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## GENERAL PROGRAM REQUIREMENTS

### INTRODUCTION

The Registration Guide has been prepared to assist the student with making important decisions while preparing his/her course of study each year. Whether the opportunity to make choices becomes an asset or a liability will be determined by the decisions made by the student after receiving the assistance of their parents, teacher, and/or counselor.

It is essential that course selections made are consistent with the student's educational and career goals and the graduation requirements. This should be done by assessing one's abilities, aptitudes, and interests. **Medina High School reserves the right to alter student schedules based on prerequisite requirements, standardized test performance and course availability.**

The Master Schedule for the year is developed after students make their choices during registration. It is during the time of the development of the schedule that some students will find that conflicts do arise and adjustments must be made. Counselors are available to students to assist when conflicts arise. Students are encouraged to use every possible resource in the high school to make wise course selections.

THE NUMBER OF SECTIONS OFFERED FOR A COURSE IS BASED ON YOUR REGISTRATION. **PLEASE REGISTER ACCURATELY.**

### COURSE AVAILABILITY

All electives are subject to availability. Seniors are given first choice and then juniors, sophomores, and freshmen. Electives may be cancelled due to a lack of interest or for other academic needs that may arise as a result of scheduling, academic/OGT performance and/or building needs.

### **GRADUATION REQUIREMENTS**

Total credits required for graduation = 21.

Specific graduation requirements:

Must pass all sections of state mandated tests.

• Language Arts.....	4 credits
• Mathematics.....	3 credits
• Science .....	3 credits
• Social Studies .....	3 credits
• Health.....	1/2 credit
• Phys. Ed.....	1/2 credit
• Electives.....	<u>7 credits</u>
TOTAL .....	21 credits

**One credit or two half-credits of electives must include: Business/Technology or Fine Arts or World Language.**

## FEES

There is a general fee of \$15 which includes agenda books, and misc. supplies. Whenever a fee or workbook is needed for a class, the estimated cost is listed in the course description. Class fees for materials and workbooks will be invoiced to students and parents in the fall of each school year. Teachers will distribute consumable materials to students in class. In music, certain fees are paid to the parent group, which are separate from fees listed in this guide. In several courses, materials for projects are purchased by students on their own at different times throughout the course. These fees are not invoiced through the school. Please check each course description in order to calculate the total fees you may be charged. Fees for individual courses are subject to change. Due to manufacturing cost and changes in a course needs, fees could increase or decrease by the time the actual course is taken.

There is a full waiver of Pay to Participate fees for students on free lunch and one-half (1/2) waiver of the Pay to Participate fees for students on reduced lunch. Please bring your current official letter documenting your free or reduced lunch status when paying participation fees.

### AP Fee Reduction Policy

The College Board provides a fee reduction per exam for students with acute financial need, such as students on the Free/Reduced lunch program.

### OHIO DIPLOMA WITH HONORS for Classes of 2010

**According to standards set by the Ohio State Board of Education**

**To be eligible for the Ohio Diploma with Honors, the student who completes the COLLEGE PREPARATORY CURRICULUM in high school must meet any eight of the following nine criteria:**

1. Earn four units of English.
2. Earn three units of mathematics that include Algebra I, Algebra II, and Geometry or complete a three-year sequence of courses that contain equivalent content.
3. Earn at least three units of Science that include instructional emphasis on the Physical, Life, Earth, and Space Sciences.
4. Earn three units of Social Studies.
5. Earn either three units of one World Language or two units each of two World Languages.
6. Earn one unit of Fine Arts.
7. Earn either one unit of business/technology and two additional units in (1) through (6) above or earn three additional units, in (1) through (6) above.
8. Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year.
9. Obtain a composite score of 27 on the American College Testing (ACT) tests or an equivalent composite score of 1210 on the Scholastic Assessment Test (SAT) with no regard for its new writing portion. (This maintains the two scores' comparability as qualifying criteria).

### OHIO DIPLOMA WITH HONORS FOR CLASSES 2011, 2012 & 2013

**According to standards set by the Ohio State Board of Education**

**To be eligible for the Ohio Diploma with Honors, the student who completes the COLLEGE PREPARATORY CURRICULUM in high school must meet any seven of the following eight criteria:**

1. Earn four units of English.
2. Earn four units of mathematics that include Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content.
3. Earn four units of Science that include physics and chemistry.
4. Earn four units of Social Studies.
5. Earn either three units of one World Language or two units each of two World Languages
6. Earn one unit of Fine Arts.

7. Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year.
8. Obtain a composite score of 27 on the American College Testing (ACT) tests or an equivalent composite score of 1210 on the Scholastic Assessment Test (SAT) with no regard for its new writing portion. (This maintains the two scores' comparability as qualifying criteria).

### **VOCATIONAL EDUCATION DIPLOMA WITH HONORS**

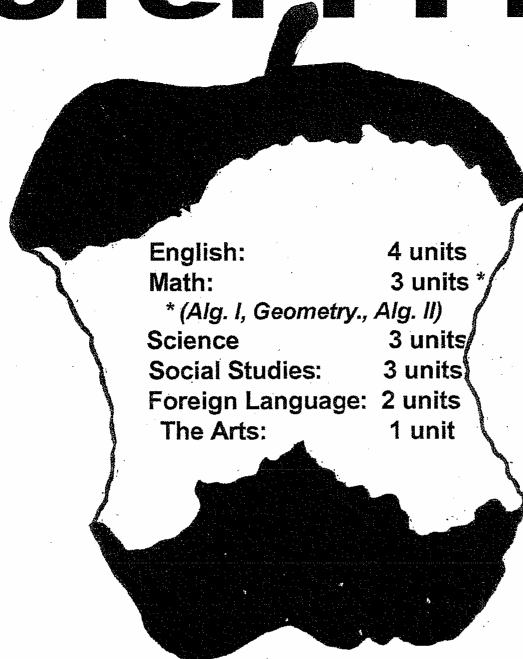
The student who completes an intensive vocational or technical education curriculum in the high school shall meet at least **nine of the following ten** criteria:

1. Earn 4 units of English, which may include one unit of applied communication.
2. Earn 3 units of mathematics, which will include Algebra and Geometry, or a sequence of courses that contains equivalent content.
3. Earn 3 units of Science that develop concepts for Physical, Life, Earth and Space Sciences.
4. Earn 3 units of Social Studies.
5. Earn 2 units of a World Language or 2 units of business/technology; or 1 unit of each.
6. Earn 3 units in the student's vocational or technical education curriculum.
7. Earn 2 additional units in (1) through (6) or fine arts.
8. Maintain an overall high school grade point average of at least 3.5 on a four-point scale up to the last grading period of the senior year.
9. Complete a career passport that reflects achievement of the occupational proficiency benchmark established for the Ohio Vocational Competency Assessment or the equivalent; or
10. Obtain a composite score of 27 on the ACT or a composite score of 1210 on the Scholastic Assessment Tests (SAT) with no regard for its new writing portion. (This maintains the two scores' comparability as qualifying criteria).

### **STUDENT COURSE LOAD**

**Underclassmen must be enrolled in a minimum of six courses each semester.** Seniors in good academic standing may enroll in five courses each semester. To meet the minimum graduation requirement of 21 credits, a student must earn a minimum 5-1/4 credits a year. Students should take additional courses based on their needs, time, and interests. It is the student's responsibility to insure that they are enrolled in a minimum number of classes each semester. This is very important for the student athlete. An athlete MUST be enrolled in a minimum of five full classes (excluding physical education or repeated courses) in order to meet eligibility requirements for sports participation. Please refer to pages 12-13 of the Registration Guide. It is recommended that students and their parents consider the demands of the course description, students' abilities, outside interests, and extra-curricular programs when considering additional courses.

# The Minimum Core . . . \*



## . . .for college preparation in Ohio

\* Some programs may require more extensive preparation in specific subject areas. Check with your guidance counselor and the state university of your choice for additional information

Endorsed by the Admissions Offices of:

Bowling Green State University  
Central State University  
Cleveland State University  
Kent State University  
Miami University

Ohio University  
The Ohio State University  
Shawnee State University  
The University of Akron

University of Cincinnati  
University of Toledo  
Wright State University  
Youngstown State University

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## POST-SECONDARY ENROLLMENT OPTION PROGRAM

Presently throughout Ohio, high school students may attend a college or university of their choice under the Post-secondary Enrollment Option Program. This program is intended to provide expanded opportunities for appropriately qualified high school students. A few topics to keep in mind if you desire to explore such a position:

- 1) Informational meeting is held every March at Medina High School.
- 2) Understand your admission to such a program is strictly the decision of the college or university; admission requirements vary.
- 3) Deadlines are critical and vary from college to college.
- 4) Courses can be taken strictly for college credit (Option A), or college/high school credit (Option B). Under Option A students are financially responsible for all tuition and related costs, while under Option B the local school district pays tuition and related costs. See your counselor.
- 5) While Medina High will assist you in your efforts as you seek admission, we cannot be responsible for courses, work load, hours of instruction or transportation to such institutions of higher education.
- 6) Courses taken at the university for college/high school credit will be included in the student's grade point average; no weighted grades will be issued for these courses. This may affect your G.P.A. and rank.
- 7) The following table will be used to convert college hours of credit to Carnegie credit:

Semester Hours	Credit	Quarter Hours	Credit
5	1.0	7.5	1.0
4	.8	6.0	.8
3	.6	5.0	.67
2	.4	4.0	.53
1	.2	3.0	.4
		2.0	.27
		1.0	.13

- 8) High school credit can only be issued from an official college transcript. This may affect your participation in commencement exercises.
- 9) Be aware that university and high school calendars usually differ as far as exams, vacations, graduation dates, etc. Students may not arrive late to or leave early from high school classes because of conflicting college schedules.
- 10) Students participating in Post-secondary Enrollment are reminded that in any academic year only 7 credits (3.5 per semester) can be applied towards class rank.
- 11) Be aware that not all colleges accept PSEO credits as college credits.
- 12) Part-time PSEO students must maintain MHS attendance requirements.
- 13) NCAA Eligibility: Students are responsible for insuring their NCAA eligibility when taking PSEO classes. The high school sends many documents to the NCAA Clearinghouse concerning our curriculum and the course contents of classes offered at the high school. Student athletes may be asked to submit similar information about their college courses. The student is responsible for obtaining and submitting any requested information about college classes to the NCAA Clearinghouse. Failure to do so could result in the loss of college athletic eligibility.
- 14) Credits toward graduation: Students need to check with their counselor on a regular basis to be sure their graduation credits are accumulating appropriately. Each new semester, the PSEO student should make sure the high school has a copy of his/her college grades and current schedule and should see the counselor to check credits.
- 15) Distance Learning courses are PSEO classes at Medina High. See your counselor for details.

## UNIVERSITY OF AKRON PSEO

Students who are interested in enrolling in PSEO through The University of Akron must meet the following eligibility requirements:

### **For 11<sup>th</sup> and 12<sup>th</sup> Graders:**

1. 3.3 GPA and a 24 composite or a 1100 SAT composite or a 3.5 GPA
2. Seniors must have passed all parts of the Ohio Graduation Test.

### **For 9<sup>th</sup> and 10<sup>th</sup> Graders:**

1. 3.75 GPA and 26 ACT or 1150 SAT composite
2. Letter of recommendation from a school instructor within the student's field of interest
3. Write an essay, 500 words or less, regarding why the student wishes to enroll in the class

Deadline to apply for fall and spring semesters is May 15 and October 15, respectively. Enrollment also requires a non-refundable application fee set by the university, a high school transcript, a College Prep Form, and the most recent report card.

## CUYAHOGA COMMUNITY COLLEGE PSEO

### Requirements:

1. Complete Enrollment Options Program Application
2. Successful completion of Tri-C's English and mathematics test at the Assessment Center on campus or ACT Test scores that are sent directly from the ACT testing center.  
Deadline Date: May 12 and December 12 (suggested application date)  
(30 days prior to the start of the semester)

### 11<sup>th</sup> and 12<sup>th</sup> Grade

1. Prefer a 3.00 GPA
2. Pass Tri-C's English and mathematics tests (at the Assessment Center on Campus) at the college level or ACT Test scores that are sent directly from the ACT testing center.

### 9<sup>th</sup> and 10<sup>th</sup> Grade

1. 3.5 GPA
2. Pass Tri-C's English and mathematics tests (at the Assessment Center on Campus) at the college level or ACT Test scores that are sent directly from the ACT testing center.

*NOTE: Freshmen are limited to one course; sophomores are limited to two courses.*

## LORAIN COUNTY COMMUNITY COLLEGE PSEO

1. GPA recommendations for PSEO admissions:
  - i. Freshmen: 3.9
  - ii. Sophomore: 3.7
  - iii. Junior: 3.5
  - iv. Senior: 3.0
2. Completion of LCCC's COMPASS assessment test for placement in English, Math and Reading courses. COMPASS can be waived by an LCCC advisor or counselor if the student has ACT scores of 24 or higher in all categories. Additional assessment required for higher level courses.
3. Submission of application (December 12 and May 12 suggested dates).
4. LCCC advisor/counselor meeting prior to class registration.

## LETTER GRADES AND NUMERICAL EQUIVALENTS

A combination of letter grades and pluses and minuses shall be used to communicate academic progress of students.

Students shall be rewarded for taking more difficult courses; therefore, a differentiated grading system shall be used for Honors/Advanced Courses and Advanced Placement Courses. The following courses shall be weighted:

### Honors/Advanced Courses

Spanish IV and V  
 German IV and V  
 French IV  
 Senior Art Portfolio  
 Honors Freshman Language Arts  
 Honors Sophomore Language Arts  
 Honors Juniors Language Arts  
 Honors Freshman Geometry  
 Honors Algebra II  
 Honors Pre-Calculus  
 Honors Biology  
 Honors Chemistry  
 Honors European History  
 Concert Choir..... }  
 Symphonic Band..... } Senior Level Only  
 Symphonic Orchestra..... }

### Advanced Placement Courses

AP Literature & Composition  
 AP Language & Composition  
 AP Math I (AB)  
 AP Math II (BC)  
 AP Biology  
 AP Chemistry  
 AP Environmental Science  
 AP Physics B Science  
 AP Microeconomics  
 AP Political Science  
 AP Psychology  
 AP American History  
 AP Latin IV  
 AP French V

The following table shall be used when calculating grade point averages:

Course Grades	Regular Course Equivalent	Honor/Advanced Weighted Course Equivalent	Advanced Placement Weighted Course Equivalent
A+	2.165	2.415	2.665
A	2.0	2.25	2.5
A-	1.83	2.08	2.33
B+	1.665	1.915	2.165
B	1.5	1.75	2.0
B-	1.33	1.58	1.83
C+	1.165	1.415	1.665
C	1.0	1.25	1.5
C-	0.83	1.08	1.33
D+	0.665	0.915	1.165
D	0.5	0.75	1.0
F	0	0	0

*Note: Physical Education courses are calculated at ¼ credit, hence ½ regular course equivalent.*

## **GRADE POINT AVERAGES**

A student's quarter grade point average will be calculated by taking the quarter grade for each course attempted. The appropriate point values for each grade earned for all courses are totaled. This total is divided by the number of course credits attempted. The final semester grades are used to calculate a student's accumulative GPA. The calculation process is the same using the final semester grades.

## **CLASS RANKING**

A student is ranked numerically within his/her graduation class based upon his/her accumulative grade point average. The accumulative GPA is based upon semester grades. All members of a graduation class are ranked numerically based upon this accumulative GPA. Ranking is done twice each year, after each semester.

There are additional characteristics of Medina High School's system of weighted class rank that you should be aware of when selecting courses for the coming year. They are:

1. No more than 6 units of credit by correspondence may be applied toward a diploma at Medina High School unless approved through the Office of Student Services. Credit for correspondence courses is available for: a) courses that are not offered at MHS; b) courses that have been attempted by a student at MHS, but were failed; c) approval through the Office of Student Services. All correspondence courses will be posted toward graduation. MHS will transfer these courses using a letter grade if the student has completed the work under the guidance of a faculty member and the approval of the principal. Otherwise, correspondence courses will be transferred to MHS as Pass/Fail credit. Pass credits are not calculated into the GPA or class rank.
2. Home schooled credit may be transferred to MHS through the Office of Student Services. All home schooled credit will be transferred to Medina High School as Pass/Fail credit. Home schooled credits will be posted toward graduation but will not be calculated into GPA or class rank.
3. All irregularly earned credit will be transferred to MHS as regular course credits. This will include all Post Secondary credits and all summer school credits.
4. Students who transfer into Medina High School with existing credits will have the same credit, GPA, and class rank standards as current Medina High School students. Transferred credits will be adjusted to the guidelines stated above.
5. Class rank will be determined at the end of each semester for each graduating class beginning in the 9<sup>th</sup> grade year.
6. Final class rank standings will be calculated at the completion of the 8<sup>th</sup> semester.
7. After 7 semesters, the top 35 seniors will be determined by numerical GPA. After 8 semesters the top 10 seniors will be determined by numerical GPA. All will be honored at commencement. A student must be enrolled at Medina High School and have received grades from Medina High School during semesters 5 and 6 to be included in the top 35 and/or the top 10.
8. Seniors who receive the state awarded Honors Diploma will also be distinguished at commencement with a gold tassel.

### **GRADE PLACEMENT STANDARDS**

- Tenth Grade ..... A student will be advanced to the sophomore class--first semester, 10th grade--when he/she has earned a minimum of five (5) units in the 9th grade.
- Eleventh Grade ..... A student will be advanced to the junior class--first semester, 11th grade--when he/she has earned a minimum of ten (10) units.
- Twelfth Grade..... A student will be advanced to the senior class--first semester, 12th grade--when he/she has earned a minimum of fifteen (15) units.

### **SCHEDULE CHANGES/DROPPING COURSES**

1. Due to the careful guidance each student receives, very few schedule changes will be honored. Schedule changes of convenience cannot be accommodated. Underclassmen must have a minimum of six (6) courses each semester and senior students must have a minimum of five (5) courses each semester.
2. In general, schedule changes will be limited to Post-Secondary Enrollment schedule needs, academically misplaced students (determined by administrator, counselor and teacher), and conflicts that occur in the master schedule.
3. All schedule changes are subject to final review and approval by the administration.
4. Student-initiated schedule changes occurring after April 17, 2009 may result in a Withdrawn Failure (WF) **for the remainder of the course**. This policy includes second semester courses.
5. Note, in moving from an honors or AP course to a regular course during mid-semester no weighted grades will be transferred.

