

Mechanicsburg Schools

*"The Best Small
School in Ohio"*



High School
Curricular Guide
2011 - 2012

MECHANICSBURG EXEMPTED VILLAGE SCHOOLS

Board of Education

Mr. Dan Gaver, President

Mr. Paul McMahill

Mr. Brian Forrest

Mr. Scott DeLong

Mr. Scott Wolf

Superintendent

Dr. Bobby Moore

Secondary Principal

Mr. Scott Wasserman

Guidance Counselor

Mrs. Carol Carpenter

School Contact Information

60 High Street

Mechanicsburg, Ohio 43044

Phone: 937.834.2453

Fax: 937.834.7103

www.mechanicsburg.k12.oh.us

TABLE OF CONTENTS

District Statements.....	4
Graduation Requirements	5-7
Honors Diploma.....	8
Suggested Course Sequences.....	9-10
Student Credit Review.....	11
Earning Credits.....	12
Educational Options.....	13-14
Credit Flexibility/Testing Out.....	15-17
Independent Study	18
Ohio High Point Career Center.....	19
Post Secondary Education	20-26
Physical Education Waiver Intent	27
College Preparatory Information.....	28
Courses	
Agricultural.....	29-30
Art.....	30-31
Business and Computer.....	31
English.....	32
Foreign Language.....	33
Health and Physical Education.....	33-34
Industrial Technology.....	34
Mathematics.....	34-35
Music.....	36
On line Course.....	37
Science.....	37-38
Social Studies.....	39
Intervention – Freshman/Sophomore Study.....	40

DISTRICT STATEMENTS

Educational Philosophy/Core Values

The Board is committed to providing a program of education, which is consistent with the following tenets.

1. Education shall contribute to the continuous improvement of our democratic society and the cultures it encompasses through the development of concerned, contributing and patriotic citizens.
2. The dignity and worth of the individual is respected; each individual should be given the opportunity to participate in our society to the best of his/her ability.
3. The educational program should be conducive to the optimum intellectual, physical, social and emotional development of all youth.
4. Basic knowledge, skills, understandings and appreciations are necessary for full-life functioning.
5. All youth shall be introduced to the humanities and the arts and provided the opportunity to pursue further studies in these areas.
6. The immediate and projected personal and societal needs of our youth receive continuous appraisal.
7. The development of self-appraisal skills, decision-making techniques and self-discipline by our youth should help them in assuming the responsibility for setting realistic immediate and long-range personal, academic and career goals.
8. The development of moral and ethical values on the part of youth is an important aspect of personal maturity for which the parents should assume the primary responsibility; however, the schools strive to reinforce their efforts.
9. Continuous physical, mental and emotional growth and development should be promoted through the maintenance of appropriate educational programs for youth.
10. Self-realization and self-expression are encouraged.
11. The educational program shall meet or exceed the State Board of Education Minimum Standards.
12. The development and implementation of a program of continuous evaluation based upon stated goals and objectives are necessary for effective program revision and improvement.

Mission Statement/District Goals

The Mission of the Mechanicsburg Exempted Village Schools is to challenge students to reach their potential while instilling a sense of pride, responsibility, creativity, and self-discipline for future success.

Secondary School Goal – District Ohio Improvement Plan Goal

By 2012 all student subgroups will meet AYP by 1 of the 4 measures in reading and math on the OAA and OGT with a focus on students with disabilities and economically disadvantaged subgroups.

GRADUATION REQUIREMENTS FOR 2012 - 2013 GRADUATES

A student that meets the requirements for graduation set forth by the Mechanicsburg Exempted Village Schools Board of Education, which includes the minimum requirements established by the Ohio Department of Education, shall be granted a diploma. Seniors who do not meet one or more of the requirements shall not take part in any of the commencement activities.

