
William Mason High School

Course Catalog 2012-2013

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GRADUATION REQUIREMENTS:

Essentially it is the student's responsibility to see that requirements for graduation are met. The high school will make every effort to keep up-to-date records and to inform the student and parents about the student's progress toward the completion of graduation requirements. However, it is the student's responsibility to be acquainted with the necessary requirements to meet this goal.

A minimum of 24 credits is required for graduation.

Specific credits required by the Mason Board of Education are:

- English I, II, III, IV**..... **4 credits**
 - Math** (including Algebra I, Geometry, Algebra II) **3 credits** (Class of 2012 & 2013)
4 credits (Class of 2014 +)
 - Science** (including Physical Science, Biology, Chemistry + .5 credit science)..... **3 credits**
 - Social Studies** **3 credits**
(including 1 credit: World History, 1 credit: American History or AP American History, .5 credit: AP European History or Economics or Modern Political & Econ Issues or Contemporary Social Issues*, & .5 credit: American Government or AP Amer Govt)
 - *Students completing AP American History and/or AP Euro are NOT required, but encouraged to take Economics, Modern Political & Economic Issues, or Contemporary Social Issues.**
 - Physical Education** (including .25 P.E. + .25 elective P.E.)..... **0.5 credits OR P.E. Waiver**
(see below)
 - Health**..... **0.5 credits**
 - ECA (Enhanced Communication Applications)**..... **0.5 credits**
 - Financial Literacy**..... **0.5 credits**
 - Fine Arts**..... **1 credit** (Class of 2014+)
- + elective credits = 24 credits to graduate**

All students must pass all 5 sections of the Ohio Graduation Test (OGT) to receive a diploma & participate in commencement.

OGT tests are given three times each year, in October, March and June. A student must only retake the test in the area that has not been passed. A student will have up to seven opportunities to pass the test by the end of their senior year. Students who move into the Mason district from out-of-state or from a nonparticipating school must also meet these particular proficiency standards.

Physical Education Waiver Option:

This Physical Education Option is available to students (grade 9-12) participating in Mason High School Interscholastic Sports, Cheerleading, and/or the Marching Band/Flag Corp (see below for a complete list). Daily participation paralleling an official sport season must be successfully completed and approved by each respective coach/director. [Qualifying Mason High School Activities:](#)

- | | | | |
|------------------------------|---------------------------------|-------------------|--------------------------|
| Football | Cross Country | Golf | Tennis |
| Sideline Cheerleading | Competition Cheerleading | Volleyball | Basketball |
| Water Polo | Swimming/Diving | Wrestling | Gymnastics |
| Baseball | Dance Team | Softball | Track & Field |
| Lacrosse | Comet Skippers | Bowling | Marching Band |
| Soccer | | | |

To qualify for the Physical Education Waiver, a student must complete two (2) full-seasons in one or more qualifying activities. Once successfully completed, the two (2) Physical Education classes (1/4 credit each) required to meet MHS graduation requirements will be waived. As well:

1. No extra/co-curricular activity (participation) prior to August 2011 can be counted toward the PE waiver.
2. A student cannot mix one P.E. class with one activity to meet the MHS graduation requirement. A student must successfully complete two activities or successfully complete two P.E. classes to meet the graduation requirement.
3. No credit is earned toward graduation requirements for participation in the activities. Students opting for the PE waiver will be required to fulfill the minimum 24 credits for graduation by successfully completing another class offering.
4. The P.E. waiver does **NOT** include Health. All students are required to successfully complete Health class to meet the graduation requirement.
5. **Student must submit P.E. Waiver documentation within 2 weeks of activity completion.**

College Entrance Recommendations:

College entrance requirements **vary**. The following courses are recommended for a **strong** college preparatory program.

English.....	4 credits
Mathematics.....	4 credits
Science.....	4 credits
Social Studies.....	4 credits
Foreign Language.....	2-3 credits
Fine Arts.....	1 credits

Ohio Honors Diploma Criteria:

High School Academic Diploma with Honors Students need to fulfill only 7 of the following 8 criteria:	
Subject	Criteria
English	4 units
Mathematics	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
Science	4 units, including physics & chemistry
Social Studies	4 units
Foreign Language	3 units of one language, or 2 units each in 2 different languages
Fine Arts	1 unit
Grade Point Average	3.5 on a 4.0 scale
ACT/SAT Score (excluding scores from the writing sections)	27 ACT/ 1210 SAT

Award of Merit

The requirements listed below have been adopted for the "Award of Merit." This certificate will be awarded by the State Board of Education to all those who meet the CRITERIA specified in A and C or B and C.

- A. College Preparatory Requirements – complete the following minimum requirements:
1. English – 4 units (may include 1 unit of fundamentals of speech)
 2. Mathematics – 3 units (must include 1 unit of algebra and 1 unit of geometry)
 3. Science – 3 units (must include 2 units from among biology, chemistry, and physics)
 4. Social Studies – 3 units (must include 2 units of history and ½ unit of civics or government)
 5. Foreign Language – 3 units (must include no less than 2 units of any language for which credit is sought, i.e., 3 units of one language or 2 units each of two languages)
 6. Complete 2 units from one or more of the following, or 2 additional units from one or more of the areas listed in A.1 through A.5 above.
 - a. Business
 - b. Computer Science
 - c. Visual or Performing Arts
- Courses, for which high school credit has been awarded in the eighth grade, or as part of the post-secondary option, apply to the criteria for the "Award of Merit."
- B. Career-Technical Curriculum Requirements:
1. Complete a career technical preparation program
 2. Complete the following curriculum requirements:
 - a. English – 4 units
 - b. Mathematics – 3 units
 - c. Science – 2 units
 - d. Social Studies – 3 unitsApplied academic credits earned via vocational education shall apply to the criteria for the "Award of Merit."
 1. Complete two units from one or more of the following, or two additional units from one or more of the areas listed in B.2 above:
 - a. Business
 - b. Computer Science
 - c. Foreign Language
 - d. Visual or Performing Arts
- C. Performance Criteria (Applies to both curricula):
1. Maintain above average attendance for grades nine through twelve (compared to a rolling four-year state average).
 2. Demonstrated outstanding achievement in the curriculum as evidence by one of the following: earning the equivalent of an overall grade point average of 3.25 on a four-point scale for grades nine through twelve; earning the equivalent of an overall grade point average of 3.5 on a four-point scale for grades eleven and twelve; or ranking in the top 25% of the class, whichever is more inclusive.

MHS Award's Program and Recognition of Laude Students

Each spring, students at MHS are recognized for achievements in and out of the classroom. The awards listed below were established by a committee of board members, administrators, counselors, parents and students. Students who have achieved an excellent GPA (calculated after 11 trimesters) will be designated by the following titles:

- Summa cum laude: students who have earned a 4.0 or above
- Magna cum laude: students who have earned a 3.75 to 3.99
- Cum laude: students who have earned a 3.51 to 3.74

Outstanding Classroom Awards – These are awarded to individual students by the academic departments at MHS. Teachers recognize students who have completed outstanding work in the classroom. This is not an award that is based on grades. It is given to students who show their best.

Yearly Academic Awards - Students must obtain at 3.6 each individual trimester to receive a yearly award.

- 9th grade: 3.6 fall trimester and 3.6 winter trimester
- 10th grade: 3.6 spring of 9th grade, and fall and winter 10th grade
- 11th grade: 3.6 spring of 10th grade, and fall and winter of 11th grade
- 12th grade: 3.6 spring of 11th grade, and fall and winter of 12th grade

Principal's Awards – This award recognizes a student's cumulative GPA, and is separated into three individual tiers.

- 4.0 and above
- 3.75 to 3.99
- 3.51 to 3.74

Grade Point Average Calculation

All grades earned at Mason High School will count in the calculation of the student's grade point average. Grade point averages will be calculated and rounded to two decimal places. Advanced Placement/Honors courses in which a grade of "C" or higher is earned will receive a .030 add-on per trimester for each designated course. Post-secondary courses are calculated into the student's grade point average.

Class Rank Determination

Class rank is not reported. Seniors who require class rank for scholarships must see their guidance counselor. In determining valedictorian and salutatorian (rank of number one and number two respectively), class rank will be figured at the end of eleven trimesters. To be eligible for valedictory or salutatory honors, a student must have attended William Mason High School for six trimesters, including all three trimesters of the senior year.

Students who finish high school at the end of their second trimester of their senior year are not eligible for valedictorian or salutatorian honors.

The principal will select students for these honors on the basis of the cumulative grade point average after the second trimester of the senior year.

GPA & Class Rank Policy for Students Transferring to MHS

Students who transfer to Mason High School from another district will be eligible to receive weighted credit in all courses that are comparable to the honors or Advanced Placement courses that Mason High School offers. Transfer students will receive weighted credit for only those courses. Honors courses not offered at Mason High School that are on a student's transcript will not receive the .030 add-on but will be designated with their original title. Determining valedictorian and salutatorian class rank will be figured at the end of 11 trimesters. To be eligible for valedictory or salutatory honors, a student must have attended William Mason High School for 6 trimesters, including all three trimesters of the senior year.

Educational Options/Opportunities

Career Education Programs via Great Oaks Joint Vocational Schools

Requirements needed by the end of sophomore year:

English.....	2 credits
Mathematics/Science.....	3 credits (at least 1 credit of Math & at least 1 credit of Science)
Social Studies.....	1 credit
Physical Education.....	1/2 credit
Health.....	1/2 credit

Credits Earned at Mason Middle School

High school coursework completed at the middle school level will count toward minimum graduation requirements if:

1. The course is taught by a teacher that is licensed or certified for teaching the course in high school, **and**
2. The course meets the high school curriculum requirements as designated by the Board of Education.
3. Such coursework **shall not** be part of a high school student's GPA **unless the course is physically taken at the high school.**

Dual Credit Opportunities

Dual Enrollment involves the student being enrolled in high school while concurrently being enrolled at Cincinnati State, Sinclair Community College, or the University of Cincinnati Clermont College and receiving both high school credit (Carnegie units) and college credit from the listed colleges. Mason has been fortunate to partner with these colleges and currently offer the courses listed below. Course college credit varies according to the school. Note: There is an additional fee for enrollment, at the discretion of each particular college.

<u>Course</u>	<u>Partnering College</u>
Financial Literacy	Sinclair Community College Courseview Campus or University of Cincinnati (except during Summer School Financial Literacy)
CAD-Computer Aided Design	Sinclair Community College Courseview Campus
Computer Applications for College	Sinclair Community College Courseview Campus
Honors Financial Accounting	Cincinnati State
Microsoft Office Certification	Microsoft Corporation

Tech Ready Competency Certification and Articulation Agreements

Note: Any students interested in obtaining certification must begin program by their sophomore year.

The Mason High School Tech Ready Certification Program provides a seamless educational curriculum in grades 9 through 12 that could lead to advanced standing in selected programs at several local colleges. In addition, through the integration of academic, technological, and employability skills, students may be eligible to enter technology occupations immediately after high school graduation. Students can earn a Mason High School certification by demonstrating specific competencies in the selected Tech Ready Program. Students must have not academic deficiencies and complete all listed courses with a grade of "C" or better to earn a competency certificate from Mason High School for a particular program.

Listed below are the Mason High School Tech Ready Programs and course requirements for competency certification. Articulation agreements currently exist between Mason and the University of Dayton, Miami University, and Cincinnati State. These agreements may allow the bearer to test out of college coursework and/or receive college credit or exemption(s).

See course descriptions as listed under appropriate department. Where required, prerequisites are indicated.

Business Technology

Business Department

Enhanced Computer Applications (ECA)

Computer Applications for College or MCAS/MOS/Microsoft Office Cert.

Honors Accounting I or Accounting I

Intro to Web Design

Personal Finance/Financial Literacy or Intro to Banking or Entrepreneurs in Action

Social Studies Department

Economics

CAD Technology

Applied Technology Department

Computer-Aided Design (CAD)

Advanced AutoCAD A & B

Engineering or Architecture CAD

Computer Graphic Applications

Digital Imaging Design I, II & III

Web Design & Management OR

Yearbook OR Journalism

CNC Technology

Applied Technology Department

Computer-Aided Design (CAD)

CAM "A & B"

CNC Machining

Computer Programming

Mathematics Department

Computer Programming I

Honors Computer Programming II

Honors Computer Programming III

AP Computer Science

Advanced Placement Classes

In preparation for the college experience, students are encouraged to take Advanced Placement classes in their areas of interest or strength. Colleges and universities look favorably upon students who take rigorous courses of study. AP test results of 3, 4, or 5 may qualify students for college credit. Advanced Placement classes not only prepare students for college, but can also translate into financial savings.

INTRODUCTION

The Advanced Placement Program (AP) program is a set of college-level courses taught by your high school teachers. The course content and syllabus are written by the College Board (university professors and AP teachers) to provide the academic rigor and challenge of a Freshman college course. Many state universities accept a score of "3" or above out of a 5-point scale on the AP exam in May as evidence that the student has met the requirements for a college course. This allows students to earn college credits while still in high school.

WHO TAKES AP COURSES?

AP courses are open to all students. Some AP courses have pre-requisite courses necessary for enrollment, while others have recommended coursework. Please refer to the appropriate section of this course description book for details on the courses that interest you. Students who choose to enroll in an AP course seek academic challenge and recognize that they will be reading college-level textbooks and completing college-level assignments throughout the course. They will find that the course pacing is accelerated compared to honors courses they have taken and that the work load is more demanding. A typical AP student will experience up to an hour of homework per night, plus additional assignments on the weekends.

Students who are successful in AP courses have a strong interest in the subject they are taking, are self-motivated learners, and have effective self-monitoring skills such as time management, task planning, and seeking assistance when needed.

Students interested in taking AP courses are encouraged to take courses that will help them prepare for the analytical skills, reading skills, and writing skills necessary for a college-level course. While all college-prep classes include the use of these skills, students will find that honors-level courses, where offered, will help them develop those skills more fully.

WHAT DOES A WEEK IN THE LIFE OF AN AP STUDENT LOOK LIKE?

Each AP offers a unique set of requirements and challenges for students, so it is difficult to summarize how each experience will look. However, it may be helpful to look at AP United States History as an example as it is the only course offered at the Sophomore year and the first AP course many students take.

A typical week for an AP U.S. History student would include:

- Reading up to 20 pages per night in a college-level history textbook
- Reading quizzes
- A weekend Document-Based Question assignment where they are asking to interpret a set of 10-12 primary source documents and write an essay
- Participation in required class discussions, such as a debate or Socratic seminar

The “Day in the Life of an AP Student” readings and assignments can be located on the Guidance Department page on Edline (www.edline.net). All students considering AP U.S. History are asked to complete the “Week in the Life of an AP Students” assignments as a way of experiencing the course rigor prior to signing up for the course.

Independent Study

The opportunity for Independent Study is made available to the student who has the time, energy, and motivation to pursue additional work. This program is not designed to take the place of regular courses that are offered in the curriculum, but to broaden it by offering the opportunity for the in-depth study of a topic of interest. The student designs his/her course of study with the assistance of a teacher-advisor. In addition to Independent Study, the student enrolled is required to carry four courses per day.

Independent Study cannot replace minimum graduation requirements.

Credit Flexibility

Credit flexibility shifts the focus from “seat time” to performance. Students can earn units of high school credit based on an individually approved credit flexibility plan. The intent of credit flexibility is to meet increased expectations for high school graduation in response to globalization, technology and demographics, and to meet the demand for 21st century skills. Students can earn high school credit by:

1. completing coursework;
2. showing mastery of course content;
3. pursuing an educational option and/or an individually approved option and/or
4. any combination of the above.

Credit Flexibility Applications are available on Edline and in the Guidance Department. We highly encourage any student Interested in Credit Flexibility to schedule a meeting with their guidance counselor to learn more information.

Post-Secondary Enrollment Option

The Post-Secondary Enrollment Options Program has been established to permit high school students in grades 9 through 12 to earn college and high school graduation credit through successful completion of college courses. The program is intended to provide expanded opportunities for appropriately qualified high school students to experience work at the college or university level. Students interested in enrolling in PSEOP are encouraged to attend, with their parent/guardian, one of the regional meetings, which are held in January, February and March. These meetings are held at local high schools and offer insight into advantages of participating in the program. Meeting dates will be posted on EDLINE.

Program Eligibility:

1. To be eligible the student must meet the PSEOP requirements as posted by the college.
2. Students must apply and be officially accepted by the college/university.
3. Students must notify the Mason City School District of their intent to participate in the program by March 30th of each year. Any student who fails to provide notification in writing by this required date may not participate in the program during the following school year without the written consent of the district superintendent. Intent forms are available on EDLINE.
4. Students and parents must attend a counseling session with their high school counselor and sign a form (provided by the high school) indicating they received that appropriate counseling regarding PSEOP and that they understand the responsibilities they must assume.