### **PARTICIPATION-COMMENCEMENT EXERCISES/OTHER SENIOR ACTIVITIES** **(as they pertain to academics)**

Students may not participate in the Spring Commencement Ceremony unless they have met all of the following requirements:

1. Students must have earned a full twenty-one units and have passed successfully all the required courses for graduation.
2. Students must have satisfied all time and financial obligations they may owe the school.
3. Students must have passed all sections of the Ohio Graduation Test.

### **JANUARY GRADUATION/EARLY COMPLETION**

A student initiated request for January completion of high school must make application through his/her guidance counselor by April 17th of the junior year. A student desiring early completion is responsible for scheduling a minimum of 5 classes including the required courses for the first semester of his senior year. Early graduates are expected to finish the semester and take examinations. Any student not completing graduation requirements at the end of the first semester must attend as a full-time student the second semester (scheduled five classes). All diplomas will be issued in June. These students may receive their diplomas at the June commencement ceremony.

### **AUDITING AND REPEATING COURSES**

Any student may audit a course, as room permits, if a more solid foundation is needed for future success. The student must attend all classes and complete all required work, including the semester exam. No

credit is awarded and the transcript grade will be indicated as "AU". Audit request forms are available from a counselor, and must be completed during Spring registration.

Audits requested after the start of a semester must be teacher approved. A course begun as an audit may not be changed to a grade with credit. Audited courses do not count for athletic eligibility.

#### **FOR CLASSES OF 2010 & 2011**

Any student may repeat a course. Both grades will appear on the transcript and the higher grade will count toward the grade point average. Credit is only awarded once.

#### **CLASS OF 2012 & 2013**

For courses that are required for graduation, students will repeat the course. For courses that are not required for graduation, students may repeat if space is available. In all cases, if the original grade was a passing mark, both grades will appear on the transcript and the higher grade will count toward the grade point average. Credit is only awarded once. If the original grade was a failing mark, both grades will appear on the transcript and both grades will count toward the grade point average. Credit is only awarded once.

Audits and repeats are contingent upon seat availability. It is the responsibility of the student to notify his guidance counselor of any audits and repeats. No audited or repeated classes will be calculated in co-curricular eligibility.

#### **CO-CURRICULAR ELIGIBILITY**

A student in grade 9, 10, 11, or 12 must be currently enrolled and must have been enrolled in school immediately preceding a grading period. Students must receive passing grades during that grading period in subjects that earn a minimum of 5.0 credits per year toward graduation. The eligibility or ineligibility of a student continues until the start of the 5th school day of the next grading period, at which time the immediately preceding grading period grades become applicable.

A student participating in any co-curricular activity **MUST** be enrolled in a minimum of five full classes each semester (not including physical education or any ¼ credit class) in order to meet eligibility requirements for sports and co-curricular participation. It is the responsibility of the student to verify his/her own eligibility.

In addition, a student must earn at least a 2.0 GPA in the preceding grading period to be eligible. Students who earn below a 2.0 GPA, but at least a 1.0 GPA, will be placed on academic probation. Once on academic probation, the student must meet with the athletic director and complete a probation sheet. In order to compete, the student must have all homework complete, behave properly in class, and maintain a GPA above a 1.0.

Credits earned in summer school do not count toward eligibility. Courses being repeated do not count for eligibility.

A student enrolled in the first grading period must pass 75% of his/her classes in the last grading period of eighth grade. After advancement from the eighth grade he/she must have, in the preceding grading period, a GPA of 2.00 to be eligible. If the student has between a 1.00 and 2.00 the student will be on probation. A GPA under 1.000 would make the student ineligible.

Because Medina High School awards credit at the completion of each semester, a student must always be aware of whether he or she is carrying at least a minimum course load. The student's course load must be distributed evenly over both semesters. It is important that a student is passing the equivalent of 1-1/4 credits per quarterly grading period, or 25% of the total of 5.0 credits needed to be eligible for the next grading period. (See example following.)

**(Example 1) - Minimum Course Load (six classes taken)**

<u>Course</u>	<u>Credit Earned per Grading Period</u>
Biology	1/4
Physical Education	1/8*
English	1/4
Social Studies	1/4
Math	1/4
Latin	<u>1/4</u>
Credits	1-1/4

This student is eligible because five courses were passed and a minimum of 1-1/4 credits were earned.

\*For ease do not count Physical Education in the mix.

If a student takes 5 classes (not counting Physical Education) and passes all, the student is eligible. If the student takes only 5 classes and fails one, the student is ineligible. Students must take at least 6 courses per semester (counting Physical Education).

**(Example 2 - Course Load Too Small)**

<u>Course</u>	<u>Credit Earned per Grading Period</u>
Personal Typing	1/4
Band or Choir	1/4
Physical Education	1/8
English	1/4
Social Studies	<u>0*</u>
Credits	7/8 (* Student failed Social Studies)

This student is ineligible because only four courses were passed and he/she failed to earn a minimum of 1-1/4 credits (25% of 5.0 credits).

**(Example 3 – Failed to Pass Minimum Number of Credits)**

<u>Course</u>	<u>Credit Earned per Grading Period (six classes taken)</u>
Earth Science	1/4
Math	1/4
Art	1/4
Physical Education	1/8
Social Studies	1/4
English	<u>0*</u> (* Student failed English)
Credits	1-1/8

This student is ineligible because, while five courses were passed, he/she failed to earn a minimum of 1-1/4 credits (25% of 5.0 credits)

Medina High School requires that every student must carry a minimum course load of six subjects each semester. In most situations, if the above policy is adhered to and a student received passing grades in six courses, he/she should be eligible. However, Example 3 is a possible exception. If a student wishes to participate in co-curricular activities, more than the minimum number of courses should be scheduled. To be on the safe side, be sure to consult your counselor.

## EDUCATIONAL OPTIONS

### **SERVICE LEARNING CREDIT**

#### **2 Semesters**

This program provides students the opportunity to earn course credit by working as a teacher's aide in an elementary school classroom within the school district. Students seeking to earn Service Learning Credit will be placed with an elementary school teacher of their choice. Students must commit at least 160 hours of service in the elementary school classroom and submit a record of those hours to their appropriate guidance counselor. Students can earn 1 credit after 160 hours. Service Learning Credit is only open to Juniors and Seniors. Placements other than in an elementary school may also be considered. Students must complete an application and obtain approval from their parents and guidance counselor.

### **STUDENT COUNCIL SERVICE LEARNING CREDIT**

#### **2 Semesters**

This program is designed to provide Student Council members the opportunity to earn credit by volunteering. Students seeking to earn Student Council Service Learning Credit will be placed with a Student Council advisor during their study hall period. Students will receive one credit hour for each 160 hours of service. Student Council Service Learning Credit is open to any Student Council member. It is the responsibility of the student to submit a record of hours worked. It should be noted that the study hall itself does not count toward service learning credit, it is the actual service work done during that time that will be counted.

### **WORK CREDIT**

#### **2 Semesters**

This program is designed for students to receive credit for work experience. Seniors in good standing may be eligible to begin their work program during the last part of the day. Students in grades 9-11 must work after school or on weekends and can be eligible for credit with 1 credit earned after 160 hours. Up to two full credits may be earned per year. Students must meet all requirements of the program as outlined in the application. Work is described as either for pay or volunteer. Students must obtain approval from their parents and guidance counselor. It is the responsibility of the student to regularly provide pay stubs, proof of employment, and employment information to their counselor. **Failure of any class may result in the loss of senior work credit privileges.**

### **SENIOR RELEASE**

Seniors who are in good academic standing, display proper citizenship qualities, and have no attendance or discipline problems may sign up for senior release. Senior release will be scheduled for the last period of the day (one period only). The administration reserves the right to revoke this privilege. **Senior release is not a guaranteed option. A student's course selections and the master schedule may result in a class being scheduled for the last period. Failure of any class may result in the loss of senior release privileges.**

### **SENIOR EARLY BIRD**

Seniors may choose to enroll in classes offered before the regular school day, typically 6:30am – 7:20am. The length of the Early Bird student's school day is dependent upon the student's course selections and the master schedule. Therefore, dismissal time is dependent upon the scheduling of the student's five classes.

### **SENIOR LATE ARRIVAL**

Seniors who choose late arrival will be scheduled for class's period 2 through the end of the school day. Only one period of late arrival will be granted and students may not have senior release at the end of the

day. Students may have work credit, but working hours must be after school or on weekends. Seniors must still enroll in five classes per semester.

### **FOREIGN EXCHANGE STUDENT GUIDELINES**

Foreign exchange students at Medina High School will be expected to follow the guidelines outlined in the student handbook for all Medina High School students. This includes the attendance policy and the conduct code. In addition to this, all foreign exchange students will take an appropriate Language Arts course. The remainder of the schedule will be determined by the student, the counselor, and the host parent(s). Foreign exchange students will be placed in the Junior class but will take classes on all grade levels and be extended Senior privileges (commons and Senior Release). Foreign exchange students will participate in the senior farewell ceremony, where they will be recognized for attending Medina High School. By administrative policy, Medina High School limits foreign exchange students to four each year.

## The BENEFITS of taking an AP COURSE at Medina High School

Medina High School administers Advanced Placement exams in May of each year. There is a wide range of Advanced Placement courses reflected in each of the major discipline areas. Advanced Placement courses, because of their academic rigor, are assigned a weighted grade (A = 5.0, B = 4.0, C = 3.0, D = 2.0, F = 0). Acceptable AP scores may enable students to earn college credit by demonstrating competence in freshman college-level course work.

Students and parents should be aware of the demanding nature of AP courses. Expectations for these classes are extensive and some summer assignments may be required. Students are involved in college level activities, particularly in the areas of writing and test taking. Advanced Placement courses place a high degree of emphasis on the students' self-motivation, study skills, and the ability to self-direct their own learning. The AP teachers of Medina High School strongly recommend that students enrolled in AP courses take the AP exam.

- Most of the nation's colleges and universities, and colleges and universities in 24 other countries, grant students credit, placement, or both, for qualifying AP Exam grades.
- By saving time and money in college, you increase your options for dual majors, early graduation, travel abroad and elective courses that might not otherwise fit into your schedule or timeline.
- AP Exams give you an opportunity to gauge your readiness for college and to compare your abilities with high achieving students across the entire nation.
- Even if you take the college version of the AP course, your preparation for the AP Exam will give you the confidence that you can handle the work and give you some cushion as you adjust to college life.
- Students who earn a C or better (2nd semester) in an AP course AND take the AP COLLEGE BOARD EXAM will NOT be required to take the END of COURSE EXAM.
- AP courses at the high school are worth a weighted grade (A=5.0 B=4.0 C=3.0 D=2.0).
- By taking a total of five or more AP Exams of courses in which you earn a grade of B or better, you will earn the distinction of being a Medina High School AP Scholar and receive recognition.
- By taking the AP Exams, you help to validate the strength of our AP courses and generate data that assists in making program decisions.

## PROGRAM OF STUDIES 2009-2010

### CLASS OF 2013

#### REQUIRED COURSES

Appropriate Math Course by Recommendation  
Freshman Level Language Arts or Honors Freshman Language Arts  
\*Physical Earth Science, or \*Honors Biology\*\*; Physical Education,  
\*Health, Freshman U.S. History

#### ELECTIVES

##### ART

- \*Drawing I – II (.5 credit)
- \*Painting I – II (.5)
- \*Cultural Arts (.5)
- \*Mixed Media Arts (.5)

##### BUSINESS EDUCATION

- \*Intro to Business (.5)
- \*Keyboarding with Microsoft Technology (.5)
- \*Word Processing (.5)
- \*Business Tech I (.5)

##### FAMILY &

##### CONSUMER SCIENCES

- \*Careers in Fashion (.5)

##### WORLD LANGUAGES

- \*Spanish I, Spanish II
- \*French I, French II
- \*Latin I
- \*German I
- \*Mandarin Chinese I\*\*

##### INDUSTRIAL ARTS/TECHNOLOGY

- \*Power Technology (.5)
- \*Drafting, Engineering I
- \*Digital Graphic Communication (.5)
- \*Introduction to Industrial Technology (.5)
- \*Construction & Production Technology (.5)

##### LANGUAGE ARTS

- Introduction to Journalism
- \*Introduction to Theater (.5)

##### MUSIC

- \*Marching Band
- \*Concert Band
- \*Concert Winds
- \*Symphony Band
- \*Symphony Orchestra
- \*Freshman Strings
- \*Freshman Choir

##### VOCATIONAL

- Career Based Intervention (CBI)  
(3 credits)

All classes are 1 credit, unless otherwise noted.

\*\*Denotes placement requirements

\* Denotes a financial obligation for this class.  
(Class fee, Pay to Participate fee, or both.)

#### FRESHMAN CLASSIFICATION

Successful completion of eighth grade  
or placement by Middle School Principal

#### SOPHOMORE CLASSIFICATION

A minimum of five (5) credits

**PROGRAM OF STUDIES 2009-2010**

**CLASS OF 2012**

**REQUIRED COURSES**

Sophomore Level Language Arts or \*Honors Sophomore Language Arts  
appropriate sequential Math course;  
appropriate \*Science course; Physical Education,  
Sophomore World History or Honors European History\*\*

**ELECTIVES**

**ART**

- \*Drawing I – II (.5 credit)
- \*Painting I – II (.5)
- \*Cultural Arts (.5)
- \*Mixed Media Art (.5)
- \*Process Portfolio (.5)

**BUSINESS EDUCATION**

- \*Intro to Business (.5)
- \*Keyboarding w/Microsoft Technology (.5)
- \*Word Processing (.5)
- \*Personal Finance (.5)
- \*Accounting I (.5)
- \*Accounting II (.5)
- \*Business Tech I (.5)
- \*Business Tech II (.5)

**FAMILY &**

**CONSUMER SCIENCES**

- \*Careers in Fashion (.5)
- \*Nutrition & Foods (.5)

**WORLD LANGUAGES**

- \*Spanish I, II, III
- \*French I, II, III
- \*Latin I, II
- \*German I, II
- \*Mandarin Chinese I\*\*

**INDUSTRIAL**

**ARTS/TECHNOLOGY**

- \*Drafting, Engineering I
- \*Drafting, Engineering II
- \*Construction & Production Technology (.5)
- \*Digital Graphic Communication (.5)
- \*Introduction to Industrial Technology (.5)
- Web Page Production (.5)
- \*Power Technology (.5)

**LANGUAGE ARTS**

- \*Debate I, II (.5)
- \*Introduction to Theater (.5)
- Introduction to Journalism
- \*Journalism – Newspaper I
- \*Theater & Acting I, II (.5)
- \*Journalism - Yearbook I

**MUSIC**

- \*Marching Band
- \*Concert Band
- \*Concert Winds
- \*Symphony Band
- \*Symphony Orchestra
- \*String Orchestra
- \*Chorale
- \*Concert Choir
- \*Women's Chorus
- \*Treble Chorus

**VOCATIONAL**

Career Based Intervention (CBI)  
(3 credits)

All classes are 1 credit, unless otherwise noted.

\*\*Denotes placement requirements

\* Denotes a financial obligation for this class.  
(Class fee, Pay to Participate fee, or both.)

**SOPHOMORE CLASSIFICATION**

Minimum of five (5) credits

**JUNIOR CLASSIFICATION**

Minimum of ten (10) credits

**PROGRAM OF STUDIES 2009-2010**

**CLASS OF 2011**

**REQUIRED COURSES**

Junior Language Arts or Honors Junior Language Arts  
appropriate sequential Math course;  
appropriate \*Science course

**ELECTIVES**

**ART**

- \*Drawing I – II (.5 credit)
- \*Painting I – II (.5)
- \*Cultural Arts (.5)
- \*Mixed Media Art (.5)
- \*Ceramics (.5)
- \*Modern Art (.5)
- \*Process Portfolio (.5)

**BUSINESS EDUCATION**

- \*Keyboarding with Microsoft Technology (.5)
- \*Word Processing (.5)
- \*Accounting I (.5)
- \*Accounting II (.5)
- \*Personal Finance (.5)
- \*Business Tech I (.5)
- \*Business Tech II (.5)
- \*Business Management (.5)

**FAMILY &**

**CONSUMER SCIENCES**

- \*Careers in Fashion (.5)
- \*Apprenticeship in Design (.5)
- \*Nutrition & Foods (.5)
- \*College Prep (.5)

**WORLD LANGUAGES**

- \*Spanish I, II, III, IV
- \*French I, II, III, IV
- \*Latin I, II, III
- \*German I, II, III

**INDUSTRIAL**

**ARTS/TECHNOLOGY**

- \*Drafting, Engineering I
- \*Drafting, Engineering II
- \*Construction & Production Technology (.5)
- \*Digital Graphic Communication (.5)
- \*Introduction to Industrial Technology (.5)
- \*Video Production Technology
- Web Page Production (.5)
- \*Power Technology (.5)

**LANGUAGE ARTS**

- College Bound Literature (.5)
- Creative Writing (.5)
- \*Debate I, II, III, IV (.5)
- Introduction to Journalism
- \*Introduction to Theater (.5)
- \*Journalism - Newspaper I, II
- Mythology & Rel. Literature (.5)
- Senior Literature (.5)
- \*Theater & Acting I, II, III, & IV (.5)
- \*Journalism – Yearbook I, II

**MUSIC**

- \*Marching Band
- \*Concert Band
- \*Concert Winds
- \*Symphony Band
- \*Symphony Orchestra
- \*String Orchestra
- \*Chorale
- \*Concert Choir
- \*Women's Chorus
- \*Treble Chorus

**PHYSICAL EDUCATION**

**SOCIAL STUDIES**

- Human Relations (.5)
- Human Behavior (.5)
- Contemporary American Affairs
- AP American History
- AP Psychology

**VOCATIONAL**

- Career Based Intervention (CBI)
- Experience age 16 and over, application required (3 credits)

All classes are 1 credit, unless otherwise noted.

\* Denotes a financial obligation for this class.  
(Class fee, Pay to Participate fee, or both.)

**JUNIOR CLASSIFICATION**

A minimum of ten (10) credits

**SENIOR CLASSIFICATION**

A minimum of fifteen (15) credits

## PROGRAM OF STUDIES 2009-2010

### CLASS OF 2010

#### REQUIRED COURSES

One-half credit of Civics or A.P. Political Science; one-half credit of Economics or A.P. Micro Economics.  
One credit of English, including either Advanced Placement Literature & Composition, Advanced Placement Language & Composition or Advanced Composition.