Distribution of Credits		
English: English 9 English 10 English 11 English 12	1 Credit 1 Credit 1 Credit 1 Credit	4 Credits
Science: Physical Science (<i>Comprehensive Science</i>) Life Science (<i>Biology, Anatomy/Physiology</i>) Advanced Study in Physical, Earth/Space, or Life Science (<i>Chemistry and Physics are year courses worth 1 credit each</i>)	1 Credit 1 Credit 1 Credit	3 Credits
Mathematics: <i>Pre Algebra, Algebra I, Geometry, Algebra II, Pre Calculus</i>	1 Credit	3 Credits
Social Studies: World History American History Government/Economics (<i>Psychology/Sociology is a year course worth 1 credit</i>)	1 Credit 1 Credit 1 Credit	3 Credits
Health		½ Credit
Physical Education/Sport PE		½ Credit
Electives (<i>Must also include one of the following: business/technology or fine arts or foreign language</i>)		8 Credits
Total (<i>Minimum needed for graduation</i>)		22 Credits

GRADUATION REQUIREMENTS FOR 2014 GRADUATES and Beyond

A student that meets the requirements for graduation set forth by the Mechanicsburg Exempted Village Schools Board of Education, which includes the minimum requirements established by the Ohio Department of Education, shall be granted a diploma. Seniors who do not meet one or more of the requirements shall not take part in any of the commencement activities.

Distribution of Credits		
English: English 9 English 10 English 11 English 12	1 Credit 1 Credit 1 Credit 1 Credit	4 Credits
Science: Physical Science (<i>Comprehensive Science</i>) Life Science (<i>Biology, Anatomy/Physiology</i>) Advanced Study in Physical, Earth/Space, or Life Science (<i>Chemistry and Physics are year courses worth 1 credit each</i>)	1 Credit 1 Credit 1 Credit	3 Credits
Mathematics: <i>Pre Algebra, Algebra I, Geometry, Algebra II, Pre Calculus, AP Calculus</i>	1 Credit	4 Credits
Social Studies: World History American History Government/Economics (<i>Psychology/Sociology is a year course worth 1 credit</i>)	1 Credit 1 Credit 1 Credit	3 Credits
Health		½ Credit
Physical Education/Sport PE		½ Credit
Electives (<i>Must also include one of the following: business/technology or fine arts or foreign language</i>)		9 Credits
Total (<i>Minimum needed for graduation</i>)		24 Credits

GRADUATION REQUIREMENTS

Community Service is no longer a requirement for graduation according to Board Policy 5460 or the Ohio Department of education.

Ohio Graduation Tests

All students must pass all parts of the Ohio Graduation Test in order to receive a diploma.

The High School will be exploring a Senior Class Project in the coming years that would replace Career Passports. With an emphasis on ACT core standards and writing projects in all HS English classes, the district feels that Career Passports are no longer the right focus of instructional time.

In accordance with **proposed** board policy, Freshman and Sophomore students must be enrolled in a minimum of 5 classes in district, 4 classes as a junior and a minimum of 3 classes as seniors to be considered a full time student. Additional requirements for athletic eligibility apply.

HONORS DIPLOMA-Graduating in 2012 and beyond

Criteria for receiving an honors diploma includes the same requirements established for the regular diploma and meet 7 of the following 8 criteria:

1. Earn four units of English;
2. Earn four units of mathematics that include at least Algebra I, Algebra II, and Geometry and another higher level course or a four-year sequence of courses that contain equivalent content
3. Earn 4 units of Science including physics and chemistry
4. Earn four units of social studies;
5. Earn three units of one foreign language (or 2 units each of two foreign 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 1210 on the Scholastic Assessment Tests (SAT) tests.

Students who complete an intensive career-technical education curriculum in the high school (at Hi-Point for Mechanicsburg students) must meet 7 of the following 8 criteria:

1. Earn four units of English;
2. Earn four units of mathematics that include at least Algebra I, Algebra II, and Geometry and another higher level course or a four-year sequence of courses that contain equivalent content;
3. Earn 4 units of Science including physics and chemistry;
4. Earn four units of social studies;
5. Earn four units in the student's career-technical educational curriculum. Program must lead to an industry recognized credential, apprenticeship or be part of an articulated career pathway which can lead to post secondary credit;
6. Maintain an overall high school grade point average of at least a 3.5 on a 4.0 scale up to the last grading period of the senior year;
7. Obtain a composite score of 27 on the American College Testing (ACT) tests or a score of 1210 on the Scholastic Assessment Tests (SAT) tests.