Graduation Requirements:

1. No high school graduation requirement may be waived for any students participating in this program.
2. **All college work taken for the purpose of meeting graduation requirements must be completed and grades reported to the high school counselor prior to the high school graduation date if the student wishes to participate in the high school graduation ceremony.**

Grade Point Average:

1. Credit earned for completion of college courses will be granted.
2. Grades earned at the post-secondary institution will count in the GPA at William Mason High School.

Summer School

Mason High School offers limited educational opportunities for students during the summer months. Students can enroll in original credit courses and/or recovery credit core courses that were taken during the academic year. All students must reside in the Mason City School District and be upcoming 9-12th grade students. Registration forms, with course offerings (and cost), can be found on the Mason High School Edline page or masoncomets.org website.

Early Completion

In order to request Early Completion, the following must be met:

Curricular Requirements:

The student's schedule for his/her final year must be approved by the Guidance Department which, along with credits already received, shall indicate the following:

1. Student's schedule must indicate a minimum of four (4) courses each trimester.
2. Student's completion of subjects required by the Department of Education for the State of Ohio and the Mason Board of Education.
3. Student's completion of the minimum number of credits required by the Department of Education for the State of Ohio and the Mason Board of Education.

Additional Requirements:

2. If prior to the 12th trimester, all state and local Board requirements are met for graduation, the student will be considered an alumnus.
3. Also, it is understood that the alumnus forfeits the right to participate in all school activities after completion of his/her school attendance, except that year's prom and commencement exercises.

Procedures:

Application cannot be made until the successful completion of the seventh trimester. After this time, the student shall check with the Guidance Department to see if the above requirements will have been met by the anticipated early completion date. If so, the Department shall give the student an application requesting early completion. The application shall contain the following:

1. Courses taken and credits earned with verification by a guidance counselor.
2. Evidence of parental/guardian approval.
3. Authority to grant (*Based on the specified requirements and procedure in the early completion program, the building principal, after indicated consultations, shall maintain the authority to grant a student permission to participate in the program.*)

Early Dismissal/Late Arrival

Since colleges and universities are increasingly becoming more selective, students are highly encouraged to take a challenging course of study during their years at Mason. An additional course can many times prove more beneficial than early dismissal/late arrival. To be eligible for early dismissal (dismissal after 4th period), or late arrival (arrival after 1st period) 11th and 12th grade students must be classified as a junior or senior with no deficiencies. Approval requires appropriate paperwork to be turned in with all required signatures. Early dismissal/late arrival is a privilege and can be revoked at any time by Administration. Any student that will participate in early dismissal will have their grades checked every 4 weeks, including at the end of the trimester, to determine the following 4 week eligibility. Any student with a single failure, two or more D's, truancy concerns, and/or multiple discipline referrals may have their early dismissal/late arrival revoked. More detailed enrollment forms will be available in the Guidance Office.

Schedules will not be re-arranged to accommodate early dismissal/late arrival.

College Entrance Tests (ACT/SAT opportunities)

College entrance tests are given several times a year according to dates and test centers established by the testing company. Students can pick up the ACT/SAT test information packets in the guidance office. These packets contain registration information, which will be filled out by the student and sent directly to the testing company. The packets also contain sample tests, which are valuable for test preparation. Students are urged to take college entrance tests seriously and prepare for the tests by working through the sample questions. It is also important to get a good night's sleep before the test, and eat a nutritious breakfast the morning of the test for energy and concentration.

A typical testing program for college bound students is as follows:

- **EXPLORE** (Pre-ACT Test given to all 8th graders) ACT practice test which provides information about a student's current level of preparation in English, mathematics, reading, and science – plus details about his or her interests, needs, and plans.
- **PLAN** (Pre-ACT Test)
All 10th grade students are administered this test at school in late November or early December. The testing will result in information about academic skills and development, personal interest, plans, and needs. Many educators consider this a pre-ACT.
- **PSAT** (Preliminary Scholastic Assessment Test)
Mason High School administers the PSAT to all 11th grade students in October. Besides being a good practice session for the SAT I, results, if they meet annual benchmarks, will qualify a student for National Merit and/or National Achievement and/or National Hispanic Scholar Award. Students can start taking this test, as practice, as early as the tenth grade.
- **ACT** (American College Test)
Students should take the ACT by April or June of their junior year, and if necessary, in the fall of their senior year. The ACT is required for students considered for the Ohio Academic Scholarship.
- **SAT I** (Scholastic Assessment Test)
Students should take the SAT by May or June of their junior year and, if necessary, in the fall of their senior year.
- **SAT II** (Subject Test)
Students anticipating applying to highly selective colleges and universities should plan to take the SAT II in June of their junior year or fall of their senior year.

Students themselves must be aware of the test requirements for individual colleges and testing dates.

If they have questions, they should contact their counselor.

Online Planning Tools (Career & College resources):

Naviance

Naviance is a web based guidance program for students. On Naviance, students will be able to learn about their personality, strengths, weaknesses, and learning style. They will also be able to access information about colleges, scholarships, and guidance department information directly. Through the Naviance website, students will make course selections for the upcoming school year. Juniors and seniors will also have the availability to sign up for sessions with visiting college representatives in early fall. All information is hosted on a password-protected, secure server that only students may access. Naviance log-on may be from any computer connected to the internet. For further information, please contact your Guidance Counselor.

Edline

Edline provides on-line information for parents and students. Specific grade reports about a child's progress will be viewable by that student and his/her parent. These grade summary reports will provide more complete information than a report card and will be updated regularly. Parents and students may also be able to view other information about homework assignments, due dates, assignment information, and work missed due to absence. This information is hosted on a password-protected, secure server that only parents and students may access. Parents may log-on to Edline from home or from any other computer connected to the internet. Contact the school for more information.

KUDER-Ohio Career Planning System

Every Mason student has access to their own KUDER-Ohio Career Planning Systems account. Access to the enormous volume of career assessments, data, job trends, college background needed...is available with this program. This account can be accessed for as many years as possible simply by visiting one's account at least once/year. Any batch codes or navigation codes that are needed each year, can be obtained via a guidance counselor.

Other info:

National Collegiate Athletic Association (NCAA) Eligibility

If you wish to participate in NCAA Division I or Division II athletics, you need to be certified by the NCAA Eligibility Center. You need to qualify academically as well as be cleared as an amateur student-athlete. Students interested in participating in athletics at the NCAA level should speak with their high school counselor regarding the initial academic eligibility requirements set by the NCAA. College-Bound Student -Athletes should complete the registration process with the NCAA Eligibility Center at the end of their junior year at www.eligibilitycenter.org. If you would like to speak to a representative directly or need any additional information regarding eligibility, you may contact the NCAA Eligibility Center at (877) 262-1492 or visit www.eligibilitycenter.org.

Inter-Scholastic Athletic & Extra-Curricular Eligibility

See Athletics and Student Activities Handbooks for academic eligibility requirements.

Residency Requirements

All students enrolled in Mason City Schools must meet state and local residency requirements. As a general rule, persons who reside within the district's boundaries and are not high school graduates may enroll as high school students. Persons under eighteen may not establish residency apart from the homes of their parents. Special enrollments may be granted under the following circumstances:

- A. An appropriate court (or placing agency) places a youth (under eighteen) in a licensed home within the district.
- B. A student whose parents do not reside within the school district at the time the student begins attending classes:
 - a. The student's (custodial) parent is having a house built in the district. This exception is limited to a period of time not to exceed 90 days from the first day student attends.
 - b. The student's (custodial) parent is purchasing a house in the district. This exception is limited to a period of time not to exceed 90 days from the first day the student attends.
- C. A youth is emancipated and self-supporting (provides appropriate documentation), and maintains a bona fide residence within the district.

Parents and students should be aware that if the parents of a student move outside of the district, the student is ineligible to attend Mason City Schools. If the family of a 12th grader moves from the district, then the student may continue to be enrolled with permission of the Board of Education (or designee).

Residency must also be in place to take Summer School classes.

Home Schooling

Families interested in choosing Home Schooling as an educational option should contact Susan Klein @ Mason Central, 398-0474, to discuss the requirements and procedures.

Grade Placement

The grade level of each student will be determined by the number of earned credits and by the year the student first entered high school. You will need to have earned the indicated number of credits by the beginning of the school year.

Planning Your 4 Year Schedule

The key to successful program planning is involvement. Our ultimate goal is for each student to have a program that will provide a meaningful and successful educational experience. In order to achieve this goal, we believe it is necessary for administrators, counselors, and teachers to provide information, counseling, and appropriate recommendations to enable the student and his/her parents to make wise decisions. The ultimate responsibility for the selection of courses to be included in the student schedule rests with the student and his/her parents. This is an important decision, which can have a great impact on the student's educational progress and, therefore, should be given very careful consideration. Planning and Selecting a Program: The Course Description Booklet gives a brief resume of content, prerequisites, and expectations of each course. Students are urged to become familiar with the booklet and other registration materials and to discuss the tentative course selections with parents. An on-line version of the Course Description Booklet may be accessed at tcci.naviance.com

Preliminary Steps:

1. Become familiar with the course offerings in the Course Description Booklet.
2. Study requirements for graduation.
3. Review the electives.
4. Develop a sequence of required and elective courses to meet graduation requirements and to facilitate post-graduation plans.
5. Discuss ability level and course selections with teachers and counselors.
6. Discuss tentative course selections with parents.

Course Selection:

1. If needed, counselors can meet individually with students to review course selections.
2. Review the recommendations of teachers and counselors with parents.
3. Complete the on-line course selection survey.

Schedule Load:

Each full-time student must schedule a minimum of 4 classes per day. Students are encouraged to achieve a good balance of academic and enrichment courses. Careful consideration should be given to the increased demands of homework and study time.

Scheduling:

Each winter a series of scheduling activities takes place to assist each student in selecting appropriate courses for the next school year. Much time is spent developing the Course Description Booklet and course selection survey. Teachers recommend courses and students may seek individual counseling as necessary.

Students and parents should then carefully review the courses selected taking into consideration the student's abilities and four-year high school plan. **Students who fail to turn in a course selection survey will be scheduled by their counselor and will forfeit the privilege of developing their own program.**

The final step in the process allows students and parents the opportunity to review, correct, and/or change selections. If a selected course is not being offered the upcoming school year, the student will be given the opportunity to make another selection. It is expected that students develop a sound educational plan and an appropriate schedule prior to the end of the current school year. For these reasons we discourage changes to the schedule the student receives in the fall.

Requesting Schedule Changes

Hopefully, you have put a lot of time and thought into making your course selections. Courses selected at this time shall be regarded as final selections unless changes are necessitated by:

- Failure
- Computer Error
- Satisfactory completion of a course during summer school
- Counselor, parent, and administrator agreement that a change is educationally beneficial for you

Schedules WILL NOT BE changed for:

- a different teacher
- a different lunch schedule
- classes with a friend

Policy for Dropping a Class

Mason High School's policy includes several steps. Teacher and student discussion of the situation and teacher-parental contact is mandated prior to withdrawal. **During the first three days of the class, the student may drop and enter another class without consequences. After the three days, the student may drop but not enter another class. After eight days, the parent must send a note before the student will be allowed to drop a class.** The note must include the following points:

- Parent gives permission to drop the class
- Parent understands the grade will be WF (withdrawn failing)
- The WF becomes part of the final transcript and figures into grade point average

If a student drops a class that is a graduation requirement, we ask the parent to acknowledge understanding that the student will not be allowed to participate in graduation until the course is successfully completed. The time at which the course is dropped will be a factor in whether or not the credit can be pursued in summer school. We do not accept night school credit or credits from other institutions for the purpose of make-up credit. We offer summer school and require the student to meet Pupil Performance Objectives in summer school. Note: All requests for schedule changes are contingent upon course availability, class size and course pre-requisites.

MATHEMATICS

	CREDIT
Introduction to Algebra I	.5
Algebra I A/B	1
Introduction to Algebra II	.5
Algebra II A/B	1
AQR – Functions and Matrices	.5
AQR – Trigonometry and Vectors	.5
Honors Algebra II	1
Introduction to Geometry	.5
Geometry A/B	1
Honors Geometry	1
Pre-Calculus A/B	1
Honors Pre-Calculus	1
Calculus A/B	1
AP Calculus AB	1.5
AP Calculus BC	1.5
Statistics	1
AP Statistics A/B/C	1.5
Computer Programming I	.5
Honors Computer Programming II	.5
Honors Computer Programming III	.5
AP Computer Science A/B	1

LANGUAGE ARTS

English I A/B	1
Honors English I A/B	1
English II A/B	1
Honors English II A/B	1
English III – American Literature A/B	1
Honors English III – American Literature A/B	1
English IV – British and World Literature A/B	1
English IV – Multicultural Literature A/B	1
[AP Lit. and Comp] English IV – Multicultural Literature A/B	1
[AP Lit. and Comp] English IV – British and World Lit. A/B	1
AP Language and Composition	.5
Enhanced Communication Applications (ECA)	.5
Journalism I, II, III	1.5 each
Introduction to Broadcast Journalism	.5
Advanced Broadcast Journalism I, II, III	.5 each
Speech and Debate	.5
Words from the Wild: Environmental Literature	.5
Best Sellers	.5
Blended Online Best Sellers	.5
Creative Writing I	.5
Creative Writing II	.5
Yearbook A/B/C	1.5
History & Hollywood	.5

SCIENCE

	CREDIT
Physical Science A/B	1
Biology A/B	1
Chemistry	.5
College Prep Chemistry	.5
Physics A/B	1
AP Biology A/B/C	1.5
AP Chemistry A/B/C	1.5
AP Physics C: Mechanics A/B	1
AP Physics C: Mechanics and Electricity & Magnetism A/B/C	1.5
Astronomy / Meteorology	.5
Forensics	.5
Environmental Science	.5
Honors Anatomy & Physiology A/B	1

SOCIAL STUDIES

World History after 1750 A/B	1
Honors World History after 1750 A/B	1
American History from 1877 A/B	1
AP American History A/B/C	1.5
AP European History A/B	1
American Government	.5
AP Government and Politics A/B	1
Psychology	.5
AP Psychology A/B	1
Law & Criminal Justice	.5
Economics	.5
Modern Political and Economic Issues	.5
Blended Online Modern Political and Economic Issues	.5
Contemporary Social Issues	.5
Blended Online Contemporary Social Issues	.5

Applied Technology

Students may take these courses for elective credit. None are required for graduation.

<u>COURSE NAME</u>	<u>GRADE</u>	<u>PREREQUISITE</u>
Computer-Aided Design (CAD)	9-12	(prerequisite for all Applied Technology courses) None
Advanced AutoCAD	9-12	Computer-Aided Design (CAD)
Engineering CAD	10-12	Computer-Aided Design (CAD)
Architecture CAD	10-12	Computer-Aided Design (CAD)
CAM "A"	9-10	Computer-Aided Design (CAD)
CAM "B"	9-12	CAM "A"
CNC Machining	10-12	CAM "B"
Independent Study (Areas of Continuing Study)	12	Instructors permission

Computer-Aided Design (CAD) (0.5 credit)

This is an introductory CAD course that will teach the fundamentals of mechanical drawing and its applications in today's society. Concept areas will cover sketching, measurement, geometric construction and two-dimensional design. Students will then apply their technical drawing skills using the CAD system. Students will learn all of the basic CAD commands necessary to produce accurate and efficient 2D and 3D mechanical designs. AutoCAD will be the primary design software used throughout the course.

Prerequisites: None ***Note: College Credit - Dual Credit available for enrolled students** **2011/12 Fee: \$15.00*

Note: This introductory course is a prerequisite for all applied technology courses.

Advanced AutoCAD (1.0 credit)

This course will provide the information concerning the application of 3-D layout and design accompanied by the use of solid modeling on the CAD system. The activities will involve having the students experiment with 3-D surface models, presentation graphics, model space viewports and 3D solid models. AutoCAD will be the primary design software used throughout the course.

Prerequisites: Computer-Aided Design (CAD) **2011/12 Fee: \$30.00*

Engineering CAD (0.5 credit)

Based on a 3-D approach to engineering design, this course emphasizes how modeling is inherently different from a 2-D drawing format. The course begins with the basics in engineering design processes and then progresses through some of the more advanced techniques used today's engineering design fields. I-DEAS, the computer program used in this course, covers topics such as work environment, file management, sketching, extruding, revolution, applying 3-D constraints, lofting, sweeping, and extracting data from 3-D models. Students will also create 3-D engineering prototypes using the Z-Corp 3-D Prototype Printer.

Prerequisites: Grades 10 - 12: Computer-Aided Design (CAD) **2011/12 Fee: \$15.00*

Architecture CAD (0.5 credit)

This course will guide students through the processes of designing architectural working drawings using traditional and computer-based methods. Students will develop specific house plans based on classroom instruction. Basic floor-plans, plot plans, elevations and 3-D models will be stressed using the latest FHA (Federal Housing Administration) recommendations. AutoCAD is the design program used in this course.

Prerequisites: Grades 10 – 12: Computer-Aided Design (CAD) **2011/12 Fee: \$15.00*

CAM "A": Computer-Aided Manufacturing (0.5 credit)

Students in this course will be introduced to a variety of power machines, which will be used to develop specific projects in a manufacturing environment. Students will be expected to use their geometry skills to develop various projects using the BobCAD/CAM design program. Students will also receive instruction in lab safety. Computer-aided design techniques, G-coding and basic CNC set-up and operation will be covered throughout the course.