#### ELECTIVES

##### ART

- \*Drawing I – II (.5 credit)
- \*Painting I – II (.5)
- \*Cultural Arts (.5)
- \*Mixed Media Art (.5)
- \*Ceramics (.5)
- \*Senior Portfolio (.5)
- \*Modern Art (.5)

##### BUSINESS EDUCATION

- \*Keyboarding with Microsoft Technology (.5)
- \*Word Processing (.5)
- \*Accounting I (.5)
- \*Accounting II (.5)
- \*Business Tech I (.5)
- \*Business Tech II (.5)
- \*Business Management (.5)

##### FAMILY &

##### CONSUMER SCIENCES

- \*Careers in Fashion (.5)
- \*Apprenticeship in Design (.5)
- \*Nutrition & Foods (.5)
- \*College Prep (.5)

##### WORLD LANGUAGES

- \*French I, II, III, IV
- \*AP French V
- \*German I, II, III, IV, V
- \*Latin I, II, III
- \*AP Latin IV
- \*Spanish I, II, III, IV, V

##### INDUSTRIAL

##### ARTS/TECHNOLOGY

- \*Drafting, Engineering I
- \*Drafting, Engineering II
- \*Construction & Production Technology (.5)
- \*Digital Graphic Communication (.5)
- \*Introduction to Industrial Technology (.5)
- \*Video Productions Technology
- Web Page Production (.5)
- \*Power Technology (.5)

##### LANGUAGE ARTS

- College Bound Literature (.5)
- Creative Writing (.5)
- \*Debate I, II, III, IV (.5)
- \*Journalism - Newspaper I, II III
- Mythology & Related Literature (.5)
- Senior Literature (.5)
- \*Theater & Acting I, II, III, IV (.5)
- \*Journalism - Yearbook I, II, III

##### MATHEMATICS

- Integrated Math IV
- Pre-Calculus
- Calculus
- AP Math I
- AP Math II

##### MUSIC

- \*Marching Band
- \*Concert Band
- \*Concert Winds
- \*Symphony Band
- \*Symphony Orchestra
- \*String Orchestra
- \*Women's Chorus
- \*Chorale
- \*Concert Choir
- \*Treble Chorus

##### PHYSICAL EDUCATION

##### SCIENCE

- \*Chemistry
- \*Honors Chemistry
- \*Environmental Science
- \*Physical Science
- \*Physics
- \*AP Physics "B"
- \*AP Biology
- \*AP Environmental Science\*
- \*AP Chemistry

##### SOCIAL STUDIES

- Human Relations (.5)
- Human Behavior (.5)
- AP American History
- AP Psychology

##### VOCATIONAL

- Career Based Intervention (CBI)
- (3 credits)

All classes are 1 credit, unless otherwise noted.

\* Denotes a financial obligation for this class. (Class fee, Pay to Participate fee, or both.)

## ART

Any intended art major needing or desiring a portfolio will be aided in assembling one.

Students who are on a Differentiated Educational Plan (DEP) will be assigned to an art advisor, who will assist each student with personalizing their art program throughout high school. DEP students are those who have been identified as being gifted in the visual arts.

Students who fall behind in class work may need to do additional work at home in order to complete all assignments.

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**DRAWING I**  
**1 Semester**  
**.50 Credit**

**Prerequisite: None**  
**Fee: \$15.00**

Begin to learn and explore the techniques necessary to become a better artist. A variety of drawing materials and experiences will be explored, including pencil, charcoal, pastels, ink, and scratchboard. Subjects will involve two-dimensional, three-dimensional, and fantasy sources. This course is a prerequisite for Drawing II.

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**DRAWING II**  
**1 Semester**  
**.50 Credit**

**Prerequisite: Drawing I**  
**Fee: \$18.00**

Expand on the ideas and techniques of Drawing I. Continue to use a variety of materials to create two-dimensional artwork. Create drawings that use combinations of ideas and materials. Suggested for the student who loves to draw, use value and color, and is thinking of a possible career in art.

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**PAINTING I**  
**1 Semester**  
**.50 Credit**

**Prerequisite: None**  
**Fee: \$15.00**

If you love color and paint, this is the class for you. Using watercolor, tempera, and mixed media, you will complete paintings in abstract and realistic styles. Subject matter may include landscape, floral, and still-life objects. You will learn glazing techniques, color theory, composition, and contemporary painters' styles. Some miscellaneous materials from home may be required.

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**PAINTING II**  
**1 Semester**  
**.50 Credit**

**Prerequisite: Painting I**  
**Fee: \$18.00**

Continue the exploration of color and paints. Create paintings using the traditional mediums of watercolor, acrylic and oil. Paint from different sources and work on developing a personal painting style. Some miscellaneous materials from home may be required.

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**CULTURAL ARTS**  
**1 Semester**  
**.50 Credit**

**Prerequisite: None**  
**Fee: \$15.00**

Experience art in its 3-dimensional form! Discover new materials and techniques as you explore various artists, cultures, and their history. A variety of materials will be explored including glass, tin, fibers (yarn/fabric), paper, etc. Some projects created may include mosaics from Italy and Greece, weavings and rug making from Turkey, piñatas from Mexico and many more. Throughout the semester, students may be required to bring various materials from home.

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**MIXED MEDIA ART**  
**1 Semester**  
**.50 Credit**

**Prerequisite: Cultural Arts**  
**Fee: \$18.00**

Expand on the techniques, design principles, and three-dimensional creative concepts acquired from the Cultural Arts class. Stained glass panels/window or sun catchers will be created this semester as well as figures in either tin/rivets and soldering or fabric/stitching. Many other advanced projects will also be created to enhance your 3-D skills while creating personal works of art. Students may be required to bring some miscellaneous materials from home.

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**CERAMICS**  
**1 Semester**  
**.50 Credit**

**Prerequisite: Gr. 11/12**  
**Fee: \$18.00**

Create ceramic projects using various methods of hand building and slip casting. Vessels, tiles, figurines, and sculptural designs will be featured. Different finish techniques for ceramics will be used including staining, painting, glazing, and underglazing.

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**PROCESS PORTFOLIO**  
**1 Semester**  
**.50 Credit**

**Prerequisite: See below**  
**Fee: \$18.00**

Art majors wishing to begin developing a portfolio for college, students who have been identified as gifted in visual arts (DEP) and those who have a strong understanding of the elements and principles of design are encouraged to take this course. A variety of art projects and medias will be explored using mainly two-dimensional processes. The types of assignments may include drawing, painting, printmaking, etc. Emphasis will be placed on following artistic procedures, creativity, and studio participation. Throughout the semester, students may be required to bring various miscellaneous materials from home.

Prerequisite: Dept./teacher recommendation; 10-11 standing.

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**SENIOR PORTFOLIO**  
**1 Semester**  
**.50 Credit**

**Prerequisite: 2 art electives w/grades  
of B or above/ Senior**  
**Fee: \$18.00**

This course is for the serious art student who shows a strong understanding of the principles of design, and who has a high level of artistic talent. Students will have the opportunity to complete their portfolio for scholarship and college entry requirements. Guest speakers will discuss portfolio recommendations and careers in art. Two art electives (drawing & painting are recommended) are required for entrance into the course, or submission of a portfolio for review to obtain recommendation is required. Sketchbooks are required and must be purchased by the student, as well as a portfolio. **(Approximate cost for both items: \$15.00.)** One mat board for each student will be provided. If the student wishes all pieces to be matted, they must purchase the additional board. **\*Offered 1st semester only.** Outside work is expected for sketchbook assignments (2-4 hours each week). Matting artwork for scholarship opportunities or college requirements may require extra time inside or outside of the classroom.

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**ANCIENT ART; MODERN ART**  
**1 Semester**  
**.50 Credit**

**Prerequisite: Gr. 11/12**  
**Fee: \$15.00**

The class will study major artists, art styles and movements throughout history. Students will gather information through lecture, slides, videos, and participation in various class activities. Instruction on taking slide tests for art history will be covered. Studio art projects (both two and three-dimensional) that reflect the artist or period studied will be part of the learning process. Students who need or want a fine arts credit, but aren't studio art oriented, would do well with this class. Art majors are strongly recommended to take the class. The class will be offered on a rotating basis with Ancient Art being offered one year and Modern Art the next. Modern Art offered school year 2009-2010. Outside class time will include studying for slide tests twice during the semester.

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## BUSINESS/TECHNOLOGY EDUCATION

### **INTRODUCTION TO BUSINESS**

**1 Semester  
.50 Credit**

**Prerequisite: Gr. 9/10  
Fee \$20.00**

Provides a new approach for students to discover availability and usefulness of business subjects to their futures. The course will cover an introduction to such business activities as recordkeeping, banking, and economic understanding. Also, topics dealing with career exploration, savings, and investing, money management, income taxes, insurance, consumer information, credit, and business for personal use will be included. **Workbook required.**

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### **KEYBOARDING WITH MICROSOFT TECH.**

**1 Semester  
.50 Credit**

**Prerequisite: None  
Fee \$5.00**

Students will learn to operate the alphabetic and numeric keyboards using the traditional touch method. They will be introduced to Microsoft Word, Excel, and Desktop Publishing. During the course of the class students will learn how to prepare personal business letters, reports in MLA style, and basic Excel spreadsheets. Successful completion of this course will result in skills that the student will be able to use throughout his/her education and career.

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### **WORD PROCESSING**

**1 Semester  
.50 Credit**

**Prerequisite: Keyboarding  
Fee \$5.00**

This course is designed to familiarize the student with the ease and flexibility of Microsoft Word, which empowers users to discover and use more of the new and existing functions of this application. Students will be challenged to learn Word Processing technology from working with formatting, styles, bullets, tables of contents, to academic writing of letters, reports, forms, and term papers. Students will also learn features of the Internet and graphics by creating a desktop publishing holiday book project.

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### **BUSINESS TECH I**

**1 Semester  
.50 Credit**

**Prerequisite: Keyboarding  
Fee \$5.00**

Students will work with the Microsoft Office XP operating software introducing: Microsoft Excel, PowerPoint, and Publisher. They will utilize Microsoft PowerPoint to learn to organize, design, and deliver powerful presentations. Integration of the Internet will enable the student to create impressive desk-top publishing projects to use in all aspects of education from formal reports to personal card and invitation design. Students will also be introduced to basic HTML webpage creation. This class is essential for the college bound or anyone who plans on pursuing a competitive business career.

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### **BUSINESS TECH II**

**1 Semester  
.50 Credit**

**Prerequisite: Business Tech I  
Fee: \$5.00**

Students who enjoyed the projects and software of Business Technology I will gain the benefit of creating advanced projects in this course. Students will further develop their skills in Microsoft Excel, PowerPoint, HTML Webpage design and Word. Students will also build a virtual computer using the Internet and presentation tools. All career and college bound students will benefit from this course; especially those studying advertising, business, marketing and public relations.

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**PERSONAL FINANCE****1 Semester**  
**.50 Credit****Prerequisite: Gr. 10/11****Fee \$5.00**

This course introduces students to the world of money management and finance. Students will learn what to do with their money by learning about their financial options and responsibilities--how to enjoy their financial resources today and be financially secure tomorrow. They will also learn about financial issues concerning their immediate futures such as: financial options for college, credit cards, and loans. They will find out how businesses manage their finances, and learn how important wise financial management is to personal and business success. Technology will be used to help the student manage finances in new, quicker, and more accurate ways through computer-based financial planning activities.

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**ACCOUNTING I****1 Semester**  
**.50 Credit****Prerequisite: Gr. 10/11/12****Fee \$5.00****Workbook \$18-20**

This semester course is designed to give students complete knowledge of the accounting cycle for a sole-proprietorship service business. The student will learn the laws of debit and credit, apply the accounting equation to the operation of the business, and they will learn to prepare accounting forms and financial statements. Through these introduction lessons the student will also acquire knowledge of many business and financial practices. The student will learn both manual accounting and computerized accounting (PeachTree, Excel) preparing them for further accounting courses and familiarizing them with bookkeeping practices that they will find useful throughout life. **Workbook required.**

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**ACCOUNTING II****1 Semester**  
**.50 Credit****Prerequisite: Accounting I****Fee: \$5.00****Workbook \$18-20**

A review and continuation of Accounting I, the students will apply the lessons learned in Accounting I, reviewing the concepts and applying the steps from the accounting cycle in other business organizations. Analysis of the financial statements and how they tie into business decisions in various organizations will be the focus of many lessons. Practice sets, problems and computer software will be used to assist the student in understanding and applying the lessons. This class will further prepare the student for college accounting and business courses. **Workbook required.**

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**BUSINESS MANAGEMENT****1 Semester**  
**.50 Credit****Prerequisite: Gr. 11/12****Fee \$5.00**

Advanced Business is a semester course designed to give the students an in-depth look at the ever changing world of business from the management perspective. Primarily a project based class in which students will develop an understanding of such management principles as; communication, decision-making, planning and strategic management, delegating responsibility and authority, working with others in groups, management styles, managing conflict, and motivation and leadership. This is an excellent class for preparing students for surviving in life, the business world, and also for college level business classes.

**FAMILY AND CONSUMER SCIENCES**  
**(VOCATIONAL HOME ECONOMICS)**

Family and Consumer Sciences encompasses the total well being of an individual as a responsible family and community member. Students need knowledge and problem solving skills to be able to live well in today's changing world. Many skills are taught and practiced in these courses to encourage positive relationships and to manage work and family responsibilities for the well being of self and others.

Available Courses (by grade level) in Family & Consumer Sciences

Freshman	Sophomore	Junior	Senior
		Apprenticeship in Design	Apprenticeship in Design
		College Prep	College Prep
Careers In Fashion	Careers In Fashion	Careers In Fashion	Careers in Fashion
	Nutrition and Foods	Nutrition and Foods	Nutrition and Foods

**Projects:** Materials for projects are purchased by students on their own at different times throughout a course. These fees are not invoiced through the school.

**NUTRITION AND FOODS**  
**1 Semester**  
**.50 Credit**

**Prerequisite: Gr. 10/11/12**  
**Fee \$15.00**

Explore food choices and guidelines for healthy nutrition. This class will cover a wide variety of recipes. You will be exposed to basic knowledge of kitchen equipment and food preparation techniques. Some of the recipes will be appetizers, quick breads, yeast breads, cookies, cakes and casseroles, soups and salads.

**CAREERS IN FASHION**  
**1 Semester**  
**.50 Credit**

**Prerequisite: None**  
**Fee: \$15.00**

Learn the basic techniques necessary to complete several sewing projects. Students will learn how to make pillowcases, 9-patch pillows, pajama bottoms, project with a zipper, simple quilts and messenger bags or purses. Many different decorative stitches and sewing skills are taught with step by step instruction to personalize the projects. Students are required to purchase materials and supplies of the projects, limited by a student's budget.

**APPRENTICESHIP IN DESIGN**  
**1 Semester**  
**.50 Credit**

**Prerequisite: Gr. 11/12 Careers in Fashion**  
**with a "B" or higher**  
**Fee: \$15.00**

This course is for the serious student interested in continuing with learning techniques necessary for more tailored garments, quilts and home decorative projects. Students will learn to make a complete outfit, a more complicated quilt or choose home decorative projects. Material and supplies are the student's responsibility and will be limited by their personal budget.

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**COLLEGE PREP**  
**1 Semester**  
**.50 Credit**

**Prerequisite: Gr. 11/12**

This course was designed to help upperclassmen transition from high school to college life/workplace. Study skills, decision making, time management, dating/marriage, resume writing, finance, interview skills, college applications, and cooking on a budget are just a few of the topics covered in this semester long class.

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## WORLD LANGUAGES

### OUR PHILOSOPHY

We believe that the study of world languages is essential for citizens in a global society. The world language program integrates elements of language systems and communicative functions, nurtures acceptance and appreciation of other cultures, and promotes understanding through life long learning.

The World Language Department believes that students should begin the first year of a language by the 9th grade. For the more able, it will provide the opportunity to take a longer sequence of languages to attain a greater level of proficiency and fluency. For the less able, it would provide the opportunity to retake a language if needed and still complete two years. NOTE: Many colleges are now recommending that students take at least three years of a language.

One of the criteria for the Ohio Diploma of Honors is that the student must take three years of one world language or two years each of two world languages.

**EXCHANGE STUDENTS who select to take a course in their own language may be required to do extra work.**

Medina High School offers five world languages:

FRENCH 1	GERMAN 1	LATIN 1	SPANISH 1	MANDARIN CHINESE 1
FRENCH 2	GERMAN 2	LATIN 2	SPANISH 2	
FRENCH 3	GERMAN 3	LATIN 3	SPANISH 3	
HONORS FRENCH 4	HONORS GERMAN 4	AP LATIN 4	HONORS SPANISH 4	
AP FRENCH 5	HONORS GERMAN 5		HONORS SPANISH 5	

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**FRENCH I****1 Year****1 Credit**

Students begin their language study with basic conversation, vocabulary, and grammar study. Activities are designed to develop listening, speaking, reading, and writing skills. The culture and customs of French-speaking countries are introduced.

**Fee for supplemental materials: approximately \$35.00.**

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**FRENCH II****Prerequisite: A "C" in French 1 or teacher recommendation****1 Year****1 Credit**

French II is a continuation of first year activities. Students are expected to use the target language as much as possible.

**Fee for supplemental materials: approximately \$35.00.**

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**FRENCH III****Prerequisite: A "C" in French 2 or teacher recommendation****1 Year****1 Credit**

The third year class will be conducted in the target language. Students will develop advanced listening, speaking, reading and writing skills. Students will acquire advanced grammatical constructions. Authentic literary works will be introduced.

**Dictionary required.** (Class approved dictionary may be purchased from HUB).

**Fee for supplemental materials: approximately \$15.00.**

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**HONORS FRENCH IV****Prerequisite: A "C" in French 3 or teacher recommendation****1 Year****1 Credit**

The fourth year class will be conducted entirely in French. Students will refine listening, reading, speaking and writing skills. Students will continue to develop advanced grammatical constructions. Students will read a variety of authentic materials from literary works to newspaper and magazine articles.