SUGGESTED COURSE SEQUENCES For 2011 and 2012 Graduates

Listed below is a suggested sequence of high school courses. All prerequisites must be met to enroll in a course.

9 th Grade	CR	10 th Grade	CR	11 th Grade	CR	12 th Grade	CR
English 9	1	English 10	1	English 11	1	English 12	1
Comprehensive Science	1	Biology	1	Chemistry, Physics, Anatomy	1	Physics, Anatomy	1
Pre Algebra, Algebra I, or Geometry	1	Algebra I, Geometry, or Algebra II	1	Algebra I, Geometry, Algebra II, or Pre Calculus	1	Geometry, Algebra II, Pre Calculus	1
World History	1	American History	1	Govt/Econ	1	Social Studies Electives	1
Physical Education	½	Health	½	* Electives	4	* Electives	4
* Electives	3 ½	* Electives	3 ½				
Total		Total		Total		Total	
Minimum total needed for 10th grade status	5 ¼	Minimum total needed for 11th grade status	10 ½	Minimum total needed for 12th grade status	17	Minimum total needed for graduation	22
<i>* Electives must also include one of the following: business/technology or fine arts or foreign language. College preparatory students should take at least two years of foreign language.</i>							

Schedule Adjustments

Students will not be permitted to change course requests once schedules are finalized at the end of the current school year. However, a schedule adjustment may be approved by the principal after the current school year if:

1. The student failed a course last year and needs to reschedule the same course this year.
2. The student completed a summer school course and needs to eliminate this course from the schedule.
3. The student's schedule has a computer error.
4. The student's post secondary course schedule creates a scheduling conflict.
5. Schedule changes may take up to 5 days.

SUGGESTED COURSE SEQUENCES For 2013 and 2014 Graduates

Listed below is a suggested sequence of high school courses. All prerequisites must be met to enroll in a course.

9 th Grade	CR	10 th Grade	CR	11 th Grade	CR	12 th Grade	CR
English 9	1	English 10	1	English 11	1	English 12	1
Comprehensive Science,	1	Biology	1	Chemistry, Physics, Anatomy	1	Physics, Anatomy	1
Algebra I, or Geometry	1	Algebra I, Geometry, or Algebra II	1	Algebra I, Geometry, Algebra II, or Pre Calculus	1	Geometry, Algebra II, Pre Calculus, or Senior Level Math	1
World History	1	American History	1	Government/Economics	1	Social Studies Electives	1
Physical Education	½	Health	½	* Electives	4	* Electives	5
* Electives	3 ½	* Electives	3 ½				
Total		Total		Total		Total	
Minimum total needed for 10th grade status	5 ¾	Minimum total needed for 11th grade status	11 ¼	Minimum total needed for 12th grade status	17	Minimum total needed for graduation	24
<i>* Electives must also include one of the following: business/technology or fine arts or foreign language. College preparatory students should take at least two years of foreign language.</i>							

Schedule Adjustments

Students will not be permitted to change course requests once schedules are finalized at the end of the current school year. However, a schedule adjustment may be approved by the principal after the current school year if:

1. The student failed a course last year and needs to reschedule the same course this year.
2. The student completed a summer school course and needs to eliminate this course from the schedule.
3. The student's schedule has a computer error.
4. The student's post secondary course schedule creates a scheduling conflict.
5. Schedule changes may take up to 5 days.

STUDENT CREDIT REVIEW

List the courses you have completed and the course you are currently taking.

9 th Grade	CR	10 th Grade	CR	11 th Grade	CR	12 th Grade	CR
Total		Total		Total		Total	
Minimum total needed for 10th grade status	5 ¾	Minimum total needed for 11th grade status	11 ½	Minimum total needed for 12th grade status	17	Minimum total needed for graduation	22/24

- *Minimum total for 10th grade status for 2011, 2012 graduates: 5 ¼
- *Minimum total for 11th grade status for 2011, 2012 graduates: 10 ½
- *Minimum total for 12th grade status for 2011, 2012 graduates: 17
- *Minimum total for graduation for 2011, 2012, 2013 graduates: 22
- *Minimum total for graduation for 2014 graduates: 24

EARNING CREDITS

Credits will be awarded at the end of each semester

This will allow students that move into PSEO, transfer schools, or fail a portion of the school year to earn partial credit and prevent excessive credit deficiencies.