Prerequisites: Computer-Aided Design (CAD) **2011/12 Fee: \$15.00*

Applied Technology (continued)

CAM "B": Computer-Aided Manufacturing (0.5 credit)

This course section will continue to draw on the student's knowledge base using the BobCAD/CAM program and G-coding reading/writing. Students will also be introduced to the quality control concept within manufacturing processes. Project construction using the CAD/CNC machines and creating proper documentation of project data will be stressed throughout the course.

Prerequisites: CAM "A"

**2011/12 Fee: \$15.00*

C.N.C. Machining (1.0 credit)

This is a course specifically designed for those students interested in continuing in the field of Computer-Aided Manufacturing. Students will have the opportunity to research and develop individual and group projects in the manufacturing lab. Students will be expected to utilize the C.N.C. (computer numerical control) machine combined with other machines, to produce various manufactured products. BobCAD/CAM is the design and machining program used for this course.

Prerequisites: CAM "B"

**2011/12 Fee: \$30.00*

Independent Study in Applied Technology

Areas of Continuing Study in Applied Technology (0.5 credit)

This course is designed for students who have completed CNC Machining or Engineering/Architecture CAD and wish to develop their skills further in the areas of CAD or CAM. The student will need to define/plan specific problems to be completed and enter into a contract with the appropriate instructor. A week-by-week plan must be submitted and approved prior to enrollment.

Prerequisites: Grade 12 and written permission of the instructor

**Fee subject to plan*

Business Education

ECA-A and ECA-B are required for graduation (Class of 2012). ECA or ECA A and Financial Literacy or ECA B are required for graduation (Class of 2013). ECA and Financial Literacy are required for graduation (Class of 2014 and 2015). All other courses listed count as elective credits.

Microsoft Office 2007 Training	Web Design	School Bank (CS&L)	School Store (Comet Zone)	Business Electives
↓ ECA A & B or ECA (9 th & 10 th Grades)	↓ Intro to Web Design (9 th , 10 th , 11 th , or 12 th)	↓ Intro to Banking & Investments (10 th or 11 th)	↓ Entrepreneurs in Action (10 th , 11 th , or 12 th)	Honors Financial Accounting or Accounting (recommended for business & engineering majors)
↓ Computer Applications for College (9 th , 10 th , 11 th , or 12 th)	↓ MasonComets.org (10 th , 11 th , 12 th)	↓ Comet Savings & Loan Employee (11 th or 12 th)	↓ Comet Zone Employee (11 th or 12 th)	
↓ MCAS/MOS/Microsoft Office Certification (10 th , 11 th or 12 th)	↓ MasonComets.org Management (11 th or 12 th)	↓ Comet Savings & Loan Management Team (12 th)	↓ Comet Zone Management Team (12 th)	Financial Literacy required for graduating class of 2013 and 2014 (elective for 2012)

(ECA) Enhanced Communication Applications (0.5 credit)

Students in ECA will combine the skills of effective research, oral communication and computer technology. This interdisciplinary approach will enable students to integrate, practice, and perfect the communication and computer skills essential for success in high school, college, and the work world. Students will focus on utilizing the Microsoft Office 2010 software and other technologies in a variety of oral presentations. This course will be co-taught by teachers from the Business Education and English departments and is a freshmen graduation requirement.

**2011/12 Fee: \$2.00*

Business Education (continued)

Computer Applications for College (0.5 credit)

You can't escape college and the work force without knowing in depth one of the world's most popular software packages-Microsoft Office and Publisher. A working knowledge of Word, Excel, Powerpoint, Access, and Outlook at the advanced level will increase a student's productivity and provide them the ability to problem solve and communicate more effectively. Students will complete integrated Microsoft Office projects that relate to real world business problems with an emphasis on design. Students will also have the opportunity to explore Windows Movie Maker and produce their own video. By learning the advanced features of Microsoft Office, Microsoft Publisher, and Movie Maker, students will have the right tools to communicate effectively in today's world.

Prerequisites: "C" or better in ECA "A" & "B" or ECA

Dual credit available

**2011/12 Fee: \$19.00*

Microsoft Office Certification(0.5 credit)

Colleges, universities and employers are now expecting students to have more than just a basic level of understanding in Microsoft Excel, Word, PowerPoint, Access and Outlook. Experience is always important; however, using a limited set of skills over and over does not necessarily equate to mastery of the software products. This course provides an integrated program that trains students and validates the knowledge and skills they have acquired. Based on globally recognized standards, this certification is an important and distinguished credential for student when applying for college or jobs. Microsoft Office Certification develops technology skills with applications to personal or business situations focusing on the use of Microsoft Office. Microsoft Office certifications have been recommended by the American Council on Education (ACE) for college credit and some colleges are now requiring these certifications for admission into their College of Business and Economics. This course may be repeated for additional credit.

Prerequisites: ECA A with Computer Applications for College – recommended but not required

Dual credit available

**2011/12 Fee: \$61.50*

Financial Literacy (0.5 credit)

This class will prepare students to meet future financial needs as they progress through life. This course will give students the opportunity to analyze factors that affect income as part of the career decision making process; organize personal finances and use a budget to manage cash flow; understand the impact of taxes on personal financial planning; evaluate financial options and services that banking institutions provide for consumers; evaluate investment options and services to meet short and long term goals; evaluate creditworthiness and use credit options responsibly; analyze choices available to consumers for purchases and protection against risk and financial loss; and become knowledgeable of consumer protection services. Internet research, projects, guest speakers, in depth study, and a strong emphasis in Microsoft Excel will be utilized to explore these topics. It's never too early to plan for a financially independent future.

Grade: 10, 11, or 12

Dual credit available

**2011/12 Fee: \$16.00*

Honors Financial Accounting (1.0 credit)

Honors Financial Accounting is a challenging course for the student who wants to be prepared for the rigor of college accounting while having the option of receiving college credit in addition to the weighted honors credit. This course covers the fundamentals of financial accounting and their application to journals, ledgers, and financial statements. Through in-depth discussions, financial analysis, and coursework, students will cover the accounting cycle for a corporation. This course moves at a rapid pace and includes more challenging exercises than the traditional high school accounting course.

Prerequisites: Grade 11 and 12 only, minimum GPA of 3.0 or higher

Dual credit available

**2011/12 Fee: \$25.00*

Accounting I (1.0 credit)

Accounting is a must if you are thinking of a business major or any major requiring budgeting and financial analysis. Accounting I provides a solid foundation for all students and is designed to provide a general background of acceptable business accounting procedures. This course covers the accounting cycle used by a sole proprietor and a corporation. Students will learn to integrate accounting principles to accounting software similar to that used in business and industry. In addition, students will learn how to analyze and use financial statements.

Grades: 11 and 12 only

**2011/12 Fee: \$50.00*

Business Education (continued)

Entrepreneurs in Action (0.5 credit)

This course gives students a “feel” for what it really takes to start a business. Real-world context will be applied by referencing the Comet Zone. Through individual and group projects, students will gain valuable hands-on experience needed to create a business plan, analyze the marketing mix, determine purchasing and pricing, organize the physical layout, plan for operations and staffing, promote the business, establish record keeping and accounting procedures, utilize computers in small business management, and maintain social/ethical responsibility.

Grades: 10, 11, or 12

**2011/12 Fee: \$2.00*

Small Business Management (Comet Zone) (0.5 credit for Employee – 1 trimester / 1.5 credits for Management – 3 trimesters)

Students will expand their knowledge of Entrepreneurship by managing and maintaining the school store, the Comet Zone. Students will be responsible for managing, marketing, accounting, purchasing, and all aspects of small business management. An application and selection process will be used for enrollment. Enrollment is limited.

Prerequisites: Entrepreneurs in Action and Teacher Approval

Introduction to Web Design (0.5 credit)

This course is designed to enable the students to understand the structure and function of the Internet and its relationship to web page design. Students will be introduced to web page development, web site design, how search engines work in relationship to web design, as well as Internet utilities. Upon successful completion of this course, students should be able to navigate the internet, complete Internet research projects, and design a web page using HTML programming language, and create a web site using a web editor such as Dreamweaver Studio 8.

**2011/12 Fee: \$15.00*

Website Design & Management (Mason Comets.org/gomasoncomets.com) (0.5 credit)

This course is designed to attract the intermediate to advanced level student who would like to continue to develop his/her web design skills, Internet and Intranet management skills. Students will maintain and further develop our current Mason website, MasonComets.org. Students will develop teamwork, communication, and leadership skills. In addition, the web designers leading each team will develop team management skills. A highly selective process will be used to insure the selection of mature and trustworthy individuals. Enrollment is limited to 27 students per trimester. Students will submit a completed application to Mr. Murnan C208, which will be reviewed by the technology team. Applications are available in Rooms C208.

Prerequisites: Web Design or Digital Image Design or Computer Programming with at least a “B” and/or Teacher Approval

Introduction to Banking and Investments (0.5 credit)

This course will provide students the opportunity to learn more about the banking industry while gaining valuable experience working and observing managers and employees of Comet Savings & Loan. Students will participate in a stock market simulation challenge, learn investment strategies and techniques and hear from investment brokers and financial advisors. In addition, students will cover topics such as lending, bank security, saving strategies, and various banking operations. Students who meet all qualifications will be asked to apply for employee positions at Comet Savings & Loan. This course is required for students who are interested in working as an employee of Comet Savings & Loan.

Prerequisites: Grade: 10, 11, or 12 and a GPA of 3.0 or higher

**2011/12 Fee: \$14.00*

Comet Savings & Loan (0.5 credit for Employee – 1 trimester / 1.5 credits for Management – 3 trimesters)

Mason High School partners with Fifth Third Bank to operate Comet Savings & Loan. This is a true school-to-work environment where students are in charge of running and operating the in-school bank. Students may apply for one of the 12 management positions or they may choose to apply to be an employee of the bank and work in one of the five departments. A highly selective process will be used to insure the selection of mature and trustworthy individuals. Students will submit a completed application to the school bank or Mrs. Donnelly in A63. Those selected as potential management candidates may also be expected to interview. Applications are available in the school bank or rooms C208 and A63.

Prerequisites: Grade 11 or 12, Introduction to Banking and Investments, GPA 3.0 or above, and Teacher Approval

Business Education (continued)

Technology Assistant (TA) (0.25 credit)

Students who have shown exceptional computer and leadership skills in ECA and Computer Applications for College or Microsoft Office Certification may apply to be a TA. This is a select group of students who will be used in our computer labs to assist students with questions, help with individual training of students and staff, and assist with the daily classroom responsibilities. TA's may also be utilized to complete special projects for teachers or administrators. A highly selective process will be used to insure the selection of mature, responsible, independent, and trustworthy individuals. Enrollment is limited.

Prerequisites: ECA, Computer Applications for College or Microsoft Office Certification with a grade of "A", and Teacher Approval

Fine Arts - Performing

Drama

Introduction to Theater (1.0 credit)

This course is for beginning theater students who are interested in exploring all aspects of live performance. Students will explore the history of theater as well as current practice. Career prospects within the field of live performance will also be researched and explored. Students will learn theater vocabulary and explore costuming, set design, stage make-up, lighting and sound. They will read several plays from different cultures and analyze them from a production perspective. Students will also explore performance skills including improvisation, concentration, vocal projection and diction, movement, and stage combat. Students will be required to attend theatrical performances both at the school and in the area and write critiques.

**2011/12 Fee: \$19.00*

Acting (1.0 credit)

This course is for students interested in advancing their skills as actors and performers. It is an intense course focused on expanding the students' on-stage skills. Participants will work at freeing their voices and using them to their full potential. Students will work extensively to increase physical flexibility and communicate effectively using only movement. Students will study script analysis and rehearsal techniques. They will prepare monologues and scenes from a variety of time periods and cultures. They will build a repertoire of audition pieces for any variety of situations or types of auditions.

Prerequisites: Introduction to Theater

Acting II (0.5 credit)

This course is for students interested in continuing and advancing their skills as an actor and student of theater. Students in Acting will work with classmates on scene work, monologue preparation, and improvisation. In addition to this class work, students will work rigorously on preparing for college and conservatory auditions their senior year. They will enhance their strengths as a performer and work on identifying and correcting deficits as an actor. Students must critique a live theatrical performance and complete an independent research project on acting styles or on postsecondary acting options.

Prerequisite: Acting and Teacher Approval

Acting III (0.5 credit)

This course is for students interested in continuing and advancing their skills as an actor and student of theater and is embedded in Acting II. They will continue to enhance their strengths as a performer and work on identifying and correcting deficits as an actor. The main focus of the class is the production of a play to be performed for the public. Students will assume leadership positions in the class production. Additionally, students must critique a live theatrical performance and complete additional audition preparation work and research postsecondary acting opportunities.

Prerequisite: Acting II and Teacher Approval

Drama (continued)

Foundations in Technical Theater (1.0 credit)

This course is for the student who wants to explore the technical aspects of live performance. Students will interpret technical drawings, as well as learn fundamental concepts of shop and theater safety, construction techniques, and equipment set-up and operation. Topics to be covered include set construction, lighting set-up and operation, costume construction, and stage management.

**2011/12 Fee: \$25.00*

Advanced Technical Theater and Design (1.0 credit)

This offering is an intensive and demanding course designed to prepare the student for professional work in technical theater or for further training at the college or university level.

Students will be given hands-on, extensive training in technical drawing; set design and construction, lighting design, operation, and instrument maintenance; properties design and construction; costume design and construction; audio design and operation; and stage management. Students will work towards mastery of these skills.

Prerequisites: Foundations in Tech Theater or Acting with Teacher Approval

**2011/12 Fee: \$25.00*

Back Stage Theater (0.5 credit)

This course is for performers and performing arts enthusiasts who have little or no training in backstage or technical theater work. This class will allow students to learn the very fundamentals that will make them better students of theater. The primary focus of the class is on basic theater technology. Students will learn to apply the complicated vocabulary of technical theater. They will learn the various jobs available backstage and their responsibilities. Students will learn the different pieces of equipment and how to stay safe in the theatrical work place.

Prerequisites: None

**2011/12 Fee: \$20.00*

Independent Study in Performing Arts

Technical Theater (0.5 credit)

This is an option for juniors and seniors preparing to interview for college admission and scholarships in technical theater. Students must have completed Advanced Technical Theater and have teacher permission. Students will schedule a period with the technical theater teacher, and under their guidance, prepare works for their theatrical portfolios.

Prerequisites: Advanced Technical Theater and Teacher Approval

**Fee subject to plan*

Music - Instrumental

Brass and Woodwind Class (0.5 credit)

This class is open to all students in grades 9 through 12 who are also enrolled in Concert Band, Concert Winds, Symphonic Band, Wind Symphony or Marching Band. Enrollment will be by director recommendation only. This performance and skill-based class will include marking, concert, jazz and chamber music. Students will play only woodwind and brass instruments in this class. Community activities, school functions and special performances may be included in the class requirement.

Prerequisites: Director Recommendation

Jazz Band (0.5 credit)

The MHS Jazz Band is an auditioned ensemble that meets for credit during the school day in the first trimester as an extra-curricular activity after school (no credit) during second and third trimesters. This select ensemble consists of students who are enrolled in one of the concert bands and who play a traditional jazz instrument: saxophone, trumpet, trombone, guitar, piano, bass and drum set. The only exception to this requirement will be for students who play instruments that are not included in the concert band setting: guitar, bass and piano. Students will make arrangements with the director to complete the audition process. This performance-based class will include varying styles of jazz repertoire within the jazz medium. This ensemble performs many times during the school year for community events and concerts including the annual Mason Jazz Night.

Prerequisites: Audition and Director Recommendation

Music – Instrumental (continued)

Percussion Class (0.5 credit)

This class is open to all students in grades 9 through 12 who play a percussion instrument. Enrollment will be by director recommendation only. This performance and skill-based class will include marching, concert, jazz, and chamber music. This group performs during first trimester for community activities, school functions, and special performances.

Prerequisites: Director Recommendation

Marching Band (0.5 credit)

The Mason High School Marching Band is open to all students in grades 9 through 12 who play a brass, percussion, or woodwind instrument and are enrolled in Concert Band, Concert Winds, Symphonic Band or Wind Symphony. This is a select group who rehearses after school. Enrollment will be by director recommendation. This performance-based group will perform at marching band competitions, most football games, community and school functions, band competitions, and special performances.

Prerequisites: Audition and Director Recommendation

**2011/12 Fee: \$375.00*

Concert Band (1.0 credit)

The MHS Concert Bands meet for two trimesters, and are open to all students in grades 9 through 12 who play a brass, percussion, or woodwind instrument. Enrollment will be by audition only. These performance-based classes will include concert, jazz, and solo ensemble music. In addition, the Concert Bands will concentrate on the basic fundamentals of instrumental music (scales, tone, rhythm, etc.). These groups perform during the school year for community activities, school functions, district and state contests, and special performances.