**Dictionary required.** (Class approved dictionary may be purchased from HUB).

**Fee for supplemental materials: approximately \$35.00.**

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**AP FRENCH V****Prerequisite: A "B" in French 4 or teacher recommendation****1 Year****1 Credit**

This course will emphasize the use of French for active communication. Course work will help the student develop the ability to understand spoken and written French in a variety of contexts including audio and video recordings, newspapers, magazines, and literary texts. Students in this course will develop the ability to express themselves with reasonable fluency and accuracy in both written and spoken French. This course will help the student develop language skills that can be used in various activities and disciplines. All class work will be conducted exclusively in French. Students are strongly urged to take the AP exam. This course follows the outlined AP curriculum published by the College Board for AP French Language.

**Fee for supplemental materials: approximately \$35.00.**

**Any student enrolled in an AP course may take the AP exam in May for which college credit can be granted with a passing score of 3-5. Fee for the examination is traditionally \$86.00 and is in addition to the regular course fee. It is recommended that all students attempt the AP exam.**

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**GERMAN I****1 Year  
1 Credit**

Students begin their language study by imitating foreign sounds. Conversations, paragraphs, and pattern drills introduce the necessary vocabulary and grammatical structures from which listening, speaking, reading, and writing skills eventually develop. The customs and culture of the target country also are introduced.

**Fee for supplementary materials: no more than \$27.00.**

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**GERMAN II****Prerequisite: A "C" in German 1 or teacher recommendation****1 Year  
1 Credit**

A continuation of the first year activities with added emphasis on reading and writing.

**Taking the National German Test is strongly recommended. Approximate fee of \$5.00 for the test.**

**Fee for supplementary materials: no more than \$15.00.**

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**GERMAN III****Prerequisite: A "C" in German 2 or teacher recommendation****1 Year  
1 Credit**

The student will use previously learned grammar and be introduced to advanced grammar. Emphasis will be on improving oral, listening, reading, and writing skills in German. The class will be supplemented by videos and CDs, and outside reading. National German Exam is strongly recommended. **Student must have the required dictionary.** (Class approved dictionary may be purchased from HUB).

**Fee for supplementary materials: no more than \$40.00.**

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**HONORS GERMAN IV****Prerequisite: A "C" in German 3 or teacher recommendation****1 Year  
1 Credit**

The student will continue polishing and refining communication skills and studying advanced grammar. Youth literature will be introduced as well. Some time will be devoted to preparation for the college entrance exams. National German Exam is strongly recommended. **Dictionary is required.** (Class approved dictionary may be purchased from HUB).

**Fee for supplementary materials: approximately \$30.00.**

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**HONORS GERMAN V****Prerequisite: A "C" in German 4 or teacher recommendation****1 Year  
1 Credit**

This course will be geared toward the enthusiastic student interested in acquiring fluency in the language. Classic and contemporary issues and literature will be covered, to refine and expand grammar and communication skills. The class will be supplemented by videos, CDs and authentic reading materials. Time will be devoted to preparation for the AP Exam and college entrance exams. **Dictionary required.** (Class approved dictionary may be purchased from HUB).

**Fee for supplementary materials approximately \$30.00.**

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**LATIN I**  
**1 Year**  
**1 Credit**

This course will acquaint the student with basic Latin grammar and give the student an insight to Roman culture and its contribution to our civilization.

**Dictionary required.** (Class approved dictionary may be purchased from HUB).

**Fee for National Latin Exam: approximately \$5.00.**

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**LATIN II**  
**1 Year**  
**1 Credit**

**Prerequisite: "C" in Latin 1 or teacher recommendation**

The student will finish the study of Latin grammar and begin reading Latin literature. The course work will be supplemented by a study of Latin culture in the area of the military, the family, and social events. **Dictionary is required.** (Class approved dictionary may be purchased from HUB).

**Fee for National Latin Exam: approximately \$5.00.**

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**LATIN III**  
**1 Year**  
**1 Credit**

**Prerequisite: "C" in Latin 2 or teacher recommendation**

Time in this class will be devoted to the reading of the classics in their original form with discussion as to the literary form and content. After completing a review of second year forms and grammar, the students will acquire the complex grammatical constructions (including all subjunctive uses and conditions). The students will read selected prose authors such as Cicero, Sallust, Cato and Varro. The students will also learn the rudiments of Latin poetry, scansion, and literary devices as they read Ovid's *Metamorphoses*. The year concludes with a brief survey of literary history from the Early Age and Golden Age of Latin Literature, followed by an exploration of Greek derivatives.

**Fee for National Latin Exam: approximately \$5.00.**

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**AP LATIN IV: Vergil**  
**1 Year**  
**1 Credit**

**Prerequisite: "B" in Latin 3 or teacher recommendation**

Time in this class will be devoted to the reading of the classics in their original form with discussion as to the literary form and content. The year begins with a grammatical review of all Latin morphology and constructions. Interspersed in this will be further study of the literary history of the Augustan Age and the Silver Age. Excerpts from the Silver Age authors, especially Pliny's *Letters* will be read and discussed. Following the first quarter review, students will read AP Latin Vergil syllabus of the *Aeneid* as well as the English of the text in its entirety. Students will also read the *Iliad* in English as well as excerpts in *Odyssey*. Students will combine their study of history with literary discussions. Students are *strongly urged* to take the AP exam. This course follows the outline published by the College Board for AP Latin.

**Fee for supplemental materials and National Latin Exam: approximately \$40.00.**

**Any student enrolled in an AP course may take the AP exam in May for which college credit can be granted with a passing score of 3-5. Fee for the examination is traditionally \$86.00 and is in addition to the regular course fee. It is recommended that all students attempt the AP exam.**

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**SPANISH I****1 Year****1 Credit**

The student will comprehend and participate in basic conversations, interpret simple reading passages, develop listening skills and express themselves in writing in Spanish. The focus of this course will be on the acquisition of vocabulary. Pronunciation will be stressed. In addition, introduction and insight to the Hispanic culture will be covered. This course is the foundation for future language study.

**Fee for supplementary materials: approximately \$35.00 for workbook and/or readers.**

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**SPANISH II****Prerequisite: A "C" in Level 1 or teacher recommendation****1 Year****1 Credit**

Using the foundation acquired in Spanish 1, the student will further develop their skills in reading, writing, listening to and speaking in Spanish. While the importance of vocabulary acquisition is still stressed, students will expand their ability to use this vocabulary within more complex grammatical structures to express themselves in Spanish. There will be continued study of the Hispanic culture and customs. Spanish II continues to prepare students for upper level language study.

**Fee for supplementary materials: approximately \$35.00 for workbook and/or readers.**

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**SPANISH III****Prerequisite: A "C" in Level 2 or teacher recommendation****1 Year****1 Credit**

In this upper level class, the Spanish student will concentrate on improving speaking, listening, reading, and writing proficiency in the language. The class will be conducted in the target language and will center on the practical use of the language. Advanced grammatical concepts and constructions will be introduced and practiced. Class work will be supplemented with cultural studies using authentic materials.

**Dictionary required.** (Class approved dictionary may be purchased from HUB).

**Fee for supplementary materials: approximately \$15.00.**

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**HONORS SPANISH IV****Prerequisite: A "C" in Level 3 or teacher recommendation****1 Year****1 Credit**

This level of Spanish will be geared toward the enthusiastic student interested in acquiring fluency in the language. Students and teachers alike will communicate in Spanish. The student will apply advanced speaking, listening, reading and writing skills to the practical use of the language within a cultural context. The class devotes time to reading a variety of selections such as short stories, poetry, and informational texts. Seniors in Spanish IV will be prepared to take college level entrance exams.

**Dictionary required.** (Class approved dictionary may be purchased from HUB).

**Fee for supplementary materials: approximately \$35.00.**

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**HONORS SPANISH V****Prerequisite: A "C" in Level 4 or teacher recommendation****1 Year****1 Credit**

This final and highest level of Spanish is intended for the student who desires to polish and refine their communication skills in reading, writing, listening and speaking. Advanced grammar concepts will be discussed in depth. Classic and contemporary Hispanic issues and literature will be covered. The class will be supplemented by videos, CDs, and authentic reading materials. Time will be devoted to preparation for the AP Exam and college entrance exams.

**Dictionary required.** (Class approved dictionary may be purchased from HUB)

**Fee for supplementary materials: approximately \$35.00.**

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**MANDARIN CHINESE 1****Prerequisite: Grade 9/10****1 Year****1 Credit**

This is the first year Medina HS is offering Mandarin Chinese. Mandarin Chinese is considered a difficult language and therefore, will only be open to students with a 3.0 g.p.a. or higher. **This course will also be open to students planning to take Spanish II or French II as a Freshman.** This course will introduce students to Chinese sounds and writing systems. The class will emphasize development of basic conversational ability as well as reading and writing in Chinese. The training will focus on distinguishing the five tones, methods of decoding vocabulary terms, and analyzing fundamental grammatical patterns. Students will be introduced to Chinese customs, holidays, and history as well. **Workbook Fee.** Open to 9th and 10th grade students.

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## HEALTH

### **HEALTH**

**1 Semester**

**.50 Credit**

**(Health Retake)**

This course deals with the following topics: Healthy Relationships, Substance Abuse, Goal Setting, Systems of the Body, Nutrition, First Aid/Safety, CPR, Stress, Sexuality, STDs and AIDS, and skills needed to be successful at Medina High School.

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## PHYSICAL EDUCATION

### **PHYSICAL EDUCATION**

**1 Semester**

**.25 Credit**

The Physical Education program is designed to encourage students to experience aspects of physical fitness, wellness and a variety of recreational and sport activities. These activities include team/ individual sports as well as aerobic and anaerobic fitness. The main focus will be on: knowledge of fitness: aerobic activities, muscular strength, and muscular endurance. All students will participate in pre and post fitness testing.

Team sports help to develop an individual's ability to work with others and to increase the student's knowledge of the sport. Examples of team sports may include but are not limited to badminton, basketball, volleyball, soccer, tennis, football, and other miscellaneous games. Aerobic and anaerobic fitness help to develop cardiovascular endurance and muscular strength. Classroom time may be used to teach and discuss important health and wellness topics.

Courses are a semester in duration and will cover the areas as outlined in the course descriptions. A semester of successful class participation earns the student one-fourth (1/4) unit of credit. Students are required to wear appropriate clothing for each class. Swimming classes require a one-piece swim suit for girls and swim trunks (no speedos) for boys. Minimum requirement for graduation is one-half (1/2) credit of physical education, or two semester courses.

**A PE 1 class must be taken before taking PE2 or Advanced Fitness.**

PE 1 may be repeated for credit if a student fails.

**PE 1** – Introduction to fitness, team and individual sports.

**PE 2** – Students will create and implement a personal fitness plan. Advanced strategies will be used in individual and team sports.

**Advanced Fitness** – Fitness, wellness, and nutrition will be discussed. Students will create and implement a personal fitness plan. This is a class designed for the students that wants to improve their overall fitness level.(Not offered in 2009-10, offered in 2010-11).

**A PE 1 class must be taken before taking PE 2 or Advanced Fitness.**

<b>PE1 (800966)</b>	<b>PE1 (800962)</b>
Fitness	Fitness
Team and Individual Sports	Team and Individual Sports
	*Bowling

**A PE 1 class must be taken before taking PE2 or Advanced Fitness.**

<b>PE2 (800972) *Not offered in 2009-10, offered in 2010-11</b>	<b>PE2 (800984)</b>
Fitness	Fitness
Team and Individual Sports	Team and Individual Sports
+Swimming	

<b>PE2 (800974)</b>
Fitness
Team and Individual Sports
*Bowling

**A PE 1 class must be taken before taking PE2 or Advanced Fitness.**

<b>Advanced Fitness (800970) *Not offered in 2009-10, offered in 2010-11</b>
Fitness
Wellness & Nutrition
Personal Fitness Plan

**+Standards for Swimming Classes (not offered in 2009-10, offered in 2010-11)  
Students must have taken PE1**

**\* Bowling Fee - \$30.00**

## INDUSTRIAL ARTS/TECHNOLOGY

The Industrial Arts/Technology courses are designed to give the student basic knowledge and skills for working with tools, materials, and processes that may apply to future life skills. These courses are open to all students and are designed to meet the needs and interests of both male and female students.

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**VIDEO PRODUCTION  
TECHNOLOGY**  
1 Credit  
1 Year

**Prerequisite: Gr. 11/12  
Parent & Teacher Permission  
Fee \$15.00**

This year long course has been designed for students with an interest in television broadcasting and electronic news gathering. The students involved in this class will be responsible for writing, directing, and producing the morning announcements presented to the students and staff of Medina High School through closed circuit television and to the global community through the web. Students will be responsible for a variety of activities including: on-air talent, production, directing, audio engineering, graphics composing, camera operating, script writing, and general research. Students should have a clear understanding that there is a large amount of after school time required for the individual videotaping assignments and homework. Selections are determined through extra curricular participation, class standing, and GPA. Students will be provided with 2 Mini DV video tapes through course fees.

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**DRAFTING, ENGINEERING I**  
1 Year  
1 Credit

**Prerequisite: None  
Fee: \$8.50**

This introductory course provides the student with the fundamentals of industrial drawing. Topics covered include lettering, geometric construction, single-view drawings, multi-view drawings, sketching, working drawings, pictorial drawings, sectioning, auxiliary views, and simple house plans. Accuracy and neatness are stressed. This course is a must for prospective engineering students, both male and female. **Students are required to provide their own drafting tools, or may purchase a drafting kit with an approximate cost of \$23.00.**

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**DRAFTING, ENGINEERING II W/ AUTOCAD**  
1 Year  
1 Credit

**Prerequisite: Drafting I  
Fee: \$8.50**

A technical course for the prospective draftsman or engineer, using traditional drafting methods along with computer aided design. Topics include threads and fasteners, surface treatment of metals, properties of metals, and manufacturing processes. **Drafting tools required.**

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**INTRODUCTION TO INDUSTRIAL TECHNOLOGY**  
1 Semester  
.50 Credit

**Prerequisite: None  
Fee: \$15.00**

Students will learn to utilize basic hand tools and machines to build an understanding of technological systems and processes. Hands-on projects will develop safe practices with shop equipment and provide a foundation for exploring career opportunities in a technological field.

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**CONSTRUCTION & PRODUCTION TECHNOLOGY****1 Semester  
.50 Credit****Prerequisite: Intro to Ind.  
Tech. or  
Instructor Permission  
Fee: \$15.00**

This course provides students exposure to site building construction practices and manufacturing-based production. Students will learn about basic home construction and develop general home improvement skills. Production technology will be explored through a student-developed production product. **(Note: Students have the option of purchasing clock movements to complete the class's mass production project at a cost of \$30).**

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**DIGITAL GRAPHIC COMMUNICATION****1 Semester  
.50 Credit****Prerequisite: None  
Fee: \$10.00**

This introductory course will focus on the study of digital photography and its uses in home and industry. Areas of concentration will involve Photography, Photoshop (photo manipulation), Freehand (illustration), Dreamweaver (web page design), Fireworks (web graphics) and PageMaker (page layout). Assigned projects will be required in each area.

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**POWER TECHNOLOGY****1 Semester  
.50 Credit****Prerequisite: None  
Fee: \$15.00**

This course will introduce the basic concepts in Energy, Power, and Transportation. Hands-on activities will focus on CO2 vehicles, model-rocket construction, and electronic circuits. Students will also design and construct a mousetrap-powered vehicle. **In addition students will be required to purchase a model rocket and engines at an approximate cost of \$15.00.**

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**WEB PAGE PRODUCTION****1 Semester  
.50 Credit****Prerequisite: Gr. 10/11/12**

This course involves many aspects of web page design. Students may also be required to work to promote, maintain, and update the Medina High school web site. Areas of concentration will involve Photography, Photoshop (photo manipulation), Freehand (illustration), Dreamweaver (web page design), Flash, and Fireworks (web graphics). Assigned projects will be required in each area.

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**LANGUAGE ARTS**

To provide instruction according to individual differences, the department has assigned a level of difficulty to each course. These levels describe the degree of challenge and skill as well as materials used in the courses; they do not describe the students electing them.

**English Dept.  
Required & Elective Course Offerings**

<b><u>8th Grade</u></b>	<b><u>9th Grade</u></b>	<b><u>10th Grade</u></b>	<b><u>11th Grade</u></b>	<b><u>12th Grade</u></b>
8th Lang Arts	Honors Freshman Lang. Arts	\$Honors Soph. Lang. Arts Soph. Lang. Arts	Honors Jr. Lang. Arts Jr. Lang. Arts	AP Lit. & Comp. AP Lang. & Comp. Advanced Composition
8th Lang Arts	Freshman Lang. Arts	\$Honors Soph. Lang. Arts Soph. Lang. Arts Fundamental Language Arts 10	Honors Jr. Lang. Arts Jr. Lang. Arts Fundamental Language Arts 11-12	Advanced Composition Fundamental Language Arts 11-12
8th Lang Arts	Fundamental Language Arts 9	Soph. Lang. Arts Fundamental Language Arts 10	Jr. Lang. Arts Fundamental Language Arts 11-12	Advanced Composition Fundamental Language Arts 11-12

**Possible Elective Course Options**

<b><u>8th Grade</u></b>	<b><u>9th Grade</u></b>	<b><u>10th Grade</u></b>	<b><u>11th Grade</u></b>	<b><u>12th Grade</u></b>
	Intro to Journalism	Intro to Journalism	Intro to Journalism	College Bound Literature
	\$Intro to Theater	\$Intro to Theater	\$Intro to Theater	Creative Writing
		\$Debate I, II,	\$Debate I, II, III, IV	\$Debate I, II, III, IV
		\$Journalism - Newspaper I	College Bound Literature	\$Journalism – Newspaper I, II, III
		\$Theater & Acting I, II	Creative Writing	Senior Literature
		\$Journalism – Yearbook I	Myth & Related Literature	\$Theater & Acting I, II, III & IV
			Senior Literature	Myth & Related Literature
			\$Journalism - Newspaper I, II	\$Journalism – Yearbook I, II, III
			\$ Theater & Acting I, II, III & IV	
			\$Journalism – Yearbook I, II	

\$Denotes financial obligation, either Pay to participate or class fee.

