Algebra	Pre-Algebra	Pre-Algebra	Algebra I College Prep
Science 8	Science 8	Science 8	Earth/Physical Science
American History	American History	American History	American History

to Reconstruction	to Reconstruction	to Reconstruction	to Reconstruction
<b>Freshman Year</b>			
<b>Career Prep</b>	<b>Tech/Jr. College</b>	<b>College Prep</b>	<b>Advanced</b>
Freshman English Survey	Freshman English Survey or College Survey	Freshman College Survey or English Honors	Freshman English Honors
Algebra I	Algebra I or Algebra I College Prep	Algebra I College Prep	Honors Geometry
World Studies	World Studies	World Studies	World Studies
Integrated I/II (Earth/Phys)	Earth/Physical or Integrated I/II	Earth/Physical	Honors Biology
PE or PE waiver option	PE or PE waiver option	PE or PE waiver option	PE or PE waiver option
<b>Sophomore Year</b>			
<b>Career Prep</b>	<b>Tech/Jr. College</b>	<b>College Prep</b>	<b>Advanced</b>
Sophomore English Survey	Sophomore Engl Survey or College Survey	Sophomore College Survey or English Honors	Sophomore English Honors
Geometry	Geometry or Geometry College Prep	Geometry College Prep	Honors Algebra II
American History	American History	American History	American History
Integrated III/IV (Biology)	Biology or Integrated III/IV (Biology)	Biology or Honors Biology	Honors Chemistry
PE or PE waiver option	PE or PE waiver option	PE or PE waiver option	PE or PE waiver option
Health	Health	Health	Health
<b>Junior Year</b>			
<b>Career Prep</b>	<b>Tech/Jr. College</b>	<b>College Prep</b>	<b>Advanced</b>
Washington County Career Center	Junior English Survey or College Survey	Junior College Survey or English Honors	AP English Language and Composition
Washington County Career Center	Bus Math or Alg II (before CORE) Alg II or Alg II CP (after CORE)	Algebra II College Prep	Pre-Calc/Honors
Washington County Career Center	Social Studies Electives	Social Studies Electives	AP American History or SS Electives
Washington County Career	Int.Science V/VI or Chemistry	Chemistry or Honors	AP Bio or AP Chem and/or

Center		Chemistry	Honors Physics
<b>Senior Year</b>			
<b>Career Prep</b>	<b>Tech/Jr. College</b>	<b>College Prep</b>	<b>Advanced</b>
Washington County Career Center	Senior English Survey or College Survey	Senior College Survey or English Honors	AP English Literature and Composition
Washington County Career Center	Business Math (4th math credit after CORE)	Pre-Calc/Honors (Possible Statistics Class after the CORE)	Honors Calc/AP Calc
Washington County Career Center	Government and SS Electives	Government and SS Electives	AP Government
Wash. Co. Career Center		Physics or Honors Physics	AP Biology or AP Chemistry

In addition, state minimum requirements for the classes of 09-13 require one credit of Business/Industrial Technology, Fine Arts or Foreign Language and five hours of electives.

The class of 2014 and beyond will need five credits of electives from the following:

Foreign Language, Fine Arts, Business, Career-Technical Education, Family and Consumer Sciences, Technology, Agricultural Education, or English Language Arts, Mathematics, Science, or Social Studies courses not otherwise required. Fine Arts to include two semesters.

REMEMBER THAT THIS INSTRUMENT IS A "GUIDE" AND SHOULD BE USED AS A TOOL TO HELP STUDENTS FORMULATE THEIR YEARLY HIGH SCHOOL SCHEDULE. IT IS NOT AN ALL ENCOMPASSING DOCUMENT. THE GUIDANCE DEPARTMENT AND THE ADMINISTRATION OF MARIETTA HIGH SCHOOL RESERVE THE RIGHT TO MAKE FINAL DETERMINATION ON ALL COURSE OFFERINGS AND STUDENT SCHEDULES.