Prerequisites: Audition and Director Recommendation

**2011/12 Fee: \$25.00*

Concert Winds (1.0 credit)

The MHS Concert Winds meets for two trimesters and is open to all students in grades 9-12 who play a brass, percussion or woodwind instrument. This group prepares band students for entering the Symphonic Band or Wind Symphony. Enrollment will be by audition and director(s) recommendation. This performance-based class will include concert, jazz, and solo/ensemble music. This group performs many times during the school year for community activities, school functions, district and state contests, and special performances.

Prerequisites: Audition and Director Recommendation

**2011/12 Fee: \$35.00*

Symphonic Band (1.0 credit)

The MHS Symphonic Band meets for two trimesters, and is open to all students in grades 9 through 12 who play a brass, percussion, or woodwind instrument. This group prepares band students for entering the Wind Symphony. Enrollment will be by audition and director(s) recommendation. This performance-based class will include concert, jazz, and solo ensemble music. This group performs many times during the school year for community activities, school functions, district and state contests, and special performances. Ninth grade students must also be enrolled in the Marching Band during the fall of their freshman year.

Prerequisites: Audition and Director Recommendation

**2011/12 Fee: Boys - \$80.00/ Girls - \$45.00*

Wind Symphony (1.5 credits – 3 trimesters)

The MHS Wind Symphony is a highly select group performing the finest in wind literature, which allows freshman and sophomores to participate with the Honors Wind Symphony. Proper instrumental technique, ear training skills, music theory, and appropriate rehearsal/performance disciplines will be taught and maintained within the group throughout the three trimesters. Enrollment is by audition and director(s) recommendation. This performance-based class will include A/AA concert literature and solo and ensemble music. Students selected must be available for rehearsals after school, public performances, solo and ensemble adjudicated events, and OMEA district and state contests. Freshmen and sophomores will be introduced to and adjust to the demands of advance instrumental technique while playing advanced literature in preparation for their instrumental leadership in the junior/senior years. Students must complete specified criteria outlined during the audition process in order to participate in the ensemble. Freshmen and sophomores will not receive honors credit.

Prerequisites: Audition and Director Recommendation

**2011/12 Fee: Boys - \$80.00/ Girls - \$45.00*

Music – Instrumental (continued)

Honors Wind Symphony (1.5 credits – 3 trimesters)

The MHS Honors Wind Symphony is a highly select group who performs the finest in wind literature. Proper instrumental technique, ear training skills, music theory, and appropriate rehearsal/performance disciplines will be taught and maintained within the group throughout the three trimesters. Enrollment is by audition and director(s) recommendation. This performance-based class will include A/AA concert literature and solo and ensemble music. Students selected must be available for rehearsals after school, public performances, solo and ensemble adjudicated events, and OMEA district and state contests. Within the class, sophomores will be taking Level I as described above and will not receive honors credit. Juniors will be taking Level II of the course, complete additional requirements and will receive honors credit. Seniors will be taking Level III of the course, complete advanced requirements and will receive honors credit. Participation in OMEA adjudicated events for all levels will be required. All students must adhere to the honors requirements.

Prerequisites: Audition and Director Recommendation

**2011/12 Fee: Boys - \$80.00/ Girls – \$45.00*

Chamber Strings Ensemble Class (0.5 credit – 1 trimester)

This class is open to all students in grades 9 – 12 who play violin, viola, cello or double bass. Enrollment is by director recommendation only. This skill-based class will include small ensemble playing and advancing skill technique in a variety of genres. This group performs during the trimester for community activities and special performances.

Prerequisites: Director Recommendation

Concert Orchestra (1.0 credit – 2 trimesters)

The MHS Concert Orchestras are open to all students in grades 9 – 12 who play violin, viola, cello or the double bass. Proper technique, ear training skills, music theory, and appropriate rehearsal/performance disciplines will be taught and maintained within the group. Enrollment is by audition and director recommendation only. The Concert Orchestras concentrate on the basic fundamentals of instrumental music (note reading, rhythm, tone, etc.) These groups perform during the school year for school functions, district contests, community activities and special performances.

Prerequisites: Audition and Director Recommendation

**2011/12 Fee: \$25.00*

Symphony Orchestra (1.5 credit – 3 trimesters)

The MHS Symphony Orchestra is a highly select group performing the finest in orchestral literature, which allows freshmen and sophomores to participate with Honors Symphony Orchestra. Proper orchestral technique, ear training skills, music theory, and appropriate rehearsal/performance disciplines will be taught and maintained within the group throughout the three trimesters. Enrollment is by audition and director(s) recommendation. This performance-based class will include A/AA concert literature and solo and ensemble music. Students selected must be available for rehearsals after school, public performances, solo and ensemble adjudicated events, and OMEA district and state contests. Freshmen and sophomores will be introduced to and adjust to the demands of advanced orchestral technique while participating with the Honors Symphony Orchestra. Students must complete specified criteria outlined during the audition process, in order to participate in the ensemble. Freshmen and sophomores will not receive honors credit.

Prerequisites: Audition and Director Recommendation

**2011/12 Fee: \$25.00*

Honors Symphony Orchestra (1.5 credit – 3 trimesters)

The MHS Honors Symphony Orchestra is a highly select group who performs the finest in orchestral literature. Proper orchestral technique, ear training skills, music theory, and appropriate rehearsal/performance disciplines will be taught and maintained within the group throughout the three trimesters. Enrollment is by audition and director(s) recommendation. This performance-based class will include A/AA concert literature and solo and ensemble music. Students selected must be available for rehearsals after school, public performances, solo and ensemble adjudicated events, and OMEA district and state contests. Juniors will be taking Level II of the course, complete additional requirements and will receive honors credit. Seniors will be taking Level III of the course, complete advanced requirements and will receive honors credit. Participation in OMEA adjudicated events for all levels will be required.

Prerequisites: Audition and Director Recommendation

**2011/12 Fee: \$25.00*

Music – Instrumental (continued)

Philharmonic Orchestra (1 credit – 2 trimesters)

The MHS Philharmonic Orchestra meets for two trimesters and is open to students in grades 9 through 12 who play violin, viola, cello or bass. This ensemble is geared towards juniors and seniors and prepares them for entering the Symphony Orchestra. Enrollment will be by audition and director(s) recommendation and based on the instrumentation needs of the ensemble. This performance-based class will include Class A concert literature. Students participating must be available for public performances, solo and ensemble adjudicated events, OMEA district contests and occasional after school rehearsals.

Prerequisites: Audition and Director Recommendation

**2011/12 Fee: \$25.00*

Music – Vocal

Una Vocce (1.0 credit)

A preparatory mixed choral ensemble, meets for two trimesters and is open to all students of Mason High School. Repertoire studied will include representative choral literature of various styles and periods for mixed voices. The level of literature studied will be of moderate difficulty. Proper vocal techniques, sight singing, ear training skills, and appropriate rehearsal/performance disciplines and standards will be taught and maintained within the group. Participation in public performances is required. The director will do voice classification placement with each member.

Prerequisites: None

Women's Choir (1.0 credit)

This is a select choral ensemble, which meets for two trimesters. Repertoire studied will include representative choral literature of various styles and periods for female voices. The levels of literature studied will range from moderate to difficult, including OMEA class B/C literature. Proper vocal techniques, sight singing, ear training skills, and appropriate rehearsal/performance disciplines and standards will be taught and maintained with the group. Participation in public performances and in OMEA contests is required.

Prerequisites: Audition and Choral Director Recommendation:

**2011/12 Fee: \$25.00*

Men's Choir (1.0 credit)

This is a select choral ensemble, which meets for two trimesters. Repertoire studied will include representative choral literature of various styles and periods for male voices. The levels of literature studied will range from moderate to difficult. Proper vocal techniques, sight singing, ear training skills, and appropriate rehearsal/performance disciplines and standards will be taught and maintained with the group. Participation in public performances and in OMEA contests is required.

Prerequisites: Audition and Choral Director Recommendation

**2011/12 Fee: \$25.00*

Bel Canto (1.0 credit)

This is a select choral ensemble, which meets for two trimesters. Repertoire studied will include representative choral literature of various styles and periods for female voices. The levels of literature studied will range from moderate to difficult, including OMEA class A/B literature. Proper vocal techniques, sight singing, ear training skills, and appropriate rehearsal/performance disciplines and standards will be taught and maintained with the group. Participation in public performances and in OMEA contests is required.

Prerequisites: Audition and Choral Director Recommendation

**2011/12 Fee: \$25.00*

Concert Choir (1.5 credits – 3 trimesters)

A highly select mixed choral ensemble, in which sophomores may participate with the Honors Concert Choir. Repertoire studied will include representative choral literature of various styles and periods for mixed voices. The levels of literature studied will range from moderate to difficult including OMEA Class A/AA. Proper vocal techniques, sight singing, ear training skills, and appropriate rehearsal/performance disciplines and standards will be taught and maintained within the group. Participation in public performances and OMEA contests is required. Sophomores will be introduced to and adjust to the demands of advanced vocal technique while singing advanced literature in preparation for their vocal leadership in the junior/senior years. Although they will be participating with the Honors Concert Choir; sophomores will not receive honors credit. Participation in OMEA adjudicated events for all levels will be required.

Prerequisites: Audition and Choral Director Recommendation

**2011/12 Fee: \$25.00*

Music – Vocal (continued)

Honors Concert Choir (1.5 credits – 3 trimesters)

A highly select mixed choral ensemble, in which the repertoire studied, will include representative choral literature of various styles and periods for mixed voices. The levels of literature studied will range from moderate to difficult including OMEA Class A/AA. Proper vocal techniques, sight singing, ear training skills, and appropriate rehearsal/performance disciplines and standards will be taught and maintained within the group. Participation in public performances and OMEA contests is required. Within the class, sophomores will be taking Level I as described above. Juniors will be taking Level II of the course, complete additional requirements and will receive honors credit. Seniors will be taking Level III of the course, complete advanced requirements and will receive honors credit. Participation in OMEA adjudicated events for all levels will be required.

Prerequisites: Audition and Choral Director Recommendation

**2011/12 Fee: \$25.00*

Pop-Acapella Choir (1.0 credit)

A select mixed ensemble, which meets after school and/or evening hours for two trimesters. Students selected for this ensemble will have demonstrated proper vocal technique, sight singing, and ear training skills and appropriate rehearsal/performance discipline. Repertoire studied will be of varying difficulty levels. Students selected must be available for mandatory rehearsals beginning in early August and must also be available for after school and evening rehearsals, public performances, and competitions throughout the year.

Prerequisites: Audition, Minimum of one year experience and Choral Director recommendation. Membership in a traditional Mason High School choir is mandatory.

**2011/12 Fee: \$25.00*

Music – Academic/General

AP Music Theory (1.0 credit)

This course is an in-depth study of the structure of music as it relates to musical notation, melody, harmony, rhythm, meter and texture. Students must be prepared to study all major/minor scales and modes including all key signatures. In addition, students will apply themselves to analysis of musical scores identifying harmonic intervals, chord structure, chord inversions, and chord progressions. Basic chord progressions and voice leading will be played by students on the piano and students will learn sight-singing, dictation and other ear training skills. Students will apply their knowledge by writing a musical score for a small ensemble of instruments or voices. The Advanced Placement exam will be offered.

Prerequisites: Teacher Recommendation

**2011/12 Fee: \$35.00*

Fine Arts - Visual

SCOPE AND SEQUENCE

	Grade 9	Grade 10	Grade 11	Grade 12
AP Art Studio			X	X
Art Design Foundations	X	X	X	X
Ceramics I				
Ceramics II		X	X	X
Ceramics - Wheel Throwing			X	X
Digital Image Design I	X	X	X	X
Digital Image Design II		X	X	X
Digital Image Design III		X	X	X
Drawing I	X	X	X	X
Drawing II		X	X	X
Drawing III		X	X	X
Jewelry Making and Metals	X	X	X	X
Painting I	X	X	X	X
Painting II		X	X	X
Painting III		X	X	X
Photography I	X	X	X	X
Photography II		X	X	X
Photography III			X	X
Sculpture	X	X	X	X

1 credit = 2 trimesters; 0.5 credit = 1 trimester

Fine Arts - Visual

Ceramics I (0.5 credit)

Ceramics is a studio course that offers the student a basic understanding of clay as an art form. Emphasis will be placed on developing basic ceramic skills as a means of self-expression. Students will work with various types of clay and glazes, and will learn to execute a variety of methods of hand building and decorating. Students will also be involved in written assignments, exams, quizzes, and the process and production of both utilitarian and fine art forms made from clay.

Prerequisites: None

**2011/12 Fee: \$32.00*

Ceramics II (0.5 credit)

Ceramics II is an advanced ceramics class with higher expectations. This class should not be taken without assuming the responsibility of a serious artist and ceramist. The course will expand on the skills previously learned in Ceramics I. The course will explore varieties of hand building, decorating, and glazing. The potter's wheel will be heavily emphasized. Students will be involved in written assignments, quizzes, exams, and more production of utilitarian and fine arts forms made of clay.

Prerequisites: Ceramics I

**2011/12 Fee: \$32.00*

Ceramics – Wheel Throwing (0.5 credit)

This course is for students who have already shown competent skill or have made sincere effort on the wheel in Ceramics II, and wish to pursue the use of the wheel to a greater extent in the development of their artwork. Students will be working primarily on the wheel, and may use the incorporation of hand built forms as well.

Prerequisites: Grades: 11, 12, Ceramics II

**2011/12 Fee: \$52.00*

Digital Image Design I (0.5 credit)

This art course introduces the computer as a medium for works of fine and commercial art. Students will learn traditional hand drawing techniques. Adobe Photoshop, and Adobe Illustrator to create these exciting works. Emphasis is placed on the development of skills in visual composition and expression. Furthermore, students will learn basic digital imaging techniques using scanners, digital cameras, computer drawing tablets and more.

Prerequisites: None

**2011/12 Fee: \$25.00*

Digital Image Design II (0.5 credit)

This art course expands upon the skills, techniques, and art software learned in Digital Image Design I. Students will be offered a choice of projects that will help them refine their skills in art and design. Students will continue to use Adobe software to create original solutions to visual problems. They will also do some work off of the computer to help expand creatively.

Prerequisites: Grades 10, 11, 12, Digital Image Design I with a passing grade

**2011/12 Fee: \$25.00*

Digital Image Design III (0.5 credit)

This art course is designed to further mastery of skills of students who are considering a career in art or design. Students will have the opportunity to create works that are personally expressive. They will spend the trimester creating works of fine art, graphic design, layout design and more. Emphasis in this course is placed on original creative solutions to specific design problems as well as personal expression.

Prerequisites: Grades 10, 11, 12, Digital Image Design II with a passing grade

**2011/12 Fee: \$25.00*

Drawing I (0.5 credit)

This course serves as a good foundation for all art courses. The basic drawing skills taught focus on improving observation skills as well as teaching basic technique. It is designed for the beginning, but serious, art students as well as for that person wishing to further develop skills already acquired. Drawing I is the first step towards developing a portfolio for college admission requirements.

Prerequisites: None

**2011/12 Fee: \$25.00*

Fine Arts - Visual (continued)

Drawing II (0.5 credit)

Students will extend experiences and skills gained in Drawing I. Students will explore various old and new mediums such as pastels, pencils, markers and mixed media. Students will acquire knowledge and creative inspiration from art history as they explore themes for self-expression with an emphasis on self-portraiture. Drawing projects are designed to meet the needs of future art portfolio students.

Prerequisites: Grades: 10, 11, 12, Drawing I

**2011/12 Fee: \$32.00*

Drawing III (0.5 credit)

This advanced Drawing course will explore the direction of Modern art with a focus on abstract and non-objective imagery. A variety of artists will be explored in an attempt to understand and create abstract and non-objective art works. Students will work with a variety of mixed medias. For students planning to pursue a degree in the Visual Arts this will be an opportunity to further develop a portfolio that is well rounded and competitive.

Prerequisites: Grades: 11, 12, Drawing I and Drawing II

**2011/12 Fee: \$32.00*

Art Design Foundations (0.5 credit)

Art Design Foundations is a great course to explore the basics of art. You will learn about the elements and principles of design through exploring art history, aesthetics, and art criticism. You will learn specific methods for looking at a work of art and figuring out what it's all about. This course is great for an unsure beginner or even an experienced art student looking to strengthen their foundation.

Prerequisites: None

**Fee – To Be Determined*

Jewelry Making and Metals (0.5 credit)

This course will focus on the design and execution of art jewelry. Techniques explored include fabrication, surface embellishment, beading, fused glass, precious metal clay, and stone setting. Beginning metalworking techniques explored will include soldering, sawing/piercing, riveting, forming and finishing. Equally as important will be the exploration of metals and jewelry making as an art form and a medium of personal aesthetic expression.

Prerequisites: None

** 2011/12 Fee: \$58.00*

Painting I (0.5 credit)

This studio course is designed to provide students with basic painting skills. Students will explore various styles and techniques as they work with watercolor. Emphasis will be placed upon application of learned skills into interesting and unified compositions. Students will explore color theory and apply this knowledge to their paintings. A binder of class work and homework will be maintained and graded regularly.