### Placement and Credit Notes

- 1) **No students** sign up for Fundamental English classes. Appropriate placement into those classes will be determined by English department members and/or guidance counselors. Any students who feel they may be best placed in these classes should sign up for the regular grade level course. If other placement is determined, the students will be moved from the grade level course into the alternative course better suited to their needs.
- 2) Courses identified as electives **will count** toward the four English credits needed for graduation even if those courses are taken prior to the senior year. Please note, Yearbook, Drama, and Journalism are not recognized by many colleges as English credits.
- 3) Unless otherwise indicated in the course descriptions or prerequisites, electives are available to sophomores, juniors, and seniors.
- 4) **ALL STUDENTS** must pass either Advanced Composition or AP Literature & Composition or AP Language & Composition course before being eligible for graduation from Medina High.
- 5) Make informed choices. Read all course descriptions and prerequisites completely and carefully before registering for courses. You will be held accountable for **all** information, deadlines, application procedures, and policies for every class you take.

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**CONTINUING ENGLISH 10-12**  
**Replacement credit**

**Prerequisite: Dept. placement**

This course is designed to help the student with specific areas of difficulty experienced during the previous year's language arts class. Once a student passes the required assignments, the student will be granted credit for that previous year's course. This course is taken concurrently with the student's appropriate grade level language arts course. This class is pass/fail. Students do not register for this course; they are assigned by the department chair and/or their guidance counselor.

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**FUNDAMENTAL LANGUAGE ARTS 9, 10, 11, 12**  
**1 Year**  
**1 English credit**

**Prerequisite: Dept. placement**  
**Fee: \$10.00**

These courses are designed for students in need of remedial work in reading skills as well as oral and written expression, with instruction and materials appropriate to the needs of the individual students enrolled. The typical student placed in these classes is one who has demonstrated requisite skills for the OGT but who is not yet ready for placement in the standard grade level English course. Students do not register for this course; they are assigned by the English department. Fees may apply.

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**FRESHMAN LANGUAGE ARTS**  
**1 Year**  
**1 English credit**

**Prerequisite: Gr. 9**

This course will follow the curriculum standards and indicators as outlined by the state. It will include a study of the writing process, writing applications, writing conventions, research, communication, acquisition of vocabulary, the reading process, nonfiction reading, and literary reading. Reading selections will include *Romeo and Juliet*, and may include titles such as *Great Expectations*, *Night*, *Fahrenheit 451*, *Cold Sassy Tree*, and *The Watsons Go to Birmingham*. Writing applications will include a narrative essay, an informational report, a persuasive essay, and a descriptive essay. Students will also write literary responses, business letters, and journals or reflections. Communication applications will include an informational presentation, a descriptive presentation, and a persuasive presentation.

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**HONORS FRESHMAN LANGUAGE ARTS**  
**1 Year**  
**1 English credit**

**Prerequisite: Gr. 9**  
**Teach. Recommendation**

This is a challenging course for the student who is willing to complete more course work at a more complex level. As a result, honors courses earn a weighted grade. This course will present word study and reading strategies including source evaluation. It will also explore authors' techniques during literary studies, which will include several novels, plays and short stories. Selections will include *Romeo & Juliet* and may include, *Great Expectations*, *Fahrenheit 451*, *The Odyssey*, and *Night*. Also, students will examine and use various writing processes to create several structured documents. These will include several essays: informational/research, narrative, descriptive, persuasive, and literary analyses. The course will explore writing conventions including spelling, grammar and usage. Students will deliver four speeches or oral presentations including an informational and a persuasive speech. The course includes poetry study focusing on the elements of poetry and several poets. There will be a summer reading and writing assignment due in August. Failure to complete the summer assignment will have a negative impact on the first quarter grade but will not be grounds for dropping the course.

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**SOPHOMORE LANGUAGE ARTS****Prerequisite: Gr. 10****1 Year****1 English credit**

This course will follow the curriculum standards and indicators as outlined by the state. It will include a study of the writing process, writing applications, writing conventions, research, communication, acquisition of vocabulary, the reading process, nonfiction reading, and literary reading. Reading selections may include *To Kill a Mockingbird*, *Taming of the Shrew* or *Macbeth*, and *Antigone*. Writing applications will include a narrative essay, an informational report, a persuasive essay, and a descriptive essay. Students will also write literary responses, business letters, and journals or reflections. Communication applications will include an informational presentation, a descriptive presentation, and a persuasive speech.

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**HONORS SOPHOMORE LANGUAGE ARTS****Prerequisite: Gr. 10****1 Year****1 English credit****Teach. Recommendation****Fee: \$15-20**

This is a challenging course for the student who is willing to complete more coursework at a more complex level. As a result, honors courses earn a weighted grade. Skill development in critical thinking, reading comprehension, and literary analysis will be encouraged through an intensive study of various literary works in World Literature. Students will examine writing technique through careful reading of plays, novels, short stories, non-fiction, and poetry. Selections may include *To Kill a Mockingbird*, *All Quiet on the Western Front*, *Things Fall Apart*, *The Chosen*, *The Joy Luck Club*, *Macbeth*, *Oedipus the King*, and "*The Things they Carried*". Students will also examine the use of various writing processes to create structured documents including a narrative/ descriptive/ reflective essay, literary analysis, informational essay, persuasive essay, research writing, personal response journals, and functional documents such as business letters. Students will deliver formal and informal oral presentations including an informational/ persuasive speech. In addition, the course covers spelling, vocabulary, grammar, and usage. There will be a summer reading and writing assignment due in August. Failure to complete the summer assignment will have a negative impact on the first quarter grade but will not be grounds for dropping the course. There may be a fee attached to this course.

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**JUNIOR LANGUAGE ARTS****Prerequisite: Gr. 11****1 Year****1 English credit**

In addition to meeting state curricular requirements, this course surveys principal writers and works in American literature from colonial times to the present. In addition, students will continue to improve their writing, speaking, listening, and visual literacy skills. Students will read representative American literature including but not limited to *The Adventures of Huckleberry Finn*, *The Great Gatsby*, *Of Mice and Men*, *Our Town*, *The Crucible*. Additional texts may include, *Give a Boy a Gun*, *Tuesdays with Morrie*, *The Five People You Meet in Heaven*, *A Raisin in the Sun*, *Death of a Salesman*, *The Scarlet Letter*, and *Farewell to Manzanar*.

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**HONORS JUNIOR LANGUAGE ARTS****1 Year****1 English credit****Prerequisite: Gr. 11****Teach. Recommendation**

Students who sign up for this class are expected to possess an advanced writing aptitude, excellent time-management skills and a willingness to regularly use both. This rigorous course will present the student with a challenging range of American literary genres and styles. Students will have numerous opportunities to write analytical, expository, and persuasive essays as well as a research paper. Students will be expected to read quickly and independently for comprehension. Analysis will come through class interaction. We move forward thoughtfully but rapidly. There will be a required summer reading assignment, which will be incorporated into the first quarter assignments and grade. Failure to complete the summer work will not be grounds for transferring to a different class. Included in the summer reading assignment is an objective comprehension test over a text identified on the summer reading assignment sheet (available in May). This test will take place within the first several days of school and before class discussion of the text. Required texts may include, but are not limited to, *The Grapes of Wrath*, *The Great Gatsby*, *The Adventures of Huckleberry Finn*, *Of Mice and Men*, *Our Town*, *Catcher in the Rye*, *The Crucible*, *Ethan Fromm*, *The Sun Also Rises*, and *Long Day's Journey into Night*.

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**AP LITERATURE & COMPOSITION****1 Year****1 English credit****Prerequisite: Gr. 12****Teach. Recommendation**

For the able and ambitious student in the senior year, this college-level course in literature and writing emphasizes participation in daily, seminar-structured discussions. All students enrolled may take the Advanced Placement Literature and Composition Examination in May for which college credit may be granted. Students should expect to purchase or borrow books for independent reading throughout the school year, including summer. Readings for this class will include but not be limited to *Hamlet*, *King Lear*, *Othello*, *Invisible Man*, *Frankenstein*, *The Importance of Being Earnest*, and *A Doll's House*. There may be a fee for this course if the class participates in the Great Lakes Shakespeare Residency. There will be a summer reading and writing assignment due in August. Failure to complete the summer assignment will have a negative impact on the first quarter grade but will not be grounds for dropping the course. This course follows the outline published by the College Board for AP Literature and Composition.

**Any student enrolled in an AP course may take the AP exam in May for which college credit can be granted with a passing score of 3-5. Fee for the examination is traditionally \$86.00 and is in addition to the regular course fee. It is recommended that all students attempt the AP exam.**

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**AP ENGLISH LANGUAGE & COMPOSITION****Prerequisite: Gr. 12****1 Year****1 English credit**

Students considering this course should arrive with strong academic writing skills and the energy and drive to put those skills to work. This college-level course will emphasize the expository, analytical, and argumentative writing that forms the basis of academic and professional communication. This is not a creative writing class, and the reading is predominantly short nonfiction rather than fiction. Although much of the reading material will be in the form of brief essays and will be provided in class, students should expect to borrow or purchase one or two supplemental texts along the way. Because of their nature, most options for the supplemental reading will also be available for free online. There will be a summer reading assignment due within the first week of school. Failure to complete the summer assignment will not be grounds for dropping the class. Details regarding the summer assignment will be distributed in May.

**Any student enrolled in an AP course may take the AP exam in May for which college credit can be granted with a passing score of 3-5. Fee for the examination is traditionally \$86.00 and is in addition to the regular course fee. It is recommended that all students attempt the AP exam.**

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**ADVANCED COMPOSITION****Prerequisite: Gr. 12****1 Semester****.50 English credit**

This course requires the student to hone grammar, usage, mechanics, vocabulary, speech, research and composition skills necessary for college and career. The student will compose up to 12 compositions utilizing narrative, descriptive, persuasive, and/or expository elements culminating in a 10-15 page major research project. Since the course will emphasize revision and rewriting, self and peer evaluation as well as individual student/teacher conferences may be employed before the final stages of publication. Several of the compositions can be used for college application essays and/or scholarship essays. An additional ½ credit English elective must be completed during your high school career. **In order to graduate, students must pass Advanced Composition or AP Literature & Composition, during the students' senior year.**

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**COLLEGE BOUND LITERATURE****Prerequisite: Gr. 11/12****1 Semester****.50 English credit**

Designed to encourage the reading and enjoyment of classical poetry, fiction, and non-fiction, this course will focus on a blend of British literature and student-selected longer texts. This course is an appropriate choice for students desiring excellent college preparation.

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**SENIOR LITERATURE****Prerequisite: Gr. 11/12****1 Semester****.50 English credit**

As an alternative to College Bound Literature, this course is designed to encourage life-long reading for pleasure and will make allowances for varied reading levels and interests. Students will select their own books from a wide variety of texts. There is a non-fiction element to the course. Some available (not required) material may be controversial.

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**CREATIVE WRITING**  
**1 Semester**  
**.50 English credit**

**Prerequisite: Gr. 11/12**  
**Teach. Recommendation**

Be it science-fiction, fantasy, mystery, comedy, romance, or horror, this peer-centered writing course offers students the opportunity to explore their personal writing interests in a supportive atmosphere. In this workshop students will draft, revise, edit, and publish essays, short stories, scripts, lyrics and poetry. In addition to writing daily, participants will read contemporary and classic literary works for their thematic, technical, and artistic values. Students will use word processing and publishing software to prepare their writings for submission to school, local, regional, and national publications.

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**DEBATE I, II, III, IV**  
**1 semester**  
**.50 English credit**

**Prerequisite: Gr. 10/11/12**  
**Fee: \$10-20**

This challenging semester course is designed to prepare students for competition in two different debate formats: Public Forum and Lincoln-Douglas. The skills developed in this course will be very useful in the areas of law, politics, public policy, marketing, sales, communications, and life in general. You may know how to argue; come learn how to do it well. Within the past six years, our team has been to six consecutive state championship tournaments and two national championship tournaments. Now is your chance to join the fun and success. Some fees may apply, including but not limited to the school's "pay-to-participate" fee for those who wish to compete on the team. This course may be repeated for English credit.

\*20.00 **Co-curricular** Pay to Participate fee applies and will be posted to your financial obligation. This fee is waived/reduced upon receipt of current Free/Reduced Lunch Verification Letter.

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**MYTHOLOGY & RELATED LITERATURE**  
**1 Semester**  
**.50 English credit**

**Prerequisite: Gr. 11/12**

This course is a study of well-known Greek myths and the primary sources from which they originate. Poets which will be studied in this class include Homer, Ovid, Euripides and Aristophanes. Students of literature, art history, and theater will benefit from this course.

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**INTRODUCTION TO JOURNALISM****Prerequisite: Gr. 9/10/11****1 Year****1 English credit**

This course prepares a student for placement onto Journalism Staff or Yearbook Staff. The students will learn journalistic writing, ethics and law, newspaper layout and yearbook production.

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**JOURNALISM - NEWSPAPER I, II, III****Prerequisite: Intro to Journalism****1 Year****1 English credit**

As a member of the journalism staff, students will produce the Medinamite. Students should be aware that this takes time outside of class to attend the various events and activities throughout the year. Additional time outside of class is often needed to complete the production aspect of the newspaper. Students will be required to sell ads.

\*20.00 **Co-curricular** Pay to Participate fee applies and will be posted to your financial obligation. This fee is waived/reduced upon receipt of current Free/Reduced Lunch Verification Letter.

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**JOURNALISM – YEARBOOK I, II, III****Prerequisite: Intro to Journalism****1 Year****1 English credit**

As a member of Yearbook staff, your job will be to produce MHS's yearbook, the Medinian. Students will find themselves doing a variety of tasks such as interviewing students, writing, designing pages, and working on the computer on layout. Deadlines are important to yearbook, and students often find themselves working under the pressure of deadlines. In addition, all yearbook members are required to sell ads during the first quarter of the year. Ads sales are part of the first quarter grade.

\*20.00 **Co-curricular** Pay to Participate fee applies and will be posted to your financial obligation. This fee is waived/reduced upon receipt of current Free/Reduced Lunch Verification Letter.

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**INTRODUCTION TO THEATER****1 Semester****.50 English credit****Prerequisite: None****Fee: \$20**

Students will explore all aspects of theater against the backdrop of our performing arts center. Classes will be held in the Black Box Theater, which is a room with the same dimensions as the main stage. Activities for this class include viewing and critiquing plays, and analyzing and practicing aspects of acting, stage managing, and technical work. The culminating project will be the performance of a one-act play for an audience. Students taking this course are required to attend the other theatrical performances at the high school. Students may attend for free if they choose to usher. Students who choose not to usher must pay the regular student admission fees for the performances. **This is a performance based course. You will be required to perform alone and with a partner in front of the class. If you are not comfortable acting in front of others, this class is not for you.**

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**THEATER & ACTING I, II, III & IV****1 Semester****.50 English credit****Prerequisite: Intro. To Theater or  
Teach. Recommendation****Fee: \$20**

Students will study classical theatre up through the renaissance. Specifically, we will study the history of theatre as well as 1 play which is representative of the time period for each of the following periods: the Greeks, the Romans, Medieval Theatre, the Renaissance, and French Neoclassical Theatre. Works such as Aristotle's Poetics; Sophocles Oedipus/Antigone/Electra; Seneca's The Trojan Women; medieval morality plays like Everyman and The Second Shepard's Play; Shakespeare's comedy (Much Ado About Nothing) and tragedy (Othello or King Lear); and finally Moliere's Tratuffe or The Learned Ladies. The class would also incorporate acting in the form of scene work, monologues, and culminate in a presentation of dramatic mastery of each of the genres studied during the semester.

Students who continue with Theatre & Acting will begin by studying the playwrights and theatrical conventions of Restoration Drama (She Stoops to Conquer), move to the Rise of Realism in theatre—Ibsen/Strinberg, Bernard Shaw, and Russian Realism with Chekov. Finally, we will look at modern and contemporary American theatre by studying playwrights like August Wilson, Eugene O'Neill, Lillian Hellman, and Wendy Wasserstein. This class would also incorporate acting through scene work, monologue work, and culminate in the dramatic mastery of each genre studied. **This is a performance based course. You will be required to perform alone and with a partner in front of the class. If you are not comfortable acting in front of others, this class is not for you.**

## MATHEMATICS

**Your current math teacher must recommend your placement in any math course.**

Prerequisite (defined): If a grade in a course is called a prerequisite for another course, that grade must be achieved in each semester average before the second course can be taken.

**All Mathematics Courses are 1 year courses and are 1 credit.**

### Technology needed:

Scientific calculators (TI 30 or TI 34 recommended) are required for Integrated Math I and II, Algebra I, Geometry, and Honors Geometry. The school does not provide scientific calculators.

Graphing calculators (TI 84 recommended) (\$100) are required for Algebra II with Trigonometry, Integrated Math III and IV, Pre-Calculus, Honors Pre-Calculus, Calculus, AP Math I and AP Math II. The school does not provide the graphing calculators.

Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
8 <sup>th</sup> Grade Math	Integrated Math I	Integrated Math II	Integrated Math III	Integrated Math IV
Algebra I	Algebra I	Geometry	Algebra II with Trigonometry	Applied Math *
Honors Freshman Geometry	Honors Freshman Geometry	Honors Algebra II	Pre-Calculus	Pre-Calculus
	Honors Algebra II	Honors Pre-Calculus	Honors Pre-Calculus	Calculus
			AP Math I	AP Math I
			Calculus	AP Math II

\* Applied Math – possible course implementation 2010 – 2011 school year

### **INTEGRATED MATH I**

**Prerequisite: Recommendation of 8<sup>th</sup> grade math teacher**

This course will cover the topics of numbers and variables; data analysis; counting and probability; rectangular coordinates; linear functions; equations and inequalities; systems of linear equations and inequalities and functions. This course is not designed to meet the mathematics requirements of the college bound student. **Students will need a scientific calculator.**

### **ALGEBRA I**

**Prerequisite: Recommendation of 8<sup>th</sup> grade math teacher**

The focus of this course is the development of algebraic understanding, reasoning and skills using mathematical language. The student will transition from generalized arithmetic to algebra. Topics covered include numbers and variables; data analysis; counting and probability; rectangular coordinates; linear functions; equations and inequalities; systems of linear equations and inequalities; functions; quadratic polynomials and equations; and polynomial and exponential functions. **Students will need a scientific calculator.**

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**INTEGRATED MATH II****Prerequisite: Passed Integrated Math I**

This course begins with algebra topics not covered in Integrated Math I. These algebra topics include polynomials and exponential functions and quadratic polynomials and equations. The geometry components of this course include reasoning and proof; lines, circles and triangles; similar triangles, proportions; trigonometry; perimeters, areas and volumes. The course will include a review of skills and standards needed for the OGT. **Students will need a scientific calculator.**

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**GEOMETRY****Prerequisite: Grade of "C" in Algebra I and recommendation of Algebra I teacher**

The focus of this course is the development of logic and reasoning, along with basic ways to think geometrically. The emphasis is two-fold: formal reasoning and the applications of geometry. The course includes the study of parallel and perpendicular lines; congruence of triangles; and lines in both plane and space. The logical structure of geometry is enhanced by the study of circles; coordinate geometry; slopes of lines; areas, and volumes of solid figures; transformations; similar triangles and proportions; trigonometry involving right triangles. Geometric constructions are woven throughout the course. **Students will need a scientific calculator. Students will also need a compass and ruler.**

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**FRESHMAN HONORS GEOMETRY****Prerequisite: Grade of "B" in Algebra I and recommendation of 8<sup>th</sup> grade math teacher**

A logical system of related truths is developed from axioms and postulates to theorems and corollaries. The course includes all of the topics covered in Geometry with more emphasis in trigonometry and proofs. However, the topics are covered in much greater detail, with more emphasis on proofs. **Students will need a scientific calculator. Students will also need a compass and ruler.**

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**INTEGRATED MATH III****Prerequisite: Passed Integrated Math II**

**Students who do not meet the prerequisite for Algebra II/Trig may take this course.**

This course continues with geometry topics not covered in Integrated Math II. These topics include coordinate geometry and transformations. The course then covers algebra topics such as polynomial equations; rational and radical equations and inequalities; exponential and logarithmic functions; and solving systems of linear equations without the use of matrices. **A graphing calculator is required. (TI-84 recommended)**

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**ALGEBRA II/TRIGONOMETRY****Prerequisite: Grade of B in Algebra I and recommendation of Geometry teacher**

This course includes mathematics essential for the workplace and future education, and exposes students to a wide variety of rich mathematics. Students are expected to have a working knowledge of key topics from Algebra I and Geometry. The laws of algebra are extended to include polynomial equations; rational and radical equations and inequalities; functions; statistical analysis; exponential and logarithmic functions. The study of trigonometry includes a review of right triangles and trigonometry, Law of Sines, Law of Cosines, solving trigonometric equations; and trigonometric functions. **A graphing calculator is required. (TI-84 recommended)**

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**HONORS ALGEBRA II**

**Prerequisite: Grade of "B" in Freshman Honors Geometry and recommendation of Freshman Honors Geometry teacher**

This course includes mathematics essential future education, and exposes students to a wide variety of mathematics. Students are expected to have a working knowledge of key topics from Algebra I and Honors Geometry. The laws of algebra are extended to include polynomial equations; rational and radical equations and inequalities; functions; statistical analysis; exponential and logarithmic functions. The study of trigonometry includes a review of right triangles and trigonometry, Law of Sines, Law of Cosines, solving trigonometric equations; and trigonometric functions. **A graphing calculator is required. (TI-84 recommended). Students are expected to complete a review of Algebra I topics during the summer.**

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**INTEGRATED MATH IV**

**Prerequisite: Passed Integrated Math III**

This course is designed for students who have completed Integrated Math III and want to continue to strengthen their math skills in preparation for college. This course will introduce algebra topics not covered in the previous course. These topics include functions; statistical analysis; systems of equations with matrices; mathematical induction; sequences and series. The study of trigonometry includes a review of right triangles and trigonometry, Law of Sines, Law of Cosines, solving trigonometric equations; and trigonometric functions. **A graphing calculator is required. (TI-84 recommended)**

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**PRE-CALCULUS**

**Prerequisite: Grade of "C" in Algebra II/Trig and recommendation of Algebra II/Trigonometry teacher**

This course will focus on formal proofs by induction with applications, modeling bivariate data and aspects of geometry. Topics to be covered include mathematical induction; sequences and series; analyzing bivariate data; using regression curves to fit data; standard functions; polar coordinates; complex numbers; conic sections; systems of equations and matrices; and vectors. **A graphing calculator is required. (TI-84 recommended)**

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**HONORS PRE-CALCULUS**

**Prerequisite: Grade of "B" in Honors Algebra II and recommendation of Honors Algebra II teacher**

As the third course in the honors mathematics program, this course prepares the student to enter a standard course in Calculus. The extension of algebraic principles includes conics, polar coordinates, parametric representation of curves and surfaces, determinants, mathematical induction, trigonometry, an intuitive approach to limits and continuity, elementary functions, elementary graph theory, probability and statistics. An introduction to the Calculus will also be included. **A graphing calculator is required. (TI-84 recommended)**

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**CALCULUS**

**Prerequisite: Grade of "C" in Pre-Calculus or Honors Pre-Calculus and recommendation of current math teacher**

This course is offered to the student who wishes to enroll in a fourth year of math, but does not want the rigor of the AP Math course. The topics covered will include the study of derivatives of a function, rates, and differentials, indefinite integrals, definite integrals, maxima, minima, exponential functions and trigonometric functions. The student may opt to take the AP Math I test, for which there is a fee. **A graphing calculator is required. (TI-84 recommended)**

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**AP MATH I**

**Prerequisite: Grade of “C” in Honors Pre-Calculus  
and recommendation of the Honors Pre-Calculus teacher**

(Analytic Geometry and Calculus, the AB course)

This course follows the outline published by the College Board for AP Math. Mathematics topics include the study of derivatives of a function, rates, and differentials; indefinite integrals; definite integrals; maxima and minima; exponential functions and trigonometric functions. There is a special emphasis on rigorous proof and application to real problematic situations. A standardized examination that may be taken upon completion of the course work is recommended. Current fee is \$86.00 for each examination taken. **A graphing calculator is required. (TI-84 recommended)**

Any student enrolled in an AP course may take the AP exam in May for which college credit can be granted with a passing score of 3-5. Fee for the examination is traditionally \$86.00 and is in addition to the regular course fee. It is recommended that all students attempt the AP exam.

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**AP MATH II**

**Prerequisite: Recommendation of the AP Math I teacher**

(Analytic Geometry and Calculus, the BC course)

Calculus BC is a year course in calculus, considerably more extensive than Calculus AB. Additional topics are vectors, polar coordinates, extensive methods of integration, improper integrals, sequences and series (especially Taylor Series), and elementary differential equations. A standardized examination (BC) taken upon completion of the course work is recommended. Current fee: \$86.00 for each examination taken. This course follows the outline published by the College Board for AP Math. **A graphing calculator is required. (TI-84 recommended)**

Any student enrolled in an AP course may take the AP exam in May for which college credit can be granted with a passing score of 3-5. Fee for the examination is traditionally \$86.00 and is in addition to the regular course fee. It is recommended that all students attempt the AP exam.

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## MUSIC

The Music Department offerings are comprised of performing groups in the areas of voice, strings, wind and percussion instruments. Participation in all music groups is for the **entire school year**. Concerts and public performances are required. Most music performances are paid admission.

### Music Fees

Instrumental music fees are to be paid to parent groups as listed in each course description. Vocal music fees will be invoiced along with other fees listed in this registration guide.

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## **MUSIC THEORY**

**1 Year**

**1 Credit**

Music Theory is a full year course taught by the music faculty. It is the study of the components of music, analysis, sight singing, dictation and composition.

**Prerequisite:** Students must have a strong working knowledge of treble or bass clef.

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## **INSTRUMENTAL MUSIC – BAND**

### Music Fees

Instrumental music fees are to be paid to parent groups as listed in each course description. Vocal music fees will be invoiced along with other fees listed in this registration guide.

Students wishing to participate in band must register for a combination of Marching/Concert Band, Marching/Concert Winds, Marching/Symphony Band or Concert band only. **ALL BANDS ARE FULL YEAR COURSES, REGARDLESS OF COMBINATIONS.** Students are required to participate in Concert Band, Concert Winds or Symphony Band to be eligible to participate in Marching Band.

Auxiliary members, Beeliners and Stingers are the only students permitted to sign up for Marching Band (803922). All Beeliners and Stingers participating in concert season should also register for Concert Band, Concert Winds or Symphony Band, with no marching. (803924, 803926 or 803928).

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## COURSE DESCRIPTIONS

### Marching Band/Concert Band/Concert Winds/Symphony Band/Sr. Symphony Band

#### Required Fees:

\$50.00	<b>Co-Curricular</b> Pay to Participate fee applies and will be posted to your financial obligation. This fee is waived/reduced upon receipt of current Free/Reduced Lunch Verification Letter.
\$100.00	Payable to Medina Band Parents for uniform rental and dry cleaning.
\$24.00-\$35.00	Payable to Medina Band Parents to purchase bow tie, cummerbund and white tuxedo shirt.
\$32.00	Payable to Medina Band Parents to purchase black marching band shoes.

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#### **MARCHING BAND/ CONCERT BAND 1 Year 1 Credit**

The Marching Band is organized three weeks prior to the start of the school year and continues through the first nine weeks of school. This group rehearses daily during the school day in addition to Tuesdays and Thursdays after school from 2:30-5p.m. The Marching Band performs at all football games, band competitions, school and community parades, and band shows.

The Concert Band meets daily beginning the second nine-week grading period. A student must audition for placement during the month of October. This group is open to wind and percussion players in grades 9-12. Band literature is chosen from various periods of music history. The literature is appropriate to the instrumentation and developmental level of the membership. Sectionals for this group are held after school. There are several performances and adjudicated events throughout the year which students are REQUIRED to attend.

All boys are required to provide their own black dress shoes and all girls are required to purchase character shoes from the band parents association at a cost of \$28/pair.

**Refer to the above for applicable fees.**

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#### **MARCHING BAND/ CONCERT WINDS 1 Year 1 Credit**

The Marching Band is organized three weeks prior to the start of the school year and continues through the first nine weeks of school. This group rehearses daily during the school day and Tuesdays and Thursdays after school from 2:30-5p.m. The Marching Band performs at all football games, band competitions, school and community parades, and band shows.

The Concert Winds meet daily beginning the second nine-week grading period. A student must audition for placement during the month of October. This group is open to wind and percussion players in grades 9-12. Band literature is chosen from various periods of music history. The literature is appropriate to instrumentation and developmental level of the membership. Sectionals for this group are held after school. There are several performances and adjudicated events throughout the year which students are REQUIRED to attend. Rehearsal and performance schedules are assigned.

All boys are required to provide their own black dress shoes and all girls are required to purchase character shoes from the band parents association at a cost of \$28/pair.

**Refer to the above for applicable fees.**

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**MARCHING BAND/  
SYMPHONY BAND**  
**1 Year**  
**1 Credit**

The Marching Band is organized three weeks prior to the start of the school year and continues through the first nine weeks of school. This group rehearses daily during the school day and Tuesdays and Thursdays after school from 2:30-5p.m. The Marching Band performs at all football games, band competitions, school and community parades, and band shows.

The Symphony Band meets daily beginning the second nine-week grading period. A student must audition for placement during the month of October. This group is open to wind and percussion players in grades 9-12. Band literature is chosen from various periods of music history. The literature is appropriate to the instrumentation and developmental level of the membership. Sectionals for this group are held after school. There are several performances and adjudicated events throughout the year which students are REQUIRED to attend.

All boys are required to provide their own black dress shoes and all girls are required to purchase character shoes from the band parents association at a cost of \$28/pair.

**Refer to the above for applicable fees.**

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**CONCERT BAND/CONCERT WINDS  
SYMPHONY BAND**  
**1 year**  
**.75 Credit**

These performing groups meet daily beginning the second nine-week grading period. They are open to the wind and percussion players in grades 9-12. A student must audition for placement during the month of October. Band literature is chosen from various periods of music history. The literature is appropriate to the instrumentation and developmental level of the membership. Sectionals for this group are held after school. There are several performances and adjudicated events throughout the year which students are REQUIRED to attend. Seniors will receive honors credit.

All boys are required to provide their own black dress shoes and all girls are required to purchase character shoes from the band parents association at a cost of \$28/pair.

**Refer to the above for applicable fees.**

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## AUXILIARIES

### Beeliners/Stingers

- \$50.00      **Co-Curricular** Pay to Participate fee applies and will be posted to your financial obligation. This fee is waived/reduced upon receipt of current Free/Reduced Lunch Verification Letter.
- \$200-\$300      Estimated cost for summer camp, uniforms, dry-cleaning, footwear, hooded sweatshirts, etc.

### **BEELINERS/STINGERS**

**9 Weeks**

**.25 Credit**

These groups are open to students in grades 9-12 who are selected through auditions each spring. The auxiliaries have mandatory rehearsals one evening each week during the summer months from 6-9 p.m. All members are required to attend August band camp three weeks prior to school. During the first nine weeks, rehearsals are held daily during the school day and on Tuesday, Wednesday, and Thursdays **after school or in the evening**. These groups perform at all football games, band competitions, school and community parades, and band shows. The Beeliners will also perform at the P.C. Dance Festival and selected home basketball games.

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## INSTRUMENTAL MUSIC – BAND NON-CREDIT MUSIC OPPORTUNITIES

### **Required Fees:**

- \$100.00      **Extra-Curricular** Pay to Participate fee applies. Students may not participate until this fee is paid. This fee is waived/reduced upon receipt of current Free/Reduced Lunch Verification Letter.
- \$12.00-\$20.00      Payable to Medina Band Parents for white tuxedo shirt. All students are required to provide their own black tuxedo pants and black shoes and socks.

### **JAZZ ENSEMBLE**

**No Credit**

This organization is open to students in grades 9-12 who are concurrently participating in the band program. (Exceptions are made for piano and electric bass players.) It provides a culminating instrumental experience through the music of the Jazz idiom. Membership in this group is determined by audition. Rehearsal and performance schedules are assigned.

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### **Required Fees:**

- \$100.00      **Extra-Curricular** Pay to Participate fee applies. Students may not participate until this fee is paid. This fee is waived/reduced upon receipt of current Free/Reduced Lunch Verification Letter.
- \$12.00-\$20.00      Payable to Medina Band Parents for white tuxedo shirt. All students are required to provide their own black tuxedo pants and black shoes and socks.

### **STARDUSTERS**

**No Credit**

This organization is open to students in grades 9-12 who are concurrently participating in the band program. (Exceptions are made for piano and electric bass players.) It provides a culminating instrumental experience through the music of the Jazz idiom. Membership in this group is determined by audition. Rehearsal and performance schedules are assigned.

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## VOCAL MUSIC – CHOIR

### Required Fees:

\$50.00	<b>Co-Curricular</b> Pay to Participate fee applies and will be posted to your financial obligation. This fee is waived/reduced upon receipt of current Free/Reduced Lunch Verification Letter.
\$8.00	Robe rental/dry cleaning fee.
\$30.00	Payable to Medina Choir Fund for Black Character Shoes.
\$5.00-50.00	Showtime fees (costumes)

### **FRESHMAN CHORUS (Females)**

**1 Year**  
**1 Credit**

### **FRESHMAN CHORUS (Males)**

**1 Year**  
**1 Credit**

The Freshman Chorus is a mixed choir that meets daily. Freshman Chorus is for students who enjoy singing and working within the structure of a large performing group. This organization will study a wide variety of vocal music covering many different styles and historical periods, including musical theatre and pop literature. The year culminates with the SHOWTIME production. Basic vocal technique and musicianship will be stressed in rehearsals. This chorus is the building block for the other six vocal music groups at Medina High School. **Students MUST sing for the high school choir director in order to be placed in this group.**

Students are REQUIRED to attend all concerts, which includes Showtime which is over Memorial Day weekend in May, and adjudicated events to complete the requirements of this course. Rehearsal and performance schedules are assigned.

**FEES: All Students will be required to pay a robe rental/dry-cleaning fee of \$8.00 at the beginning of the school year.**

Women: **BLACK CHARACTER SHOES ARE REQUIRED.** Character shoes may be purchased from the choir department for approximately \$30. Neutral colored pantyhose are also required.

Men: Black dress pants, black socks, black dress shoes, a white dress shirt, and a tie are required.

All Students are required to provide their own uniforms for Showtime (spring show) production numbers. **Fees can range anywhere between \$5 - \$50.**

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**Required Fees:**

\$50.00	<b>Co-Curricular</b> Pay to Participate fee applies and will be posted to your financial obligation. This fee is waived/reduced upon receipt of current Free/Reduced Lunch Verification Letter.
\$8.00	Robe rental/drycleaning fee.
\$30.00	Payable to Medina Choir Fund for Black Character Shoes.
\$5.00-50.00	Showtime fees (costumes)

**CHORALE (Females)****1 Year****1 Credit****CHORALE (Males)****1 Year****1 Credit**

The Chorale is a mixed choir that meets daily. This choir is open to any student in grades 10, 11 or 12 with the permission of the high school directors. In Chorale the students will continue to study vocal technique, and basic musicianship. A wide variety of choral music will be studied throughout the school year.

Students are **REQUIRED** to attend all concerts, which includes Showtime which is over Memorial Day weekend in May, and adjudicated events to complete the requirements of this course. Rehearsal and performance schedules are assigned.

**FEES: All Students will be required to pay a robe rental/dry-cleaning fee of \$8.00 at the beginning of the school year.**

Women: **BLACK CHARACTER SHOES ARE REQUIRED.** Character shoes may be purchased from the choir department for approximately \$30. Neutral colored pantyhose are also required.

Men: Black dress pants, black socks, black dress shoes, a white dress shirt, and a tie are required.

All Students are required to provide their own uniforms for Showtime (spring show) production numbers. **Fees can range anywhere between \$5 - \$50.**

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**Required Fees:**

\$50.00	<b>Co-Curricular</b> Pay to Participate fee applies and will be posted to your financial obligation. This fee is waived/reduced upon receipt of current Free/Reduced Lunch Verification Letter.
\$8.00	Robe rental/drycleaning fee.
\$30.00	Payable to Medina Choir Fund for Black Character Shoes.
\$5.00-50.00	Showtime fees (costumes)

**TREBLE CHORUS****1 Year****1 Credit**

The Treble Chorus is a soprano/alto choir that meets daily. This choir is open to women in grades 10, 11, and 12. Students will continue to study vocal technique and basic musicianship. A wide variety of choral music will be studied throughout the school year. **Students must have the recommendation of the high school choir director in order to be placed in this group.**

Students are REQUIRED to attend all concerts, which includes Showtime which is over Memorial Day weekend in May, and adjudicated events to complete the requirements of this course. Rehearsal and performance schedules are assigned.