Prerequisites: None

**2011/12 Fee: \$37.00*

Painting II (0.5 credit)

This studio course will build on the skills and techniques explored in Painting I. Emphasis will be placed upon personal expression through acrylic painting media. A variety of both traditional and non-traditional painting techniques will be explored. Students will be expected to provide some materials. Basic drawing skills are needed.

Prerequisites: Grades: 10, 11, 12, Painting I with a grade "C" or better

**2011/12 Fee: \$39.00*

Painting III (0.5 credit)

This course will build on the basic skills and knowledge learned in Painting II. Emphasis will be placed upon working with the human figure and execution of works with multiple painting media. Traditional and non-traditional artists, techniques and materials will be explored. Students will be expected to supply some materials. Good drawing skills are needed.

Prerequisites: Grades: 10, 11, 12 Painting II with a grade "C" or better and Teacher recommendation

**2011/12 Fee: \$39.00*

Photography I (0.5 credit)

This course is designed to provide students with a basic understanding of photography as an art form. Students will explore the history of photography, understand the camera, learn about the 35mm camera, develop their own film and prints, and learn to mount and present photographs. Emphasis will be placed upon interesting and unified photographic compositions. A 35mm camera with manual shutter speed and aperture settings is required.

Prerequisites: None

**2011/12 Fee: \$37.00*

Fine Arts - Visual (continued)

Photography II (0.5 credit)

This course is designed to provide students with an extensive darkroom and printing experience. Students will learn about and use a variety of alternative processes. An emphasis will be placed upon personal interpretations of given themes and assignments. A 35mm camera with manual shutter speed and aperture settings is required.

Grades 10, 11, 12

Prerequisites: Photography I with a "C" or better

**2011/12 Fee: \$37.00*

Photography III (0.5 credit)

This course is for students to explore their own interests in the field of photography. Students will create their own individual assignments that will focus on their own unique abilities. Students will make photographs using techniques which permit them to explore experimental processes that radically transform the image captured by the camera. Demonstration of visual awareness regarding the compositions of their images will be the required.

Grades 11 or 12

Prerequisites: Photography II and Teacher recommendation

**2011/12 Fee: \$37.00*

Sculpture (0.5 credit)

This studio course is designed to provide the student with a basic understanding of the various methods and techniques used to create sculpture with clay as the primary medium. Students will create three-dimensional sculptural forms from clay and use them as a means for visual communication and expression. Emphasis will be placed upon personal expression, independent planning, execution of works, and visual communication.

Prerequisites: None

**2011/12 Fee: \$32.00*

AP Art Studio (1.0 credit)

This course utilizes systematic investigation of formal and conceptual ideas with an emphasis on the development of technical skills. Students will choose to develop a Drawing Portfolio, a 3-D or 2-D Art or Design Portfolio for this course. In lieu of an AP exam, students will submit their body of work to the College Board in May.

Prerequisites: Drawing Portfolio: Drawing I, II III and Painting I are required. Painting II is recommended.

2-D Portfolio: Drawing I, II and two sequential levels of any 2D Art Courses are required. Drawing III is recommended.

*3-D Portfolio: Drawing I, II, and Sculpture is required. Other 3D Courses are also recommended.*2011/12 Fee: \$81.00*

Foreign Language

A foreign language credit is not required for graduation; however, colleges require 2-3 years of a language. Please note requirements for an honors diploma include three years of the same foreign language.

German I (1.0 credit)

Students will be introduced to basic vocabulary and grammar usage. Students will apply this knowledge to achieve comprehension of the language by using the four skills: listening, speaking, reading and writing. Students will be exposed to the German culture while exploring the cultural similarities and differences. Students will be expected to communicate in class on a novice level through daily interactions in the target language.

Prerequisites: None

**2011/12 Fee: \$14.00*

German II (1.0 credit)

Students will continue to develop their knowledge of the language and culture of the German speaking world using the four skills: listening, speaking, reading and writing. Students will enhance the skills that were learned in German I. Students will be expected to communicate in class on an intermediate level through daily interactions in the target language.

Prerequisites: German I with a "C" or better yearly average

**2011/12 Fee: \$14.00*

Foreign Language (continued)

German III (1.0 credit)

Students will further develop those skills learned in German I and II while continuing to explore German culture and language. Emphasis is on oral and reading comprehension and self-expression in speaking and writing. Students will be expected to communicate through typical daily life situations at a more advanced level.

Prerequisites: German II with a "C" or better yearly average

**2011/12 Fee: \$14.00*

German IV (1.0 credit)

Students will continue to develop listening, speaking, reading and writing skills through the use of advanced grammar and vocabulary. The course has a strong emphasis on language proficiency and communication. Students will be expected to understand and use the target language on a daily basis. Students will also enhance these skills through the use of authentic literature and cultural materials.

Prerequisites: German III with a "C" or better yearly average required.

**2011/12 Fee: \$14.00*

French I (1.0 credit)

Students will be introduced to basic vocabulary and grammar usage. Students will apply this knowledge to achieve comprehension of the language by using the four skills: listening, speaking, reading and writing. Students will be exposed to the French culture while exploring the cultural similarities and differences. Students will be expected to communicate in class on a novice level through daily interactions in the target language.

Prerequisites: None

**2011/12 Fee: \$17.00*

French II (1.0 credit)

Students will continue to develop their knowledge of the language and culture of the French speaking world using the four skills: listening, speaking, reading and writing. Students will enhance the skills that were learned in French I. Students will be expected to communicate in class on an intermediate level through daily interactions in the target language.

Prerequisites: French I with a "C" or better yearly average

**2011/12 Fee: \$17.00*

French III (1.0 credit)

Students will further develop those skills learned in French I and II while continuing to explore French culture and language. Emphasis is on oral and reading comprehension and self-expression in speaking and writing. Students will be expected to communicate through typical daily life situations at a more advanced level.

Prerequisites: French II with a "C" or better yearly average

**2011/12 Fee: \$17.00*

French IV (1.0 credit)

Students will continue to develop listening, speaking, reading and writing skills through the use of advanced grammar and vocabulary. The course has a strong emphasis on language proficiency and communication. Students will be expected to understand and use the target language on a daily basis. Students will also enhance these skills through the use of authentic literature and cultural materials.

Prerequisites: French III with a "C" or better yearly average required.

**2011/12 Fee: \$17.00*

AP French (1.0 credit)

This challenging course is an in-depth study of French language, literature and composition which will prepare the student to take the advanced placement exam in French. Topics covered in this class will include linguistic competence, with special emphasis on speaking, a brief overview of major French authors, and an in-depth study of writing skills with an emphasis on grammatical structure and self-analysis.

Prerequisites: French IV with a "C" or better yearly average required.

**2011/12 Fee: \$31.00*

Spanish I (1.0 credit)

Students will be introduced to basic vocabulary and grammar usage. Students will apply this knowledge to achieve comprehension of the language by using the four skills: listening, speaking, reading and writing. Students will be exposed to the Hispanic culture while exploring the cultural similarities and differences. Students will be expected to communicate in class on a novice level through daily interactions in the target language.

Prerequisites: None

**2011/12 Fee: \$18.00*

Foreign Language (continued)

Spanish II (1.0 credit)

Students will continue to develop their knowledge of the language and culture of the Spanish speaking world using the four skills: listening, speaking, reading and writing. Students will enhance the skills that were learned in Spanish I. Students will be expected to communicate in class, on an intermediate level through daily interactions in the target language.

Prerequisites: Spanish I with a "C" or better yearly average

**2011/12 Fee: \$18.00*

Spanish III (1.0 credit)

Students will develop those skills learned in Spanish I and II while continuing to explore Hispanic culture and language. Emphasis is on oral and reading comprehension and self-expression in speaking and writing. Students will be expected to communicate through typical daily life situations at a more advanced level.

Prerequisites: Spanish II with a "C" or better yearly average

**2011/12 Fee: \$18.00*

Spanish IV (1.0 credit)

Students will continue to develop listening, speaking, reading and writing skills through the use of advanced grammar and vocabulary. The course has a strong emphasis on language proficiency and communication. Students will be expected to understand and use the target language on a daily basis. Students will also enhance these skills through the use of authentic literature and cultural materials.

Prerequisites: Spanish III with a "C" or better yearly average required.

**2011/12 Fee: \$18.00*

AP Spanish (1.0 credit)

This challenging course is an in-depth study of Spanish language, literature and composition which will prepare the student to take the advanced placement exam in Spanish. Topics covered in this class will include linguistic competence, with special emphasis on speaking, a brief overview of major Spanish writers and an in-depth study of writing skills with an emphasis on grammatical structure and self-analysis.

Prerequisites: Spanish IV with a "C" or better yearly average required.

**2011/12 Fee: \$20.00*

American Sign Language I (1.0 credit)

Students will be introduced to sign vocabulary and grammar while developing basic expressive and receptive skills taught through "real life" conversations without the use of spoken English. An intricate portion of this course is designated to exposure of Deaf culture. Enrolled students should have good study skills, the ability to receive and process information visually, good eye-hand coordination, and concentration skills. Students will also be expected to communicate, on a daily basis, through the use of American Sign Language rather than English. Please check with colleges and universities for acceptance as foreign language credit.

Prerequisites: None

**2011/12 Fee: \$25.00*

American Sign Language II (1.0 credit)

Students will continue to develop their basic knowledge of the language by achieving a higher level of competence by increasing and refining receptive and expressive conversational signs with a focus on grammar. Students will be expected to communicate on an intermediate level in the target language daily. Please check with colleges and universities for acceptance as foreign language credit.

Prerequisites: ASL I with a "C" or better yearly average

**2011/12 Fee: \$25.00*

American Sign Language III (1.0 credit)

Students will continue to study American Sign Language (ASL) grammatical structure, vocabulary, fingerspelling, use of signing space, conversational regulators and introductory aspects of deaf culture. Students will be expected to communicate on an advanced level in the target language daily. This class is only offered to Mason students having completed ASL I and ASL II, who have passed the Sinclair Community College's proficiency exam, and all fees associated have been paid in full to Sinclair.

Prerequisites: Students must pass Sinclair's Community College's proficiency test for ASL

Fees associated with Class: Any first-time Sinclair students have a onetime application of \$20.00

Proficiency exam will cost \$40.00

Current tuition rate is \$405.45 for the three-hour trimester

Foreign Language (continued)

Mandarin I (1.0 credit)

Students will be introduced to basic vocabulary and grammatical structure. Students will apply this knowledge to achieve comprehension of the language by using the four skills: speaking, listening, reading and writing. Students will be exposed to the Chinese culture while exploring the cultural similarities and differences. Students will be expected to communicate in class, on a novice level, through daily interactions in the target language.

Prerequisites: None

**2011/12 Fee: \$21.00*

Mandarin II (1.0 credit)

Students will continue to develop their knowledge of the language and culture of the Chinese speaking world using the four skills: listening, speaking, reading and writing. Students will enhance the skills that were learned in Mandarin I. Students will be expected to communicate in class, on an intermediate level through daily interactions in the target language.

Prerequisites: Mandarin I with a "C" or better yearly average

Mandarin III (1.0 credit)

Students will develop those skills learned in Mandarin I and II while continuing to explore Mandarin culture and language. Emphasis is on oral and reading comprehension and self-expression in speaking and writing. Students will be expected to communicate through typical daily life situations at a more advanced level.

Prerequisites: Mandarin II with a "C" or better yearly average

**2011/12 Fee: \$21.00*

Mandarin IV (1.0 credit)

Students will continue to develop listening, reading, speaking and writing skills through the use of advanced grammar and vocabulary. The course has a strong emphasis on language proficiency and communication. Students will be expected to understand and use the target language on a daily basis. Students will also enhance these skills through the use of authentic literature and cultural materials.

Prerequisites: Mandarin III with a "C" or better yearly average

**Fee – To Be Determined*

AP Mandarin (1.0 credit)

Students will continue to develop listening, reading, speaking and writing skills through the use of advanced grammar and vocabulary. The course has a strong emphasis on language proficiency and communication. Students will be expected to understand and use the target language on a daily basis. Students will also enhance these skills through the use of authentic literature and cultural materials. There will be additional curriculum and rigor to prepare students for the current AP Mandarin exam.

Prerequisites: Mandarin IVA and IVB with a "C" or better

**Fee – To Be Determined*

Health / Life Skills / Physical Education

Health and Life Skills

Health Education (0.5 credit)

This course emphasizes the basic knowledge about drugs, alcohol and tobacco usage. It will also provide practical information about human sexuality and first aid techniques. The State of Ohio requires that all students shall successfully complete one trimester of Health before graduation.

Prerequisites: None

Independent Living / Wellness (0.5 credit)

Independent Living and Wellness is a comprehensive course for both male and female students. Throughout the trimester you will learn practical skills for making wise decisions that won't set you back financially or personally. Students will develop techniques and skills in lifestyle budgeting, consumer shopping, food preparation, sewing and laundry techniques. Students will participate in hands-on activities, student projects, cooperative group work, and labs.

Prerequisites: Grades 11 or 12

**2011/12 Fee: \$10.00*

Sports Medicine I (0.5 credit)

Students will learn basic anatomy and physiology of the human body, first aid, injury recognition/prevention/treatment, and various taping techniques. Legal and professional issues in sports medicine will also be covered.

Prerequisites: Grades 10, 11, 12, Health with a "C" or better

**Fee - To Be Determined*

Physical Education

Students must take .25 credit of Physical Education PLUS .25 PE elective OR utilize PE Waiver Option – see page 11

Physical Education (0.25 credit)

Physical education is designed to be an introductory course to physical education courses at Mason. There will be an emphasis on physical fitness throughout the course. Team sports will be introduced during the trimester. Written and skills tests will be given throughout the trimester.

Prerequisites: None

Individual Sports (0.25 credit)

This course will acquaint students with lifetime sports and recreational games. Students will learn rules and safety for each activity. Activities that may be included: Tennis; Archery; Lawn Games; Racquetball; Pickle ball; Badminton; Bowling; Table Tennis; Golf. There will be skill and written tests given on each activity.

Prerequisites: Physical Education or PE: Team Sports or PE: Fit for Life

Strength Training (0.25 credit)

This course is designed for the student who wants to explore multiple strength training exercises incorporated in a weight room setting. Students will learn the benefits of flexibility, progression, and correct lifting technique. Aerobic, anaerobic, and circuit training will be explored through multiple strength training exercises. Written and skill tests will be given throughout the trimester.

Prerequisites: Physical Education or PE: Team Sports or PE: Fit for Life

Advanced Strength Training (0.25 credit)

This course is designed for the student who has an established strength training plan and would like to extend their personal fitness level. Students will learn sport-specific strength training strategies that enhance individual workout plans. Students should have prior knowledge of safe weight room practices and correct lifting technique. Written and skill tests will be given throughout the trimester, along with an assessment of the student's individual fitness plan.

Prerequisites: Physical Education or PE: Team Sports or PE: Fit for Life AND Strength Training (C or better)

Personal Fitness (0.25 credit)

This course will provide the opportunity for students to engage in high-energy activities through aerobic exercise. Body development will be improved while cardiovascular endurance, muscular strength/endurance, and flexibility is gained. Students will have written work, projects, and tests throughout the trimester.

Prerequisites: Physical Education or PE: Team Sports or PE: Fit for Life

Advanced Team Sports (0.25 credit)

This course will provide the opportunity for students to increase their awareness of team sports and to engage in team sports by functioning as team players, coaches and referees. Students will create and implement practice schedules, plays and drills specific to each sport. Students will also learn, practice and apply conditioning techniques and rules for each sport. There will be written quizzes and tests on each sports unit.

Prerequisites: Physical Education or PE: Team Sports or PE: Fit for Life

Lifeguarding (0.25 credit)

This course will provide students the opportunity to receive their lifeguarding certification and develop their speed, endurance and technique in swimming. All course content is based on the Red Cross guidelines for certification and lifeguarding. Students will be taught and certified in CPR, first aid and lifeguarding skills.

Prerequisites: Physical Education or PE: Team Sports or PE: Fit for Life and to enroll in lifeguarding, a student must be at least 15 years of age and be able to swim 500 yards continuously.

School approved swimming suit or Mason suit required.

**2011/12 Fee: \$30.00*

Language Arts

	Sequence 1	Sequence 2
9	↓ English I & ECA	↓ Honors English I & ECA
10	↓ English II	↓ Honors English II
11	↓ English III	↓ Honors English III <i>AP Language & Composition*</i>
12	↓ English IV: British and World Literature Or English IV: Multicultural Literature	↓ [AP Literature and Composition] English IV: British and World Literature Or [AP Literature and Composition]: English IV: Multicultural Literature

RECOMMENDATION FOR HONORS and ADVANCED PLACEMENT ENGLISH

Admission to Honors and Advanced Placement courses requires several criteria including the following:

- Grade point average of "B" or better in Language Arts.
- Acceptance of additional time and commitment required for success in Honors courses.
- Desire to read and discuss literature at an analytical level.
- Papers from the previous year with scores in the 5 and 6 range on district rubrics if College Prep English, scores in the 4 and 5 range if Honors English.
- Parental support including the approval of more mature readings.
- Summer readings and scholarly essays or other written work.
- Verbal recommendation of current Language Arts instructor.
- Enrollment in an Honors English course in a previous district (if applicable).

Language Arts Required Courses (English I, II, III, IV are required for graduation)

English I (1.0 credit)

A study of both classical and contemporary works allows students to investigate how literary characters rediscover and create a sense of community and the building up and breaking down of community. A variety of academic and personal pieces will be written. A study of vocabulary is stressed. Summer reading is required.

Prerequisites: None

Honors English I (1.0 credit)

Honors English I covers the same curriculum as English I with enrichment activities and additional reading and writing components. Honors students are expected to progress at a more rapid rate, to write more papers and to have more independent reading selections. The course may cover literature of a more mature content and adult language. Summer reading and a summer assignment are required.

Prerequisites: See requirements for honors program

Language Arts (continued)

(ECA) Enhanced Communication Applications (0.5 credit)

Students in ECA will combine the skills of effective oral communication and computer technology. This interdisciplinary approach will enable students to integrate, practice and perfect the communication and computer skills essential for success in high school, college and the work world. Students will focus on utilizing the Microsoft Office 2007 software in a variety of oral presentations. This course is co-taught by teachers from the Technology and English departments and is freshmen graduation requirement.

**2011/12 Fee: \$2.00*

English II (1.0 credit)

Students will read a variety of genres learning to comprehend the nature of conflict and the means for resolution. Students will prepare, in a creative format, a variety of work that reflects an understanding of both literary and personal conflict and resolution. Summer reading is required.

Prerequisites: English I

Honors English II (1.0 credit)

Honors English II is an intensified writing and literature course. Supplementary assignments will be required and vocabulary and literature terms will be stressed with an emphasis on application. Students will develop their ability to see beyond the narrative level to the structural, rhetorical and symbolic level. The course may cover literature of a more mature content and adult language. Students will study the basics of research and write a research paper. A summer reading project is required.

Prerequisites: English I and Teacher recommendation

English III: American Literature (1.0 credit)

This course is a study of American Literature using outstanding examples of each type of writing that contributed to our literary growth as a nation and culture. Students will investigate the effect of the American Dream on the individual and society and respond to American Dreamers who fought for freedom and self-expression. Students will write academic and personal pieces, which reflect their own dreams and visions and the understanding of both the power and the frailty of personal dreams. Summer reading is required.

Prerequisites: English II

Honors English III: American Literature (1.0 credit)

This course is a preparation for both the Advanced Placement English Language and Advanced Placement English Literature courses and concentrates on the study of American Literature. Students will read both nonfiction and imaginative literature and learn the foundational skills of rhetoric, argument, and poetry analysis needed to succeed on both the AP English exams and in college writing. Students will practice academic writing through responses, essays, and documented research and will have the opportunity to produce creative writing through a variety of genres.

Prerequisites: English II and Teacher recommendation

English IV: British and World Literature (1.0 credit)

Students will investigate how good vs. evil permeates their lives thematically, historically, psychologically and philosophically, as well as how background and culture affect those definitions, as they study British literature from the Anglo Saxon period to the present. Students will study villains who show the face of greed, pride, lust, rebellion and power. Literature from the Age of Reason to the present will deal with conflict, and will also grapple with humanitarian issues. A variety of academic and personal pieces will reflect an emphasis on college preparatory work. Summer reading required.

Prerequisites: English III

English IV: Multicultural Literature (1.0 credit)

In this thematically organized course, students will investigate topics surrounding the structure of cultural identity through a study of both fiction and non-fiction texts. This study will include an examination of the power of individual and collective identity and factors that contribute to shaping and development of cultural customs and traditions. Students will investigate how people are valued in various societies in order to establish a greater appreciation of the importance of global awareness. A variety of personal and analytical writing will reflect an emphasis on college preparatory work. Summer reading is required.

Prerequisites: English III

Language Arts (continued)

[AP Literature and Composition] English IV: Multicultural Literature (1.0 credit)

This college-level course is a survey of both classical and contemporary literature designed for senior students who wish to take AP Literature and Composition exam and potentially earn college credit. Curriculum includes a critical examination of multicultural literature and world literature of a variety of genres, authors, and time periods. Students will develop a mature awareness of their function in society and their social responsibilities through a profound assessment of the universal themes of literature. These themes will be treated as reflections of the human condition, and the writing that conveys them as the predominant form of communication across cultures. Within the context of their literacy studies, students will write both personal and analytical essays with a distinct emphasis on understanding functional style, purpose, organization and rhetoric. Summer reading is required.

Prerequisites: Honors English III and/or Teacher recommendation

**2011/12 Fee: \$20.00*

[AP Literature and Composition] English IV: British and World Literature (1.0 credit)

This college-level course is an in-depth study of literature and composition for seniors which lays the foundation for the Advanced Placement English Literature and Composition exam. The course emphasizes vocabulary building, narrative writing, critiquing and expository writing, as well as, British and world literature. Students will be involved in extensive independent research, reading and study. Summer reading and a scholarly essay are required.

Prerequisites: Honors English III and/or Teacher recommendation

**2011/12 Fee: \$20.00*

Language Arts Electives

These courses *CANNOT* be used as substitutes or replacements for the English graduation requirements listed above.

Best Sellers (0.5 credit)

This course is for students who enjoy reading contemporary fiction and non-fiction and would like to participate in a discussion group that would explore the ideas and issues in current and past best sellers. This class will promote community literacy and develop life-long readers. This is designed for students who like to read for pleasure. This class will guide students in creating and sustaining book clubs, writing book reviews and learning about contemporary authors through various media sources. Works will be chosen independently with teacher guidance.

Blended Online Best Sellers (0.5 credit)

Best Sellers is an independent reading seminar that focuses on contemporary literature in a variety of genres. Students are able to choose books to read on their own or in small book clubs. At the completion of each unit students either present, complete a project, or submit a paper. During in-class sessions we cover a variety of topics and themes to give students a deeper understanding of issues in the contemporary writing world and book world. For the online component, students will read and respond to a variety of articles, essays, and short stories extending our classroom conversation. Independently, students will create and maintain a reading blog that chronicles their responses to chosen books.

Students (junior and senior level only) scheduled for the online/blended course will still be required to physically attend class during the scheduled bell at least once per week. Please see "Are you Ready for Online Coursework?" within the course description book prior to registering.

Prerequisites: Grades 11, 12

**2011/12 Fee: \$20.00*

Creative Writing I (0.5 credit)

This course provides a structured outlet for those with a passion for creative writing and is writing-intensive. All students will be expected to creatively write in many genres (poetry, short stories, plays, narratives, etc.), and a final, cumulative portfolio is required for successful completion of the course. Students will also read pieces that model the types of writing that are expected. Students will focus on various components of creative writing: character description, dialogue, vivid settings, conflict, etc. Publication is a goal of this course.

Creative Writing II (0.5 credit)

Students with a desire to explore writing style and craft (figurative language, syntactical structures, mature diction, etc.) will produce prose that is specific and purposeful in this course. Analysis of mentor texts and an in-depth genre study will allow students to examine specific writing techniques that impact readers. This course requires students to maintain an independent writing journal and is writing-intensive. Students will participate in collaborative writing workshops in which they will consistently receive encouragement and suggestions for revision. Oral and written publication of students' own work is a requirement for this course.

Prerequisites: Creative Writing I

Language Arts Electives (continued)

History and Hollywood (0.5 credit)

This course explores social, historical, and current cultural issues in movies and film. Students will analyze film techniques and themes. They will also evaluate various perspectives presented in film and informational text readings. Through the examination of fact versus fiction, we question what is truth and what is embellishment when filmmakers and authors have the power to alter our perception of reality.

Prerequisites: Grades 10, 11, 12

Advanced Placement Language and Composition (0.5 credit)

This college-level course is an in-depth study of rhetoric and composition for junior and senior students who wish to take the AP Language and Composition exam for college credit. Students in this course will read primarily nonfiction texts (both classic and contemporary) focusing on the relationship amongst a work's audience, purpose, and subject matter. Students will practice formulating positions on a number of issues with practice in constructing oral and written arguments. In addition, students will study visual media and the appeals it presents. This course is writing-intensive where students will practice the skills of rhetoric in their own argumentative, analytical, and expository compositions with a focus on improving style, diction, and syntax. This course is recommended for juniors but is also open to seniors.

Prerequisites: Honors English III or teacher permission

**2011/12 Fee: \$27.00*

Introduction to Broadcast Journalism (0.5 credit)

This course is an introduction to mass media production. It will focus on foundational concepts and skills. Included in the class will be the use of cameras, digital editing, construction of storyboards and elementary visual communication. Students will critically view professionally produced pieces locating elements of film and propaganda techniques.

Prerequisites: Grades 10, 11, or 12

**2011/12 Fee: \$3.50*

Advanced Broadcast Journalism I (0.5 credit)

Students will focus on interviewing, script writing, production packages (sports, student events and human-interest) and production and editing of various video programs. In addition, students will explore correct broadcast technique and terminology while adhering to the Broadcast Code of Ethics. Students will produce a video portfolio showcasing accumulated skills in the areas of broadcast journalism and broadcast production.

Prerequisites: Grades 11 or 12 and Introduction to Broadcast Journalism

**2011/12 Fee: \$3.50*

Advanced Broadcast Journalism II (0.5 credit)

Students in this course will continue to develop their broadcast journalism skills. Working independently, they will gather, write and produce news packages, in-depth features, human-interest stories, and sports news and a mini-documentary. While continuing to enhance their abilities in the areas of camera and editing techniques, students will act as producers in the production of news programs. Students will also critically analyze professional news programming.

Prerequisites: Grades 11 or 12 and Advanced Broadcast Journalism I

**2011/12 Fee: \$3.50*

Advanced Broadcast Journalism III (0.5 credit)

Students who have completed Advanced Broadcast Journalism II will have a chance to hone their skills in this course while independently developing a mini documentary in addition to producing news packages, in-depth features, human-interest stories and sports news.

Prerequisites: Grade 12 and Advanced Broadcast Journalism II

**2011/12 Fee: \$3.50*

Journalism I (1.5 credits – three trimesters)

First year Journalism students will learn about the major functions of newspaper production, including basic news writing, layout and design, and editing. During the first trimester, students will produce stories that will appear in the student newspaper, *The Chronicle*. Students will also be required to solicit advertising. Second trimester, students will continue writing for the paper, but will focus on layout principles and software like Quark Xpress and Photoshop. Third trimester, students will focus on composition, editing and decision-making while writing.

Prerequisites: English I (Application and Journalism teacher approval required.)

Language Arts Electives (continued)

Journalism II (1.5 credits – three trimesters)

Journalism II is available for students who serve in an editorial capacity for the *Comet Chronicle*, the Mason High School student newspaper. Students will be required to take Journalism I as a prerequisite. Students will be interviewed and appointed to editorial staff positions by the advisor. Editorial staff positions include: Editor, Assistant Editor, Layout Editor, Business Manager, Copy Editor, Photo Editor and Sports Editor.

Prerequisites: At least a "B" average in Journalism I (Application and Journalism teacher approval required.)

Journalism III (1.5 credits – three trimesters)

Journalism III is available for students who want to continue their study of Journalism at a higher level. These students will serve in leadership roles as part of the Executive and/or Editorial Staff. Students will be required to successfully complete Journalism I and II. Students will be given the opportunity to work on independent research projects. Students will compile a portfolio of works in preparation for application to college Journalism schools.

Prerequisites: At least a "B" average in Journalism II (Application required)

Speech and Debate (0.5 credit)

This course combines the art of public speaking through the disciplines of original oratory, literary interpretation and acting, and limited-prep delivery with the study and practice of theoretical and modern debate principles and procedures. It thoroughly explore the speech and debate (forensics) preparation required for tournament-style competition, such as selecting speech topics, researching/documenting sources, composing original works, cutting/splicing performance scripts, designing case layouts for debate, and enhancing verbal and physical delivery performance cues. In addition, students participate in peer critiques and self-evaluations while developing an ongoing appreciation for both performer conduct and audience etiquette.

Words from the Wild: Environmental Literature (0.5 credit)

This course is for students who love the *great outdoors*. Students who enjoy hiking, camping, fishing, canoeing or just communing with nature will enjoy reading wilderness adventures and philosophical writings by women and men who share this passion. Lessons include fly casting, fly tying, wilderness survival skills and identification of trees, flowers, birds and fish. Students will spend time outdoors observing nature. They will read about and discuss environmental issues.

Prerequisites: Grades 11 or 12

**2011/12 Fee: \$9.00*

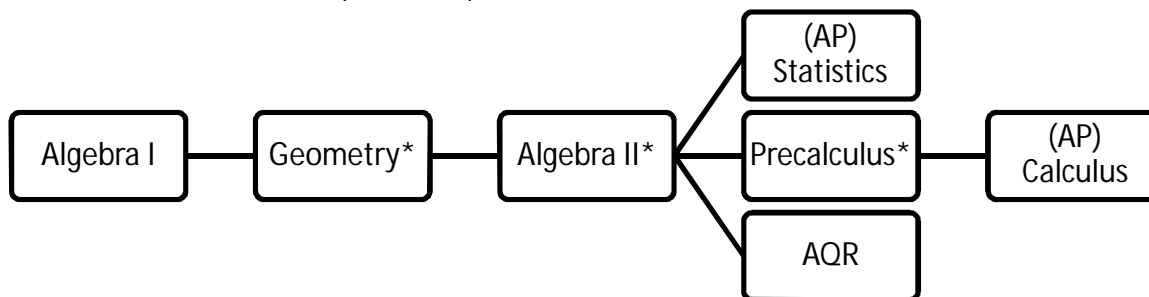
Yearbook (1.5 credits – three trimesters)

The outcome of this course is to produce a 300+ page yearbook for the given year. Students will be responsible for taking photos of school events, selecting and designing layouts, and total creation of the book. Selling advertising in the community is required. Because space is limited, students must apply for consideration. Applications will be made available prior to scheduling.

Prerequisites: English I and Yearbook teacher approval

Mathematics

Students should plan to complete Algebra I, Geometry, and Algebra II for graduation. Colleges prefer additional credits, and starting with the class of 2014, students are required to complete **four** credits.



*Honors courses are available

Continuous progress options exist for students. Please see your current math teacher or guidance counselor if you need more information about the option that might be best for you.

Statistics, Computer Programming, and Advanced Placement (AP) courses may be taken any time after prerequisites have been met. For students in honors courses, Computer Programming and Statistics courses are good elective options since continuous progress is not available.

TI-83/84 (any variety) or TI-Nspire graphing calculators are required for all math courses.

Mathematics (continued)

Introduction to Algebra I (0.5 credit)

Introduction to Algebra I is designed to strengthen pre-algebra skills. This course is provided strictly for students who need to develop the skills necessary for success in Algebra I. Basic Algebra I concepts will be introduced.

Offered first trimester only.

Prerequisites: Teacher recommendation is required

This course CANNOT be used toward the Mathematics graduation requirements.

Algebra I (1.0 credit)

Algebra I furnishes the language and tools necessary for study of higher mathematics. Primary emphasis will be on the solution of equations and inequalities, operations with polynomials including order of operations, factoring, radical expressions, rational expressions, graphing equations and inequalities, quadratic equations and solving systems of equations. Conceptual understanding and utilizing Algebra as a problem-solving tool will be emphasized.

Prerequisites: Successful completion of 8th grade math.

Introduction to Geometry (0.5 credit)

Introduction to Geometry is designed to strengthen pre-geometry skills. This course is provided strictly for students who need to develop the skills necessary for success in Geometry. Basic Geometry concepts will be introduced.

Offered first trimester only.

Prerequisites: Successful completion of Algebra I and Teacher recommendation.

This course CANNOT be used toward the Mathematics graduation requirements.

Geometry (1.0 credit)

Geometry examines the theorems, properties, vocabulary and concepts of shapes. Concepts will be developed from coordinate, transformational and synthetic perspectives, emphasizing algebraic-geometric connections. There will be extensive use of a computer-based geometry program to preview, reinforce and gain mastery of geometric concepts.

Prerequisites: Successful completion of Algebra I

Mathematics (continued)

Honors Geometry (1.0 credit)

Honors Geometry utilizes a theoretical-proof approach to examine the theorems, properties, vocabulary and concepts of shapes. Coordinate, transformational and synthetic perspectives will be explored, emphasizing algebraic-geometric connections. There will be extensive use of a computer-based geometry program to preview, reinforce and gain mastery of geometric concepts.

Prerequisites: Teacher recommendation

Introduction to Algebra II (0.5 credit)

Introduction to Algebra II is designed to strengthen Algebra I skills. This course is provided strictly for students who need to develop the skills necessary for success in Algebra II. Basic Algebra II concepts will be introduced.