**FEES: All Students will be required to pay a robe rental/dry-cleaning fee of \$8.00 at the beginning of the school year. BLACK CHARACTER SHOES ARE REQUIRED. Character shoes may be purchased from the choir department for approximately \$30 a pair.**

**Students** are required to provide their own uniforms for Showtime (spring show) production numbers. **Fees can range anywhere between \$5 - \$50.**

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**Required Fees:**

\$50.00	<b>Co-Curricular</b> Pay to Participate fee applies and will be posted to your financial obligation. This fee is waived/reduced upon receipt of current Free/Reduced Lunch Verification Letter.
\$80.00	Dresses purchased from the choir department.
\$30.00	Payable to Medina Choir Fund for Black Character Shoes.
\$8.00	Tuxedo jacket dry cleaning fee.
\$5.00-50.00	Showtime fees (costumes)

**CONCERT CHOIR (Females)****1 Year****1 Credit****CONCERT CHOIR (Males)****1 Year****1 Credit**

The Concert Choir is a mixed choir that meets daily. This choir is open to students in grades 10, 11 and 12 BY AUDITION ONLY. Participation in Concert Choir is for the advanced musician who has previous vocal or instrumental experience. Students will study advanced vocal techniques and will be expected to perform a wide variety of vocal literature. Seniors will receive honors credit.

Students are REQUIRED to attend all concerts, which includes Showtime in May, over Memorial Day weekend, rehearsals, and adjudicated events to complete the requirements of this course. Rehearsal and performance schedules are assigned.

**FEES: Women: BLACK CHARACTER SHOES ARE REQUIRED.** Character shoes may be purchased from the choir department for approximately \$30 a pair. Black concert dresses are required. Dresses will be purchased through the choir department for approximately \$80 each.

**Men:** A white tuxedo shirt, black tuxedo bow tie, black cummerbund, black tuxedo pants, black socks, and black dress shoes are required to be purchased on your own. Tuxedo jacket dry cleaning fee is \$8.

**All Students** are required to provide their own uniforms for Showtime (spring show) production numbers. **Fees can range anywhere between \$5 - \$50.**

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**Required Fees:**

\$50.00	<b>Co-Curricular</b> Pay to Participate fee applies and will be posted to your financial obligation. This fee is waived/reduced upon receipt of current Free/Reduced Lunch Verification Letter.
\$80.00	Dresses purchased from the choir department.
\$30.00	Payable to Medina Choir Fund for Black Character Shoes.
\$5.00-50.00	Showtime fees (costumes)

**WOMEN'S CHORUS**

**1 Year**

**1 Credit**

The Women's Chorus is a soprano/alto choir that meets daily. Membership in Women's Chorus is open to any soprano or alto in grades 10, 11 or 12 BY AUDITION. Women who are members of the Concert Choir do not need to audition for this group, and may participate in both Women's Chorus and Concert Choir.

Although all styles of choral music will be sung by the Women's Chorus, an emphasis is placed on some of the finest acapella literature written for this type of ensemble. Singers will study advanced techniques and improve upon musicianship.

Students are REQUIRED to attend all concerts, including Showtime which is over Memorial Day weekend in May, and adjudicated events to complete the requirements of this course. Rehearsal and performance schedules are assigned.

**FEES: BLACK CHARACTER SHOES ARE REQUIRED.** Character shoes may be purchased from the choir department for approximately \$30. Black concert dresses are required. Dresses will be purchased through the choir department for approximately \$80 each.

**All Students** are required to provide their own uniforms for Showtime (spring show) production numbers. **Fees can range anywhere between \$5 - \$50.**

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**VOCAL MUSIC**  
**NON-CREDIT MUSIC OPPORTUNITIES**

**MEN'S CHORUS (Early Bird)**

**Required Fees:**

\$100.00	<b>Extra-Curricular</b> Pay to Participate fee applies. Students may not participate until this fee is paid. This fee is waived/reduced upon receipt of current Free/Reduced Lunch Verification Letter.
\$8.00	Blazer drycleaning fee
\$5.00-50.00	Showtime fees (costumes)

The Men's Chorus is a "non-auditioned" group, grades 9-12, which is open to all tenor and bass singers in any of the choirs. Instrumentalists who may not have an opportunity to schedule another choir are welcome. The Men's Chorus will perform at all scheduled concerts, including Showtime which is over Memorial Day weekend in May, adjudicated events, and may perform for civic and community groups. Sectionals and extra rehearsals are at the discretion of the director. All rehearsal and performance schedules are assigned.

FEES: There is a REQUIRED blazer dry-cleaning fee of \$8 at the beginning of the school year. All students are required to provide their own khaki pants, black socks, black dress shoes, and a long-sleeved dress shirt.

**Students are required to provide their own uniforms for Showtime (spring show) production numbers.**

### **ENCORE ENTERTAINMENT COMPANY**

#### **Required Fees:**

- \$100.00      **Extra-Curricular** Pay to Participate fee applies. Students may not participate until this fee is paid. This fee is waived/reduced upon receipt of current Free/Reduced Lunch Verification Letter.
- \$5.00-50.00      Showtime fees (costumes)

This group is a small vocal ensemble selected from the Women's Chorus and Concert Choir BY AUDITION. This is an entertainment-oriented ensemble capable of presenting musical programs for school, community and civic groups. Members are encouraged to actively participate in the staging and showmanship of this organization. **A SPECIAL OUTFIT MUST BE PURCHASED BY EACH MEMBER OF THE GROUP.** The instrumentalists accompanying this group must be members of one of the high school instrumental ensembles and should be a member of one of the vocal ensembles (i.e., Concert Choir, Women's Chorus, or Chorale.) Private vocal instruction is strongly encouraged.

To maintain membership in this ensemble, students must participate in a Fall and Showstoppers vocal recital, as well as keep their GPA above a 2.5.

Rehearsal and performance schedules are assigned. **Students are also required to provide their own costumes for Showtime (spring show) production numbers.** Fees can range anywhere between \$5-50.

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## INSTRUMENTAL MUSIC – ORCHESTRA

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### Required Fees:

\$50.00	<b>Co-Curricular</b> Pay to Participate fee applies and will be posted to your financial obligation. This fee is waived/reduced upon receipt of current Free/Reduced Lunch Verification Letter.
\$10.00	Men: Tuxedo jacket dry cleaning fee. <b>(Payable to: The Friends of the Orchestra)</b>
\$80.00	Women: Dress purchase if new member.

### STRING ORCHESTRA

**1 Year**

**1 credit**

The String Orchestra is open to students in grades 9-12 by permission of the director. Students study a wide variety of string orchestra literature in addition to instruction in string instrument technique and performance practice.

Students are **REQUIRED** to attend all concerts, rehearsals and adjudicated events to complete the requirements of this course. Rehearsal and performance schedules are assigned.

Concert attire: Females supply the required uniform according to the guidelines of the orchestra handbook dress code. This may require a purchase.

Males are issued tuxedo jackets and pants. Males provide the required accessories And dress black shoes.

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### Required Fees:

\$50.00	<b>Co-Curricular</b> Pay to Participate fee applies and will be posted to your financial obligation. This fee is waived/reduced upon receipt of current Free/Reduced Lunch Verification Letter.
\$10.00	Men: Tuxedo jacket dry cleaning fee. <b>(Payable to: The Friends of the Orchestra).</b>
\$80.00	Women: Dress purchase if new member.

### SYMPHONY ORCHESTRA

**1 Year**

**1 credit**

The Symphony Orchestra is open to string, woodwind, brass and percussion players in grades 9-12 **by audition**. Auditions for new members are held early in the second semester of the previous year. The Symphony Orchestra meets every day and studies a wide variety of orchestral literature from all periods of music history that is musically and technically challenging. The Symphony Orchestra plays concerts for the public and student body.

Students are **REQUIRED** to attend all concerts, rehearsals and adjudicated events to complete the requirements of this course. Rehearsal and performance schedules are assigned.

Concert attire: Females supply the required uniform according to the guidelines of the orchestra handbook dress code. This may require a purchase.

Males are issued tux jackets and pants. Males provide the required accessories and dress black shoes.

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**INSTRUMENTAL MUSIC – STRINGS**  
**NON-CREDIT MUSIC OPPORTUNITIES**

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**Required Fees:**

\$100.00      **Extra-Curricular** Pay to Participate fee applies. Students may not participate until this fee is paid. This fee is waived/reduced upon receipt of current Free/Reduced Lunch Verification Letter.

**CHAMBER ORCHESTRA**  
**1 Year**  
**No credit**

Chamber Orchestra is an auditioned group made up of members of the Symphony Orchestra. This group rehearses once per week after school. This group performs for school and community events. Rehearsals and performance schedules are assigned by the director.

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**INDEPENDENT STUDY**

**GENERAL INFORMATION/MUSIC DEPARTMENT TRIPS**

**EXTRA EXPENSES MAY BE INCURRED IF A GROUP FROM THE MUSIC DEPARTMENT IS TAKING A TRIP OUTSIDE OF THE REGULAR PERFORMANCE SCHEDULE. SHOULD YOU BE A MEMBER OF A GROUP THAT IS TRAVELING, PLEASE NOTE THAT YOU MAY HAVE TO EARN MONEY TO PARTICIPATE.**

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## SCIENCE

### Science Dept. Required & Elective Course Offerings

<u>9th Grade</u>	<u>10th Grade</u>	<u>11th Grade</u>	<u>12th Grade</u>
*Honors Biology	Honors Chemistry	AP Physics	AP Physics
	Environmental Science	AP Biology	AP Biology
	Chemistry	AP Chemistry	AP Chemistry
	Physics	AP Environmental Science	AP Environmental Science
		Physics	Physics
		Honors Chemistry	Honors Chemistry
		Chemistry	Chemistry
		Environmental Science	Environmental Science

Physical Earth Science	Biology	AP Physics	AP Physics
	Honors Biology		AP Biology
			AP Chemistry
		AP Environmental Science	AP Environmental Science
		Physics	Physics
			Honors Chemistry
		Honors Chemistry	Chemistry
		Chemistry	Environmental Science
		Environmental Science	Physical Science
		Physical Science	

Physical Earth Science	Life Science		Environmental Science
			Physical Science
		Environmental Science	Chemistry
			Physics
		Physical Science	

### HONORS BIOLOGY – FRESHMAN PLACEMENT

Students screened for Honors Biology placement as a freshman must have either a superior cognitive ability score of at least a 127 or an achievement composite score of at least 95% and a 95% or above on a nationally normed science achievement test. They must have completed Algebra I with a minimum grade of B and an A- or better in Science in their 7th and 8th grade classes. If they meet these requirements, students will be invited to take the 9th grade Accelerated Science Placement Test in the spring of their 8th grade year. In order to be placed in the class, students must achieve the required score on their placement test, pass the state science achievement test with an accelerated or advanced score and have an excellent work ethic.

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**PHYSICAL EARTH SCIENCE****1 Year**  
**1 Credit****Prerequisite: None****Fee: \$6.00**

This course involves a study of Earth, space, and physical science topics. The content of the course will include strands of the Ohio Graduation Test. Topics of study will relate to Earth, space, and physical science benchmarks. The course will emphasize theory, evidence, concepts, and cycles that relate to matter, the Earth, and planetary makeup. A variety of teaching strategies, methods, and assessments will be used. **Course fee: \$6.00.**

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**LIFE SCIENCE****1 Year**  
**1 Credit****Prerequisite: Teach. Recommendation****Fee \$15.00**

This course is designed for those students whose past performance in ninth grade science indicates that they will require special attention in order to pass the Ohio Graduation Test. Topics in Life Science are aligned with Ohio State Standards in science. An applied science, Life Science introduces the student to cellular processes, heredity, various plant and animal groups, and their impact on the environment. The major methods used to study these areas are laboratory exercises and media presentation. Students must have the signature of their freshman science teacher to enroll in this course. This course may not be taken if you have passed Biology.

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**BIOLOGY****1 Year**  
**1 Credit****Prerequisite: Phys. Earth Science****Fee: \$15.00**

This course is designed as a survey of the major branches of biology. Biology introduces the student to cellular processes, heredity and genetic principles, microbiology, and various plant and animal groups and their impact on the environment. This course is aligned with the Ohio State Science Standards to meet requirements for the OGT. This course is structured so students may assimilate information in a variety of ways: reading, lab work, dissection, computer work, media presentation, and lecture. This course may not be taken if you have passed Life Science.

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**HONORS BIOLOGY****1 Year**  
**1 Credit****Prerequisite: See below****Fee: \$15.00**

This course emphasizes the close relationships among cells, organisms, and the biochemical processes that enable them to exist. Benchmarks associated with the Ohio Graduation Test will be thoroughly covered. There are nine major topics woven throughout the course: 1) Diversity of Life; 2) Science as Inquiry; 3) Cell Structure and Function; 4) Biochemical Processes; 5) Genetic Principles; 6) Evolution; 7) Taxonomy and Classification; 8) Microbiology; 9) Relationships of Structure and Function in Organisms. This course requires students to assimilate information in a variety of ways: reading, lab work, computer programs, lecture, and long-term projects. Emphasis is placed on problem-solving and critical thinking exercises. The bulk of a student's grade is based on test performance. Although most of the material is also covered in the general course, this course goes into much greater detail. Dissection of animals is a major lab component in the spring. There is a lab fee.

**Prerequisite:** (Placement as a freshman requires meeting additional placement criteria) "A" average on tests in Physical Science; Algebra I; "B" average or above with teacher's recommendation on schedule from 9<sup>th</sup> grade Science teacher.

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**AP BIOLOGY****1 Year****1 Credit****Prerequisite: See below****Fee: \$25.00**

This course follows the College Board's recommendations for a survey of Biology including: 1) Molecules and Cells; 2) Heredity and Evolution, and 3) Organisms and Populations. This course has been aligned with state graduation tests. This course is highly content intensive and students are expected to do independent learning. Further independent learning is required for AP test candidates. Lab fees will cover both required AP labs as well as additional supporting labs. Students are expected to do independent reading and presentations as a vital component of the course. This course follows the outline published by the College Board for AP Biology.

**Any student enrolled in an AP course may take the AP exam in May for which college credit can be granted with a passing score of 3-5. Fee for the examination is traditionally \$86.00 and is in addition to the regular course fee. It is recommended that all students attempt the AP exam.**

**Prerequisite:** Junior or Senior standing; having received a "B" or better in Biology or "C" or better in Honors Biology; having received a "C" or better in Chemistry

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**CHEMISTRY****1 Year****1 Credit****Prerequisite: See below****Fee: \$15.00**

Modern chemistry has as a major goal the functional understanding of the basic concepts and theories relative to matter and its makeup. There is a step-by-step development of the ideas involved in the organization of chemistry; atomic structure; chemical formulas and equations; solutions; chemical reactions and stoichiometry. Emphasis is placed on the experimental laboratory approach. Mathematical applications are included. A scientific calculator is required.

**Prerequisite:** Successful completion of Honors Biology or two years of high school science; at least "C" in Algebra I; concurrent enrollment in Integrated Math III (or higher course).

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**HONORS CHEMISTRY****1 Year****1 Credit****Prerequisite: See below****Fee: \$20.00**

The composition, structure, and properties of matter and the changes it undergoes will be studied. The topics are similar to that in regular Chemistry except covered in greater detail. *This course will be geared for students who are seriously pursuing a science and/or math related field in college.* The course will rely heavily on the student's skills in mathematics and their ability to succeed in laboratory situations. A scientific calculator is required.

**Prerequisite:** Minimum "B" grade in Biology or Honors Biology; concurrent enrollment in Algebra II w/Trig (or higher course).

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**AP CHEMISTRY****1 Year**  
**1 Credit****Prerequisite: See below****Fee: \$25.00**

This course will follow The College Board's objectives. AP Chemistry is designed to be the equivalent of the general chemistry course taken during the first college year. For some students, this course enables them to undertake, as freshmen, second-year work in the chemistry sequence at their institution or to register for courses in other fields where general chemistry is a prerequisite. The following topics (and corresponding percentages) reflects the main topics and the proportions of questions that appear on the examination: **Structure of Matter (20%); States of Matter (20%); Reactions (35-40%); Descriptive Chemistry (10-15%); and Laboratory (5-10%)**. This course is for students seriously considering pursuing a career in chemistry or careers that rely heavily on chemistry. Summer work will be given only for review of fundamental chemistry concepts.

**Any student enrolled in an AP course may take the AP exam in May for which college credit can be granted with a passing score of 3-5. Fee for the examination is traditionally \$86.00 and is in addition to the regular course fee. It is recommended that all students attempt the AP exam.**

**Prerequisite:** Minimum "B" average in Honors Chemistry; or an "A" average in Chemistry (with teacher recommendation); Minimum "A" grade in Algebra II w/Trig or "B" or better average in a higher course.

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**PHYSICAL SCIENCE****1 Year**  
**1 Credit****Prerequisite: Gr. 11/12****Fee: \$8.00**

A third year science course that covers the major topics and concepts of chemistry and physics. Designed for those students who want an alternative to the traditional chemistry and physics course offerings. Topics include the structure of matter, physical states of matter, chemical and physical changes, energy, forces, work, and simple machines. This course may be taken prior to Chemistry and/or Physics, but not taken after these courses.

**Prerequisites:** Successful completion of two years of science; concurrent enrollment in Integrated Math III (or higher course).

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**PHYSICS****1 Year**  
**1 Credit****Prerequisite: See below****Fee \$6.00**

This is an introductory, one-year physics program that presents a core of clear, concise ideas in a logical historical sequence using a multi-media approach. This course is based strongly in mathematics. Besides "pure physics," the course shows how physics connects with other sciences, particularly astronomy and chemistry, and includes aspects of the philosophy and history of science that put the development of the major ideas of physics into a humanistic and social context. The course includes motion concepts, motion in the heavens, mechanics, light, sound, electricity, and magnetism. There is a lab fee. A scientific calculator is required.

**Prerequisite:** At least a "C" in Algebra I and Geometry.

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**AP PHYSICS “B”****1 Year****1 Credit****Prerequisite: See below****Fee: \$6.00**

This course follows the outline published by the College Board for AP Physics B in both content and lab requirements. The objective of this course is to prepare students to take the College Board’s Advanced Placement B Exam near the end of the school year. The course is designed to closely follow the College Board outline: NEWTONIAN MECHANICS, 35%; FLUID MECHANICS AND THERMAL PHYSICS, 15%; ELECTRICITY AND MAGNETISM, 25%; WAVES AND OPTICS, 15%; ATOMIC AND NUCLEAR PHYSICS, 10%. Students who score well on this exam can test out of college physics or earn advanced placement. This course will involve the use of calculators, computers, and computer interfaced lab equipment. This course is suggested for students who may be considering a career in engineering, technology, computers, medicine, and other related fields. Lab fee \$6.00. This course follows the outline published by the College Board for AP Physics.