Offered during first trimester only.

Prerequisites: Successful completion of Geometry and Teacher recommendation

This course CANNOT be used toward the Mathematics graduation requirements.

Algebra II (1.0 credit)

Algebra II is a continuation of Algebra I. Topics of study will include polynomial, rational, trigonometric, and logarithmic functions; sequences and series; and complex numbers, including applications that develop problem-solving techniques.

Prerequisites: Successful completion of Geometry

Honors Algebra II (1.0 credit)

Honors Algebra II is a rigorous continuation of Algebra I. Concepts will be developed from a theoretical-proof approach. Topics of study will include polynomial, rational, trigonometric, exponential, and logarithmic functions; sequences and series; complex numbers. Problem-solving techniques are strengthened through the applications presented.

Prerequisites: Honors Geometry with a "B" and Teacher recommendation

Advanced Quantitative Reasoning (AQR): Functions and Matrices (0.5 credit)

This is a course designed to give students a deeper understanding of topics in Algebra through a non-traditional format including heavy use of technology, modeling, and inquiry based problem solving. It is intended for students who could benefit from a stronger foundation in concepts such as quadratic functions, systems of non-linear equations, analyzing regressions, sequences and series, and financial applications. Due to an online component, students will be required to make arrangements to have access to the internet outside of class.

Prerequisites: Successful completion of Algebra IIB

Advanced Quantitative Reasoning (AQR): Trigonometry and Vectors (0.5 credit)

This is a course designed to give students a deeper understanding of topics in Algebra through a non-traditional format including heavy use of technology, modeling, and inquiry based problem solving. It is intended for students who could benefit from a stronger foundation in concepts such as trigonometric functions, complex numbers, vectors, and financial applications. Due to an online component, students will be required to make arrangements to have access to the internet outside of class.

Prerequisites: Successful completion of Algebra IIB

Pre-Calculus (1.0 credit)

Pre-Calculus is an elective course intended for college-bound students in preparation for calculus. Topics of study will include analysis of polynomial, rational and transcendental functions including logarithms, exponential functions, conic sections, and trigonometry. The study of polar graphing, complex numbers and vectors is also included. Modeling of real world phenomena is emphasized throughout.

Prerequisites: Algebra II with a "C"

Honors Pre-Calculus (1.0 credit)

Honors Pre-Calculus is an in-depth, rigorous, elective course intended for college-bound students in preparation for AP Calculus. Topics of study will include foundations of analysis, analysis of polynomial and rational functions, exponential and logarithmic functions, an introduction to limits, convergence and divergence of sequences and series, analytic geometry, advanced trigonometry, parametric and polar equations, vectors, and an introduction to calculus. Concepts will be developed from graphical, numerical, and theoretical-proof perspectives. Mathematical modeling of real problem situations will be emphasized.

Prerequisites: Algebra II with an "A" or Honors Algebra II with a "B" and Teacher recommendation

Mathematics (continued)

Calculus (1.0 credit)

Calculus is designed to introduce students to the concepts of Calculus, including limits, differentiation, optimization and integration. This is a challenging course that includes a detailed study of elementary functions. Calculus is designed for students who have a strong Pre-Calculus background.

Prerequisites: Pre-Calculus with a "C"

Advanced Placement Calculus AB (1.5 credits – 3 trimesters)

This is a challenging course that includes a detailed study of elementary functions. AB Calculus is designed for students who have a strong Pre-Calculus background. Topics include college level differential and integral calculus. Students will be prepared to take the advanced placement AB exam in Calculus, which may entitle them to earn up to one semester's college credit in Calculus.

*Prerequisites: Pre-Calculus with an "A" or Honors Pre-Calculus with a "B" and Teacher recommendation**2011/12 Fee: \$12.00

Advanced Placement Calculus BC (1.5 credits – 3 trimesters)

This is a very rigorous course that includes a detailed study of elementary functions. BC Calculus is designed for the student with an excellent Honors Pre-Calculus background combined with exceptional mathematical study skills. Topics include college level differential and integral calculus as well as polar coordinates, hyperbolic and transcendental functions. It is comparable to a full year of college Calculus. Students will be prepared to take the advanced placement BC exam in Calculus, which may entitle them to earn up to one year's college credit in Calculus.

Prerequisites: Honors Pre-Calculus with an "A" and Teacher recommendation

*2011/12 Fee: \$12.00

Statistics (1.0 credit)

Statistics is an elective course intended for college-bound students. Students will be introduced to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students will be exposed to four broad conceptual themes: exploring data, planning a statistical study, anticipating distribution patterns and statistical inference. The course will include the use of technology, projects and laboratories, cooperative group problem solving and writing.

Prerequisites: Algebra II with a "C"

*2011/12 Fee: \$4.00

Advanced Placement Statistics (1.5 credits – three trimesters)

This is a challenging course that includes a detailed study of elementary statistics. Students will be exposed to the following topics: Data Collection, Exploratory Data Analysis, Probability, and Statistical Inference. AP Statistics is designed for students who have a strong mathematical and language arts background. Students will be prepared to take the advanced placement exam in Statistics that may entitle them to earn up to one semester's college credit in Statistics.

Prerequisites: Algebra II with an "A" or Honors Algebra II with a "B" and Teacher recommendation

*2011/12 Fee: \$4.00

Computer Programming (These courses count for elective credit only)

Computer Programming I (0.5 credit)

Computer Programming I constitutes a trimester course utilizing Visual Basic 6.0 language as a vehicle for introducing control structures, data structures, standard algorithms and program design techniques.

Prerequisites: Algebra I with a "B"

Honors Computer Programming II (0.5 credit)

Honors Computer Programming II constitutes a trimester course utilizing Visual Basic 6.0 language as a vehicle for further study of control structures, data structures, user-defined functions, arrays, search and sort routines and program design techniques.

Prerequisites: Computer Programming I with a "C" and Teacher recommendation

Computer Programming (continued)

Honors Computer Programming III (0.5 credit)

Honors Computer Programming III constitutes a trimester course utilizing the C++ language within Eclipse IDE, intended primarily for those students who have special interest in computer science or in the fields that utilize computer science such as mathematics, science, engineering, business and teaching. Computer Programming III is intended primarily as an advanced placement course and will encompass several topics covered by the Computer Science advanced placement exam.

Prerequisites: Computer Programming II with a "C" and Teacher recommendation

Advanced Placement Computer Science (1.0 credit)

AP Computer Science constitutes a two-trimester course utilizing the Java language intended primarily for those students who have special interest in computer science or in the fields that utilize computer science such as mathematics, science, engineering, business and teaching. Students will be prepared to take the advanced placement exam that may entitle them to earn up to one semester's college credit in Computer Programming.

Prerequisites: Honors Computer Programming III with a "C" and Teacher recommendation

Science *(Graduation requirements include Physical Science, Biology and Chemistry)*

Possible Science Sequences

High School Graduate 2 year College	4 – Year College 2 – Year Tech School	4 – Year College <i>Life Science/Medical</i>	4 – Year College <i>Engineering</i>
Physical Science	Physical Science	Physical Science/Biology" A"	Physical Science/Biology "A"
↓	↓	↓	↓
Biology	Biology	Biology "B" Chemistry CP Chemistry	Biology " B" Chemistry CP Chemistry
↓	↓	↓	↓
Chemistry	Chemistry CP Chemistry	Forensics/Environmental Science/Physics/Honors Anatomy and Physiology/AP Biology or AP Chemistry	AP Biology/ Honors Anatomy and Physiology or AP Chemistry
↓	↓	↓	↓
At least 1 trimester of Astronomy & Meteorology, Forensics or Environmental Science	Physics or Honors Anatomy & Physiology or at least 2 trimesters of Astronomy & Meteorology, Forensics or Environmental Science	Physics or AP Physics C: Mechanics AND Any combination of Honors Anatomy & Physiology, AP Biology, AP Chemistry, Forensics or Environmental Science	AP Physics C: Mechanics and Electricity & Magnetism or AP Biology/Honors Anatomy and Physiology

Science (continued)

Physical Science (1.0 credit)

This course explores the science of matter and energy and their interactions. In this math-intensive lab course students will use inquiry, problem-solving, collaboration and technology to gain an understanding of the concepts. (REQUIRED)

Pre or Corequisite: Algebra I A

*2011/12 Fee: \$12.00

Biology (1.0 credit)

This course explores the biochemical and cellular basis of life on Earth through the principles of cell biology, genetics and evolution. These biological principles will be used to compare and analyze the development of Earth's living organisms and their interrelationships. (REQUIRED)

Prerequisites: Physical Science

*2011/12 Fee: \$7.00

Chemistry (0.5 credit)

This introductory, lab-based chemistry course will allow students to understand matter, atomic structure, the periodic table, bonding, and chemical reactions. The introduction of essential chemistry concepts will enable students to identify and analyze the chemistry that controls their world. Concepts will be developed to provide the skills needed for College Prep Chemistry. (REQUIRED)

Prerequisites: Biology A and B and Physical Science A and B

*2011/12 Fee: \$5.00

College Prep Chemistry (0.5 credit)

College Prep Chemistry (CP Chemistry) is a math-based science course designed for the college-bound student. Coursework will emphasize the skills needed for college level chemistry. Elaborating on the concepts learned in Chemistry, this course will review bonding and chemical reactions and will introduce students to stoichiometry, gas laws, and acid/bases. Students will study current chemical and mathematical theories underlying these concepts. Laboratory activities dealing with the skills needed to apply these theories of modern chemistry are essential parts of the course. This course is lab-based and completes the chemistry requirement for college entrance.

Prerequisites: Chemistry with a "C" or better average

*2011/12 Fee: \$5.00

Recommended Co-requisite: Algebra II

Forensic Science (0.5 credit)

Forensic science is a lab-based, cross-curricular course in which students will use scientific knowledge, complex reasoning and technology to investigate, establish and present facts related to crime. This course will integrate concepts from Math, English, and Social Studies, along with a variety of sciences including Chemistry, Biology, Anatomy, Genetics, Earth Science and Physics.

Prerequisites: Biology and Chemistry

*2011/12 Fee: \$14.00

Environmental Science (0.5 credit)

This course draws upon previous student knowledge in the areas of Physical Science, Biology and Chemistry to analyze the processes that are naturally changing their planet, the impact of humans on the global environment and their decision-making role locally in issues facing the Earth.

Prerequisites: Biology and Chemistry

*2011/12 Fee: \$6.00

Astronomy and Meteorology (0.5 credit)

This course will involve the exploration of the universe. Some of the topics covered will include: weather and meteorology, and exploring the night sky, the life and death of stars, galaxy formation and development, planets in and beyond our solar system, and life on other worlds. This course will integrate concepts from mathematics, physical science, chemistry and biology and will place an emphasis on how astronomers gather information about distant objects without leaving the earth.

Prerequisites: Successful completion of Physical Science A/B and Biology A/B

*2011/12 Fee: \$3.00

Honors Anatomy and Physiology (1.0 credit)

This honors-weighted course will investigate the human body systems. The course will explore the structure of the human body, the ways the human body maintains its internal environment, diseases related to each body system, and the chemical and electrical controls that helps coordinate the human body systems. Fetal pig and sheep organ dissection are integral components of the course.

Prerequisites: CP Chemistry with a "C" or better average

*2011/12 Fee: \$23.00

Science (continued)

Physics (1.0 credit)

This course is an overview of physics designed for students attending college but not considering a career in science. It will focus on linear mechanics concepts taught through modeling and hands-on activities. The course will expand the study of physics to concepts including energy, optics and electricity. Math skills are used every day to prove the theories behind the major physics concepts. Laboratory skill will be enhanced through numerous student-designed labs and project-oriented activities.

Prerequisites: Science: CP Chemistry

**2011/12 Fee: \$10.00*

Math: Algebra II A/B with a "C" or better average

Advanced Placement Biology (1.5 credits – three trimesters)

This rigorous biology course is designed for the student planning to pursue a career in a medical or other biology-related field. This course will further develop previously taught life science concepts. Areas of study include: biochemistry, cells, cellular energetics, heredity, molecular genetics, evolution and organism biodiversity. Students will also practice and sharpen their testing skills to prepare for the AP exam. Advanced laboratory and analytical skills will be applied throughout the course.

Prerequisites: CP Chemistry with a "C" or better average, ("B" average is highly recommended) and Teacher recommendation

**2011/12 Fee: \$45.00*

Advanced Placement Chemistry (1.5 credits – three trimesters)

This rigorous chemistry course is designed for the student planning to pursue a life or physical science career. This will be an in-depth study of the concepts introduced in previous chemistry courses. Advanced laboratory and analytical techniques is an integral part of this course. Areas of study include solution stoichiometry, equilibria, redox reactions, the kinetic theory of gases, solids and liquids, thermochemistry, descriptive chemistry, reaction kinetics, electrochemistry, covalent bonding, molecular shapes, quantum mechanics and a review of nuclear and organic chemistry. During each trimester a four-hour college level lab may be required on a weekend. Students will also practice sharpening their testing skills to prepare for the AP exam.

Prerequisites: Science: CP Chemistry with a "B" or better average and Teacher recommendation

**2011/12 Fee: \$45.00*

Math: Algebra II (Concurrent registration in Pre-calculus is recommended)

Advanced Placement Physics C: Mechanics (1.0 credit – two trimesters)

AP Physics C Mechanics is a national calculus-based course in physics. The curriculum for this course is designed by College Board. This course is equivalent to the first pre-engineering physics course for university students. The emphasis is on understanding the concepts in Newtonian Mechanics and applying this knowledge to a variety of situations. The students will use the skills learned in calculus along with the mechanics concepts, to solve problems. Topics that will be studied include 1-D and 2-D Kinematics, Dynamics, Laws of Conservation, Energy, Momentum, Rotational Dynamics, and Simple Harmonic Motion.

This course includes a laboratory component comparable to a semester-long, college-level physics laboratory. Students will spend approximately 20 percent of instructional time engaged in laboratory work. A hands-on, inquiry-based laboratory component is required. Each student will complete a portfolio of lab reports that reflect their study of mechanics.

Prerequisites: Science: CP Chemistry

**Fee – To Be Determined*

Math: Previously or currently enrolled in a Calculus course

Advanced Placement Physics C: Mechanics and Electricity & Magnetism (1.5 credits – three trimesters)

AP Physics C Mechanics is a national calculus-based course in physics. The curriculum for this course is designed by College Board. This course is equivalent to the first two pre-engineering physics course for university students. The emphasis is on understanding the concepts in Newtonian Mechanics and applying this knowledge to a variety of situations. The students will use the skills learned in calculus along with the mechanics concepts, to solve problems. Topics that will be studied include 1-D and 2-D Kinematics, Dynamics, Laws of Conservation, Energy, Momentum, Rotational Dynamics, and Simple Harmonic Motion.

The second half of the course is dedicated to the study of Electricity and Magnetism. In college, these topics are not studied until the second physics course for engineering majors. Studying these topics will challenge students to strengthen their abstract thinking skills and analyze situations that are too small to see with the naked eye. Students will see how their everyday mechanical world is controlled by our technological advancements. Topics that will be studied include Electrostatics; Conductors, Capacitors, and Dielectrics; Electrical Circuits; Magnetic Fields and Forces; and Electromagnetism.

This course includes a laboratory component comparable to a semester-long, college-level physics laboratory. Students will spend approximately 20 percent of instructional time engaged in laboratory work. A hands-on, inquiry-based laboratory component is required. Each student will complete a portfolio of lab reports that reflect their study of mechanics.

Prerequisites: Science: CP Chemistry Math: Previously or currently enrolled in a Calculus course

**2011/12 Fee: \$25.00*

Social Studies

Social Studies Sequence of Required Courses

School Year	Class of 2013	Class of 2014	Class of 2015	Class of 2016
2012 – 2013	American Government or AP Government and Politics *Juniors may take American Government or AP American Government as an elective	One of the following: AP American History, AP European History, Modern Political and Economic Issues, Contemporary Social Issues, or Economics	Am. History after 1877 or AP American History	World History after 1750 or Honors World History after 1750
2013 – 2014	↓	American Government or AP Government and Politics *Juniors may take American Government or AP American Government as an elective	One of the following: AP American History, AP European History, Modern Political and Economic Issues, Contemporary Social Issues, or Economics	↓ Am. History after 1877 or AP American History
2014 – 2015		↓	American Government or AP Government and Politics *Juniors may take American Government or AP American Government as an elective	↓ One of the following: AP American History, AP European History, Modern Political and Economic Issues, Contemporary Social Issues, or Economics
2015 – 2016			↓	↓ American Government or AP Government and Politics

Note: The World History, Honors World History, American History and AP American History courses all incorporate the Ohio Academic Content Standards for Social Studies, which are the basis of the Ohio Graduation Test.

World History after 1750 (1.0 credit)

This survey course in world history will focus on significant world events, people and places from 1750 to the present. This class is designed to introduce students to significant historical ideas and events that have helped shape the world today. The students will study political, economic, geographic, religious and cultural events throughout the world including Africa, Asia, Europe, Middle East and the Americas.

Prerequisites: Grade 9

Social Studies (continued)

Honors World History after 1750 (1.0 credit)

This advanced survey course in world history will focus on significant world events, people and places from 1750 to the present. This class is designed to introduce students to significant historical ideas and events that have helped shape the world today. The students will study political, economic, geographic, religious and cultural events throughout the world including Africa, Asia, Europe, Middle East and the Americas. Significant learning experiences different from the college-prep World History course include portfolio assignments, a novel (*Cry, The Beloved Country* has been used in the past), and pre-Advanced Placement assignments (readings and document-based questions).

Prerequisites: Grade 9 and Teacher Recommendation

Purchase of novel required

American History from 1877 (1.0 credit)

This survey course of American History will focus on events chronologically from 1877 to the present. Emphasis will be placed on helping students use acquired knowledge to analyze and draw conclusions with regard to specific units of study, which will include (but not limited to) the following: The U.S. and an industrial, economic and military power; causes/consequences of WWI; from prosperity to Depression to reform; domestic struggles at home; current domestic and foreign policy.

Prerequisites: Grade 10

**2011/12 Fee: \$12.00*

Advanced Placement American History [AP United States History] (1.5 credits – three trimesters)

This college-level course follows the College Board curriculum and is intended for those students who plan to take the Advanced Placement U.S. History exam. The course examines American History chronologically with an emphasis on evaluation, synthesis and analysis of primary documents. Students who plan to take Advanced Placement American History will be required to read selections over the summer as well as to submit papers over these selections. (The summer assignment will be posted on Edline). This will prepare students for the OGT as well as the AP exam. This course will follow a different chronological approach than American History from 1877. Students who take this course are exempt from taking American History from 1877. Please see page 8 of this booklet for the explanation of AP courses and complete the "Week in the Life of an AP U.S. History Student" found on the Guidance page on Edline prior to registering for this course.

Prerequisites: Grades 10 or 11, teacher recommendation and successful completion of World History or Honors World History.

Review book purchase may be required

**2011/12 Fee: \$12.00*

Advanced Placement European History (1.0 credit)

This college-level course follows the College Board curriculum and is intended for those students who plan to take the Advanced Placement European History exam in May. Students will study the historical events, concepts, and personalities that shaped and determined Western civilization from the Renaissance to the Modern Era. The course will address the chronology of major events and trends from approximately 1450 to the present, principal themes in modern European history, analysis of historical evidence, and skills to effectively express historical understanding in writing. Students will be required to read selections over the summer as well as to submit papers over these selections. (The summer assignment will be posted on Edline). Students who take this course will not be required to take Economics, Modern Political and Economic Issues, or Contemporary Social Issues for the graduation requirement.

Prerequisites: Grades 11 or 12, teacher recommendation; successful completion of World History or Honors World History

Review book purchase may be required

American Government (0.5 credit)

In this course, the origins, values and organizations of democratic government are examined and evaluated. Using the background of American History, the student examines the meaning and applications of the U.S. Constitution, our civil liberties, the role of political parties and the relationship of our government to the economy. Students will also examine the role of state and local government. Students will prepare to be active, participatory citizens – informed about national, state and local issues. *Prerequisites: Grades 11, 12*

Social Studies (continued)

Advanced Placement Government and Politics [AP United States Government and Politics] (1.0 credit)

Open to all junior and senior students with a sincere interest in better understanding American Government and Politics. In this course, students will address content related to the U.S. political culture and constitutional foundation, citizen behavior, political processes, functioning of and relations among the branches of government, civil rights and liberties, and public policies. The goals of this course are for students to gain knowledge of our democracy in theory and in practice, to increase their awareness of contemporary issues, to improve their ability to analyze and synthesize concepts and to express their understanding clearly and concisely in writing. This college-level course follows the College Board curriculum and helps prepare students for the Advanced Placement Government and Politics exam in May.

Prerequisites: Grade 11, 12 and Teacher recommendation

Psychology (0.5 credit)

This psychology course will explore theories of human behavior and the practical application of those theories. The curriculum includes cooperative learning strategies, critical thinking activities, controlled experimentation, small and large group exercises and personal reflection experiences. This methodology allows students to be active participants in their own education which in turn promotes an appreciation for the richness and complexity in human experience.

Prerequisites: Grades 11 or 12

Advanced Placement Psychology (1 credit)

This college-level course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within a psychology. Students also learn about the ethics and methods psychologists use in their science and practice. A goal of this class is to increase awareness of the ways psychological theories impact everyday life. The course will emphasize critical thinking, problem solving, and writing skills.

Prerequisites: Grades 11 or 12

Review book purchase may be required

Law and Criminal Justice (0.5 credit)

This course is designed to engage students in a critical examination of their legal responsibilities and rights. Students have the opportunity to discuss practical legal problems, contemporary legal issues, and the ramifications of breaking the law. The goal of this class is to provide students with a sense of belonging in society through empowerment with knowledge of the law. Students will study the judicial process as part of the political system with a focus on the participants (police, lawyers, judges, interest groups, litigants and jurors) and the legal process.

Prerequisites: Grades 10, 11 or 12

Modern Political and Economic Issues (0.5 credit)

Advancements in communications and transportation have created a global exchange of goods, ideas, and culture, while at the same time creating a need for more regional and global approaches to political events. Students in this issues-based course will analyze political and economic events and trends in an historical context while examining the implications these issues have for the future. Units of study include economic globalization, international peace and security, terrorism, and regional issues. Students will be asked to keep up with the events of the day through newspapers, television, and magazines and other media.

Prerequisites: Grades 11 or 12

Blended Online Modern Political and Economic Issues (0.5 credit)

This course will also be offered as an online/blended course. Students scheduled for the online/blended course will still be required to physically attend class during the scheduled bell at least once per week. See above for class description.

Prerequisites: Grades 11 or 12

Social Studies (continued)

Contemporary Social Issues (0.5 credit)

The 21st century will be a time of great opportunity for those who are prepared for the global arena and can apply critical and creative thinking to modern challenges. Developing an understanding of the people and their culture(s) is essential to addressing the principal issues confronting today's globalized world. This course is designed to engage students in analyzing specific modern social issues including religion and society, human rights, and the tension that occurs when a society becomes integrated globally. Students will be asked to keep up with the events of the day through newspapers, television, magazines and other media.

Prerequisites: Grade 11 or 12

Blended Online Contemporary Social Issues (0.5 credit)

This course will also be offered as an online/blended course. Students scheduled for the online/blended course will still be required to physically attend class during the scheduled bell at least once per week. See above for class description.

Prerequisites: Grades 11 or 12

Economics (0.5 credit)

This course will enable all students to master the essentials of micro and macroeconomics. Although the course is appropriate for any student, the course will be especially meaningful to students who plan to explore career options in business and finance. Students will gain an understanding of economic concepts through class lectures, group discussions and outside resource professionals. Upon completion of this course it is expected that students will be able to apply what they have learned in decision making as a process of evaluating economic choices and their implications.

Prerequisites: Grades 11 or 12

Non-Departmental Electives

Comet Connections (Three trimesters - 0.5 credit each)

This elective course, for selected students, with the purpose of assisting students in developing effective and successful academic, social and emotional strategies to help them achieve their high school goals follows three major themes that address the three parts of the high school experience: *Intrapersonal Intelligence* (student-centered), *Interpersonal Intelligence* (social/Human Interaction) and *Identified Intelligences* (Academic/Work Place Skills). These strategies and interventions are being put into place at the critical transitioning time of moving from middle school to high school. Students will be expected to monitor their progress and collaborate with the instructor on how to meet their individual academic goals.

Teaching Professions Academy

Teaching Professions Academy is Ohio's Career Pathway Program designed especially for high school students who are interested in a career in education. The purpose of the program is to provide students with the opportunity to explore and gather information about the challenges and opportunities offered by a career in education.

Teaching Professions

(Two trimesters – 1 credit)

Theory of Teaching and Learning is the first level course in the two-year Teaching Professions Academy Program. This course is designed for the student who enjoys working with children through the teaching and learning process. Students will utilize technology to prepare presentations and portfolio documents. Field trips to different school buildings and colleges will be incorporated into the classroom activities. Guest speakers from higher educational institutions will present current theory and practice. Students will be encouraged to enroll in the school's chapter of Future Educators of America and will be able to participate in regional competitions and conventions. This program is designed to support the student's post-secondary Teaching Professions career major. In this course, students will be introduced to the following: Orientation to Teaching Professions, Understanding the Learner, Communication Skills, Teaching Strategies in the Learning Environment, Assessing Teaching and Learning, and Professional Development.

Prerequisite: Grade 11

Non-Departmental Electives (continued)

Honors Teaching Professions

(Three trimesters – 2.5 credits)

Teaching and Learning Field Experience is the second level course in the two-year Teaching Professions Academy Program. In this course, students will receive instruction to successfully observe and begin practicing the principles of teaching and learning by completing internships with mentor teachers in the preschool, primary, intermediate, middle and high school levels. Visits to colleges with education programs will be incorporated into the program. Technology will be utilized to develop presentations and the course portfolio. Students will be encouraged to enroll in the school's chapter of Future Educators of America and will be able to participate in regional competitions and conventions. This program is designed to support the student's post-secondary Teaching Profession career major. Teacher Academy awards a total of one honors weighted credit for the successful completion of the Praxis Portfolio during the first and second trimesters. Students will also have the opportunity to earn college credit at participating four and two year colleges by completing a professional portfolio.

Prerequisite: Grade 12

MASON HIGH SCHOOL FEE SCHEDULE

2011-2012

*2012/2013 fees are subject to change. The fee information in the course description reflect 2011/2012 fees. Fees for 2012/2013 will not be available until June 2012.

COURSE TITLE	FEE AMOUNT	DESCRIPTION
APPLIED TECHNOLOGY		
Computer-Aided Design (CAD)	15.00	Drafting paper, ink, mats, disks, etc.
CAM A	15.00	Paper, fasteners, bits, glue, etc.
CAM B	15.00	Paper, fasteners, bits, glue, etc.
CNC Machining (A&B)	30.00	Paper, fasteners, bits, glue, etc.
Advanced Auto CAD (A&B)	30.00	Drafting paper, ink, mats, disks, etc.
Engineering CAD	15.00	Drafting paper, ink, mats, disks, etc.
Architecture CAD	15.00	Drafting paper, ink, mats, disks, etc.
VISUAL ARTS		
Ceramics I, II	32.00	Clay, glazes, assorted classroom and art supplies
Wheel Throwing	52.00	Clay, glazes, assorted classroom and art supplies
Digital Image Design I, II, III	25.00	Paper, ink, mats, assorted classroom and art supplies
Drawing I	25.00	Drawing papers, pencils, pastels, assorted classroom and art supplies
Drawing II, III	32.00	Drawing papers, pencils, pastels, assorted classroom and art supplies
Photo I, II, III	37.00	Paper, film, paint, chemicals, mat board, assorted classroom and art supplies, etc.
Sculpture: Clay	32.00	Paint, gesso, wire, surface treatments, assorted classroom and art supplies, etc.
Painting I	37.00	Paints, ground supports, tape, drawing supplements, assorted classroom and art supplies
Painting II, III	39.00	Paints, ground supports, tape, drawing supplements, assorted classroom and art supplies
AP Studio Art (A&B)	81.00	Paper/supports, mat board, wet/dry materials, assorted classroom and art supplies
Calligraphy	37.00	Schaeffer pen set, pen nibs, papers, inks, assorted classroom and art supplies
Metals/Jewelry	58.00	Various casting metals and stones, sketch books, assorted classroom and art supplies
CP Portfolio	38.00	Media specific supplies, matting and display materials, assorted classroom and art supplies
BUSINESS		
Accounting I	50.00	Simulation, online accounting workbook
Honors Financial Accounting	25.00	Online accounting workbook
Computer Applications for College	19.00	Portfolio Materials
ECA	2.00	Technology Fee
Microsoft Office Certification	61.50	MOS Certification Test – unlimited testing
Sports and Entertainment Mgmt.	2.00	Technology Fee
Entrepreneurs in Action	2.00	Technology Fee
Intro to Web Design	2.00	Technology Fee
Intro to Banking & Investments	14.00	Stock Market Simulation
Financial Literacy	16.00	Technology Fee; Stock Market Simulation
MATHEMATICS		
Statistics A	2.00	Data collection materials
Statistics B	2.00	Data collection materials
AP Statistics A	2.00	Data collection materials
AP Statistics B	2.00	Data collection materials

AP Calc AB A	12.00	Access code for online assignment system
AP Calc BC A	12.00	Access code for online assignment system
FINE ARTS		
Introduction to Theater	19.00	Make-up kit
Back Stage Theater	20.00	Design materials/scripts
Foundations of Technical Theater	25.00	Design materials
Advanced Tech Theater	25.00	Design materials
Beginning Guitar	15.00	Guitar strings, materials
Women's Choir	25.00	Choral materials/apparel rental and care
Men's Choir	25.00	Choral materials/apparel rental and care
Bel Canto	25.00	Choral materials/apparel rental and care
Concert Choir	25.00	Choral materials/apparel rental and care
Honors Concert Choir	25.00	Choral materials/apparel rental and care
Pop Acapella Choir	25.00	Music
Concert Green/White	25.00	Materials/workbook
Concert Winds	35.00	Materials/workbook/vest rental
Marching Band	375.00	Music/drill/camp/trip/apparel
Symphonic Band (Girls)	45.00	Materials/workbook/camp
Symphonic Band (Boys)	80.00	Materials/workbook/camp/tux rental
Wind Symphony (Girls)	45.00	Materials/workbook/camp
Honors Wind Symphony (Girls)	45.00	Materials/workbook/camp
Wind Symphony (Boys)	80.00	Materials/workbook/camp/tux rental
Honors Wind Symphony (Boys)	80.00	Materials/workbook/camp/tux rental
Winter Guard	375.00	Music/drill/camp/apparel
Winter Percussion	75.00	Music/drill/camp/apparel
Symphony Orchestra	25.00	Materials/workbook
Honors Symphony Orchestra	25.00	Materials/workbook
Philharmonic Orchestra	25.00	Materials/workbook
AP Music Theory	35.00	McGaumet software/ear train, workbook, CD
Concert Orchestra Green/White	25.00	Materials/workbook
SCIENCE		
AP Chemistry A	35.00	Study guide, chemicals and class materials
AP Chemistry B	5.00	Study guide, chemicals and class materials
AP Chemistry C	5.00	Study guide, chemicals and class materials
AP Biology A	30.00	Study guide, specimens and class materials
AP Biology B	10.00	Specimens, class materials
AP Biology C	5.00	Specimens, class materials
AP Physics A	5.00	WebAssign, class and project materials
AP Physics B	10.00	Class and project materials
AP Physics C	10.00	Class and project materials
Biology A	1.00	Specimens and materials
Biology B	6.00	Specimens and materials
Chemistry	5.00	Chemicals and class materials
College Prep Chemistry	5.00	Chemicals and class materials
Physical Science A	6.00	Protractor, cars, chemicals/materials
Physical Science B	6.00	Protractor, cars, chemicals/materials
Physics A	10.00	Class and project materials
Honors Anatomy & Physiology	23.00	Chemicals, specimens and class materials
Astronomy & Meteorology Science	3.00	Class materials
Forensics	14.00	Chemicals and class materials
Environmental Science	6.00	Class materials
HEALTH/PHYSICAL EDUCATION		
Independent Living/Wellness	10.00	Sewing kits, cooking supplies
Life Guarding	30.00	Lifeguards
FOREIGN LANGUAGE		
Spanish I, II, III, IV	18.00	Workbook
AP Spanish	20.00	Workbook
French I, II, III, IV	17.00	Workbook
AP French	31.00	Workbook and audiocassettes

German I, II, III, IV	14.00	Workbook
American Sign Language I, II	25.00	Signing Naturally Series
Mandarin I	21.00	Workbook
Mandarin III	21.00	Workbook
LANGUAGE ARTS		
AP English IV: Brit and World Lit	20.00	5 steps workbook
AP English IV: Multicultural	20.00	5 steps workbook
Intro. to Broadcast Journalism	3.50	Mini DV Tape
Advanced Broadcast Journalism I	3.50	Mini DV Tape
Advanced Broadcast Journalism II	3.50	Mini DV Tape
Advanced Broadcast Journalism III	3.50	Mini DV Tape
Words from the Wild	9.00	Fly Tying materials
AP Language and Composition	27.00	5 Steps to a 5 AP English Language workbook, The Lively Art of Writing
SOCIAL STUDIES		
American History from 1877 A	12.00	Consumable OGT book
AP American History A	12.00	Consumable OGT book
GUIDANCE DEPARTMENT		
Plan (10 th grade)	10.00	Test
PSAT (11 th grade)	15.00	Test
Guidance Fee	2.50	Special programming for all students including, but not limited to, guest speaker fees, College 101 Night, FAFSA night, Financial Aid night, consumable materials including ACT online prep, Naviance and other college and career prep resources.
PLANNER		
Planner	4.00	Planner