**Any student enrolled in an AP course may take the AP exam in May for which college credit can be granted with a passing score of 3-5. Fee for the examination is traditionally \$86.00 and is in addition to the regular course fee. It is recommended that all students attempt the AP exam.**

**Prerequisite:** At least a “B” in Algebra II with Trigonometry or Honors Algebra II.

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**ENVIRONMENTAL SCIENCE****1 Year****1 Credit****Prerequisite: Gr. 11/12****Fee: \$10.00**

Environmental Science is a lab science that introduces students to four major areas of study: 1) Natural History - field studies of local plant and animal communities; 2) Environment and Man - the interaction of man and his surroundings with an emphasis on the problems arising from increasing human population, pollution, and resource use; 3) Principles of Ecology - the relationship of organisms, populations, communities, and ecosystems; 4) Environmental Toxicology - the structure, interactions, and effects of toxic agents on living systems.

**Prerequisite:** Successful completion of two years of science.

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**AP ENVIRONMENTAL SCIENCE****1 Year****1 Credit****Prerequisite: See below****Fee: \$30.00**

This course follows the college recommended AP curriculum. The course is designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and man made, to evaluate the relative risks associated with these problems, and examine alternative solutions for resolving and/or preventing them. This course will focus on the “real science” behind environmental problems and issues. Laboratory and field studies are an important element in this course. The land area of the school grounds becomes an area of study as well as other off-campus sites. This course follows the outline published by the College Board for AP Environmental Science.

**Any student enrolled in an AP course may take the AP exam in May for which college credit can be granted with a passing score of 3-5. Fee for the examination is traditionally \$86.00 and is in addition to the regular course fee. It is recommended that all students attempt the AP exam.**

**Prerequisite:** Successful completion of Honors Biology or at least two years of a lab science, and one year of Algebra.

## SOCIAL STUDIES

### Social Studies Dept. Required & Elective Course Offerings

<u>8th Grade</u>	<u>9th Grade</u>	<u>10th Grade</u>	<u>11th Grade</u>	<u>12th Grade</u>
8th Grade Social Studies	US History	Honors European History	Elective	AP Political Science & AP Microeconomics
				AP Political Science & Economics
				AP Microeconomics & Civics
8th Grade Social Studies	US History	World History	Elective	Economics Civics

### Available Electives

<u>11th Grade</u>	<u>12th Grade</u>
AP American History	AP American History
AP Psychology	AP Psychology
Human Behavior	Human Behavior
Human Relations	Human Relations
Contemporary American Affairs	

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**FRESHMAN U.S. HISTORY 1877-PRESENT****Prerequisite: Gr. 9****1 Year  
1 Credit**

This course is a survey of United States History from the **POST RECONSTRUCTION ERA** to the **21st CENTURY**. This course is designed to prepare students for the Ohio Graduation Test in social studies. U.S. History or an equivalent course is required by the state of Ohio for graduation.

Skill development – in thinking, writing, listening and speaking – as well as content retention is emphasized throughout the course. Skill development will assist in preparation for the OGT, which is required for graduation.

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**SOPHOMORE WORLD HISTORY 1750-PRESENT****Prerequisite: Gr. 10****1 Year  
1 Credit**

This is a survey course that examines World History from the **ENLIGHTENMENT** to the **21st CENTURY**. The Industrial, French and Scientific Revolutions will lead to global conflicts that dominate the 20th Century. Students will understand the concepts of nationalism and imperialism that affect our World regions today.

Skill development, - Overview of people, places, terms, events, culture & society, types of government & economic systems, thinking, writing, listening and speaking – as well as content retention are emphasized throughout the course. Skill development will assist in preparation for the OGT, passage of which is required for graduation.

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**HONORS EUROPEAN HISTORY (Grade 10)****Prerequisite: Gr. 10 & See below****1 Year  
1 Credit**

From the Renaissance to the present, explore the progression of Western Culture. Students will delve into the roots of European cultural traditions politically, economically, and socially. Much greater depth and breadth about Europe's past, including an arts component should be anticipated. In addition, students will strengthen their academic skills, especially their research and writing skills. For students seeking a change and a challenge, this might be the right class.

**Prerequisite:** Students will need a grade of "A" in their first semester United States History class and/or a teacher recommendation.

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**CONTEMPORARY AMERICAN AFFAIRS****Prerequisite: Gr. 11****1 Year  
1 Credit**

Be on the cutting edge of news breaking events and gain an understanding of what is happening in *your* world today. Read, write, think, and talk about everything current from the Supreme Court to space shots to hottest cultural trends. From the military to music and movies to Medina, investigate the women and men (*young and old*) who make things happen. Sharpen your skills and get a grip on what is making the country go, the world turn, and why. And how this impacts your world and your future. The topics will change every day, but your understanding of them will continue to grow throughout the year. If you are an inquisitive, hardworking junior, this is the place for you. This course may have a fee of approximately \$10.00.

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**AP AMERICAN HISTORY****1 Year  
1 Credit****Prerequisite: 11/12  
Teach. Recommendation**

This Advanced Placement course encompasses the traditional American History curriculum from George Washington to George Bush. From Civil War to Civil Rights. From Rock & Roll to the women's movement, and more. In addition, students will learn exciting new study techniques; work at becoming more critical thinkers, more persuasive speakers, stronger, more effective writers, and better time managers. If you want to learn more American History than you ever thought possible, compete in the *National History Day Contest*, and gain valuable preparation for the AP test in May, this is the course for you. This course follows the outline published by the College Board for AP American History. There may also be a summer reading requirement.

**Any student enrolled in an AP course may take the AP exam in May for which college credit can be granted with a passing score of 3-5. Fee for the examination is traditionally \$86.00 and is in addition to the regular course fee. It is recommended that all students attempt the AP exam.**

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**CIVICS****1 Semester  
.50 Credit****Prerequisite: Gr. 12**

This course exposes students to all levels of American government in order to make them responsible and informed citizens. A major goal is to involve students in participatory activities. Civics also compares the United States' system with other political models, and includes a practical look at the law and the student's relation to it. Civics is a **required senior** course, unless you take AP Political Science.

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**AP POLITICAL SCIENCE****1 Semester  
.50 Credit****Prerequisite: Gr. 12  
Teach. Recommendation**

This course fulfills the senior civics requirement. Emphasis is placed on skill development as well as content mastery. Students will delve into all facets of government and politics, from George Washington to George Bush. From landmark Supreme Court decisions, to civil rights, civil liberties and everything in between. For those who desire to know how things work and why, and be on the cutting edge of "what's happening inside the beltway", this course is for you. The class will also focus on preparation for the AP Test in May. A very manageable and enjoyable summer reading and film component is required. This course follows the outline published by the College Board for AP Political Science.

**Any student enrolled in an AP course may take the AP exam in May for which college credit can be granted with a passing score of 3-5. Fee for the examination is traditionally \$86.00 and is in addition to the regular course fee. It is recommended that all students attempt the AP exam.**

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**ECONOMICS****1 Semester  
.50 Credit****Prerequisite: Gr. 12**

This course offers students an overview of the American economy and their place in it nationally and internationally, individually, and collectively. The micro component deals with the basic economic problem, supply and demand, the firm, factor markets, and government. The macro side examines economic systems, the American economy, and world economics. The student will be asked to use skills in critical thinking, communication, organization, and research to study the stock market, financial planning, entrepreneurship, and related areas. Economics is a **required senior** course, unless you take AP Microeconomics.

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**AP MICROECONOMICS****1 Semester****.50 Credit****Prerequisite: Teach. Recommendation**

This course fulfills the senior economics requirement. It is designed to augment the regular economics course by providing a comprehensive analysis of microeconomics. The student will be required to do a considerable amount of outside reading (collegiate level). The student will be asked to use skills in critical thinking, communication, organization, and research to analyze and apply basic microeconomic concepts and theory. Students with a serious interest in business as a career should consider this course. Students may also have an opportunity to prepare for the advanced placement test in microeconomics. This course follows the outline published by the College Board for AP Microeconomics.

**Any student enrolled in an AP course may take the AP exam in May for which college credit can be granted with a passing score of 3-5. Fee for the examination is traditionally \$86.00 and is in addition to the regular course fee. It is recommended that all students attempt the AP exam.**

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**HUMAN BEHAVIOR (Psychology)****1 Semester****.50 Credit****Prerequisite: 11/12**

In this introductory psychology course students will investigate the workings of the human mind. While sharpening their reading, writing, speaking, and thinking skills, students will examine human behavior and what contributes to personality development. Students will delve into such topics as emotions, motives, attitudes, instincts, and discover why people behave the way they do. For mature students with inquiring minds, this one semester course is usually taken in conjunction with **Human Relations**. (Sociology)

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**HUMAN RELATIONS (Sociology)****1 Semester****.50 Credit****Prerequisite: 11/12**

Sociology introduces students to the interactions of people in contemporary society. Students will explore group functions, how they interrelate in the societal framework, and their impact on today's society. Students will sharpen their reading, writing, speaking and critical thinking skills as they examine such topics as socialization, U.S. and world cultures, gender roles, and society's changes over time. For mature students with inquiring minds, this course usually is taken in conjunction with **Human Behavior**. (Psychology)

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**AP PSYCHOLOGY****1 Year****1 Credit****Prerequisite: 11/12  
Teach. Recommendation**

AP Psychology is designed to introduce students to the exciting exploration of the human mind. There will be a systematic and scientific study of the behavior and mental process of human beings and other animals. Students will be exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology, today. Students will also survey the ethics, methods and experiments psychologists employ in their fields of study. Students, who are willing to accept the challenge of rigorous academic study and outside readings in preparation for class and the AP test in May, should seriously consider this course. This course follows the outline published by the College Board for AP Psychology.

**Any student enrolled in an AP course may take the AP exam in May for which college credit can be granted with a passing score of 3-5. Fee for the examination is traditionally \$86.00 and is in addition to the regular course fee. It is recommended that all students attempt the AP exam.**

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**INDEPENDENT STUDY IN  
THE SOCIAL STUDIES**

Students apply through the department chairperson and school principal to enroll in "SSIS." Any social studies teacher may advise and/or sponsor a student for this enrichment/acceleration activity. Credits are usually 1 or 1/2 based on the scope of the work involved. IS projects are evaluated by both written and spoken performances that must be approved by the department head and principal in advance.

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## **SPECIAL SUPPORT PROGRAMS**

### **\*SPECIAL EDUCATION**

**1 Year**

**Credits as appl.**

The special education program provides a continuum of services and is designed for students with specific learning disabilities in one or more of seven categories as designated by federal law. Placement in this program is determined following a multi-disciplinary evaluation by school personnel. Intervention support provides remedial assistance in the student's area of educational need, as well as academic support for regular education classes. Another option may be essential classes which provides instruction and content adapted to meet students' educational needs. In all programs, an individual educational plan is developed for each student, stating annual goals and short-term objectives. These goals cover the range of individual academic achievement, personal and social adjustment, and work-study opportunities.

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### **EMOTIONAL DISTURBANCE (ILC)**

**1 Year**

**Credits as appl.**

Students are involved in the ED program by IEP placement. Involvement ranges from all day to an as-needed tutoring situation. The goal of the program is to increase the student's success in a variety of classroom experiences as well as work study and MCCC enrollment.

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### **\*FUNCTIONAL LIFE SKILLS – MH/CD**

**I, II, III, IV**

**1 Year**

**1 - 4.5 Credits**

The functional life skills program is individually designed for students who demonstrate multiple handicaps. Placement in the program is determined by a multi-disciplinary evaluation by school personnel. The program consists of supervised vocational and community-based experiences which parallel classroom instruction. The goal of this program is successful functioning as an adult in every day community experiences.

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### **COGNITIVE DISABILITY SERVICES (CD)**

Students are involved in the CD program by IEP placement. The extent of involvement varies based on individual educational needs. The goal of the program is to prepare the student to function independently.

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### **\*WORK-STUDY PROGRAM**

**WORK SERVICES**

**1 Year**

**1 - 3 Credits**

The work-study program provides supervised job training experiences for students with disabilities. They are given opportunities to work in various job stations receiving supervision and feedback. Students may be placed on in-school job stations, or training stations within the community for part time or full time employment. The goal of the work study program is successful community job experiences and full time employment after graduation.

***\*These courses are not included in the calculation of grade point average.***

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## **ESSENTIAL STUDY SKILLS**

**1 Year**

**.50 Credit**

Essential Study Skills focuses on developing study skills within the context of supporting students in their academic classes. Throughout the year students are introduced to different study strategies/techniques. In addition, support is offered in their core academic classes and remediation is provided in individuals' areas of need. Placement is determined through a multi-fractured evaluation.

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## **CAREER BASED INTERVENTION PROGRAMS**

The Career Based Intervention Program (CBIP) is designed to provide a meaningful career-oriented educational program for at-risk students. The program combines job experience with work-related classroom experience. Students participating in the Career Based Intervention Program are enrolled in all classes necessary for graduation.

The program offers up to three elective credits per year for time spent on the job (1 credit per 160 hours of work.)

**Prerequisite:** Counselor referral and completed program application are required. Admission to the program requires an intake process that reviews student needs and explains the requirements of the CBI Program.

## **MEDINA COUNTY CAREER CENTER**

Medina High School juniors and seniors have the opportunity to attend the Medina County Career Center, offering over 23 career technical programs along with a wide variety of college prep electives and academics.

Students who intend to enroll at the Career Center must have completed two years of high school and should plan ahead to be sure they are earning all necessary credits required for graduation and/or college entrance.

Through the combination of advanced technical education, college-prep academics and industry-based certifications, students leave the Career Center with the skills they need to pursue a career and/or further their education at the university level. Students will receive their diploma from Medina High School and a Technical Certificate from the Career Center.

Busing to and from the Career Center is provided by the Medina City School District and is subject to the same rules that govern busing for high school students in the district. Students take part in all Medina activities, and are eligible for all honors, scholarships and benefits.

### **Arts & Media Communications Majors**

Graphic Art & Printing Technology  
Multi-Media / Digital Design

### **Commercial/Residential Construction & Landscaping Systems Majors**

Building Trades  
Carpentry  
Heating, Ventilation and Air Conditioning (HVAC)  
Landscape Design & Turf Management

### **Computer Information Systems Technology Majors**

Computer Science & Forensics  
E-Commerce Specialist  
Engineering Technologies & Design  
Software Engineering & Web Development

### **Health, Wellness & Public Safety Majors**

Animal Management & Care  
Chef & Restaurant Management  
Cosmetology  
Diversified Medical Technologies  
Early Childhood Education  
Public Safety  
Sports Fitness Training  
Teacher Education Academy

### **Transportation & Industrial Technology Majors**

Auto Collision Technology  
Automotive Technology  
Commercial Truck & Equipment Technology  
Power Equipment Technology  
Precision Machining Technology

### **Non Recruitment Programming – ½ day option only**

Culinary Arts & Textile Services (by associate school referral)  
Custodial Maintenance (by associate school referral)

## ACADEMIC OFFERINGS

In addition to the technical programs offered at the Career Center, the following academic credits are available in each Career Major:

### ENGLISH

Advanced English (1 credit)  
British Literature (1 credit)  
English: The Teenager/Young Adult (.5 credit)  
English III (1 credit)  
Introduction to Fiction (.5 credit)  
Journalism (.5 credit)  
Speech (.5 credit)

### MATHEMATICS

Algebra I (1 credit)  
Algebra II (1 credit) (college credit possible)  
Calculus (1 credit)  
Comprehensive Math (1 credit)  
Geometry (1 credit)  
Integrated Mathematics (1 credit)  
Math Analysis (1 credit)

### SOCIAL STUDIES

American Government (.5 credit)  
American History (.5 credit)  
Economics (.5 credit)  
Comprehensive Economics (.5 credit)  
Comprehensive Government (.5 credit)  
Psychology (.5 credit)

Sociology (.5 credit)

### SCIENCE

Advanced Physics (1 credit)  
Anatomy and Physiology (1 credit)  
Advanced Biology (1 credit)  
Chemistry (1 credit)  
Comprehensive Science (1 credit)  
Environmental Science (1 credit)  
Fundamentals of Aeronautics (Physics) (1 credit)  
Health Bio-Chemistry (.5 credit)  
Integrated Science (Physical Science) (1 credit)  
Physics (1 credit)

### ELECTIVES

Computer Technology I (.5 credit)  
Computer Technology II (.5 credit)  
(HTI) Home Technology Integration (2 credits)  
Literacy (.5 credit)  
Personal & Professional Financial Planning (.5 credit)  
Professional Development for the Workplace (.5 credit)  
Spanish I, II, III, IV (1 credit)  
Technology Bootcamp (.5 credit)

For detailed program information and course descriptions, contact the Admissions Office for a course catalogue.

Christopher Kalina  
Admissions Coordinator  
(330) 725-8461 ext. 313  
1-866-896-MCCC (6222) ext. 313  
[Kalina@mcjvs.org](mailto:Kalina@mcjvs.org)

Both the Ohio Department of Education and the National Collegiate Athletic Association (NCAA) accredit Medina County Career Center technical and academic courses.

The Medina County Career Center is committed to equal opportunity for all and does not discriminate on the basis of race, color, religion, national origin, age, or disability.

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NAME : \_\_\_\_\_

**FOUR YEAR PLANNER**

ID NUMBER: \_\_\_\_\_

**EDUCATIONAL GOAL:**     high school                       2 year degree                       Masters                       Professional  
     vocational certificate                       4 year degree                       Doctorate

**CAREER GOAL:** \_\_\_\_\_

	-- 9 --		-- 10 --		-- 11 --		-- 12 --	
	Course Name	Credit	Course Name	Credit	Course Name	Credit	Course Name	Credit
Language								
Arts (4)								
Math (3)								
Science (3)								
Social								
Studies (3)								
Health (1/2)								
Physical								
Education (1/2)								
World								
Language (0)								
Fine Arts (0)								
Business/								
Technology (0)								
Other								
<b>CREDITS FOR YEAR</b>								
<b>TOTAL CREDITS</b>								



# SCHEDULING WORKSHEET

# of Courses	First Semester	Second Semester

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