Credit Recovery

Students may make up credit deficiencies by attending an accredited summer school program which meets the Minimum Standards for Elementary and Secondary Schools as prescribed by the Ohio Department of Education. Students are to meet with the high school counselor before making any final decisions about remediation of course work.

Credit for Correspondence Courses

Credit for correspondence courses may be applied toward graduation requirements if the following conditions are met:

1. Approval for the correspondence course is granted by the principal prior to registration for the course.
2. All correspondence courses must be taken through the University of Kentucky.
3. The maximum number of credits earned by correspondence study shall not exceed two (2) credits.
4. Correspondence courses will be taken for credit only/ No Grade. An official transcript must be received and approved.
5. The school must receive all official transcripts for all correspondence and/or independent study courses by May 15th for any senior who wishes to participate in commencement.
6. All prerequisites referred to in the course guide must be followed to enroll in a correspondence course.
7. Correspondence courses may not replace courses regularly offered at Mechanicsburg High School.
8. Correspondence courses should normally be used as remediation courses.

Dropping or withdrawing from a class

Students have 5 school days from the beginning of a semester to request a schedule change. Students are not permitted to drop or withdraw from a class that is needed for graduation. Students may be permitted to drop or withdraw from a class not needed for graduation at semester time, in which credit for the 1st semester will be posted to the student's transcript.

Early Graduation

Students, who plan early graduation and wish to receive their diploma at the conclusion of three (3) years of high school, must apply for permission to graduate early before October 1 of the sophomore year. The letter of intent shall be forwarded to the principal. To be considered for early graduation, a student's schedule for his/her eleventh grade must be approved by the guidance office, along with credits already received or in the process of being received which must indicate the following: (1) Acquisition of or in the process of acquiring the subjects and credits required by the State of Ohio Department of Education and (2) Acquisition of or in the process of acquiring the subjects and credits required by the Mechanicsburg Exempted Village School District. A student must also maintain 95% attendance throughout high school. The attendance requirement applies to all absences, excused and unexcused (not more than nine absences/year). If hardship can be proven, this requirement may be waived by the Superintendent.

Acceptance of Credits from Other Schools

Mechanicsburg High School will accept credits transferred by official transcript from any accredited high school, provided such credits and courses meet requirements of the Ohio Department of Education and the Mechanicsburg Exempted Village School Board of Education. The counselor is responsible for evaluating all transcripts with final approval given by the principal.

EDUCATIONAL OPTIONS

Under "Operating Standards for Ohio's Schools" high schools may define educational options which may be provided in accordance with school board policy to supplement the regular school program. At Mechanicsburg High School, the educational options which meet specialized needs for enrichment are:

Credit Flexibility: Ohio's plan for Credit Flexibility is designed to broaden the course options available to students, increase the depth of study possible for a particular subject, and allow students to tailor learning time to fit their needs. Students may earn credits by demonstrating mastery of course content through the testing out option or by constructing a plan of activities, projects, online work, work study, independent learning, etc. that would serve as the measure of student learning. Credit Flexibility is intended to motivate and increase student learning by allowing access to more learning resources, especially real-world experiences where students demonstrate what they know and can do. There are certain timelines and potential fees associated with credit flexibility plans. Students must apply for Credit Flexibility by completing the applicable Credit Flexibility Request Form (located in the appendix of the course catalog and in the Guidance office). Credit Flexibility is subject to administrative approval.

Post-Secondary Enrollment Option: High school students may enroll in a state-assisted college or university (or private institution holding a certificate of authorization). Arrangements for this are made through the school guidance counselor. A student must notify the school district of the intent to participate in the PSEO and complete the application process prior to March 30th. High school graduation requirements may be waived for students participating in this program as approved by the High School Office. College courses must not conflict with the required high school course time requirement of 120 seat hours or the conflicting course will need to be approved as a credit flexibility course. Completion of the individual college's application for admission, placement testing and the scheduling of classes is the responsibility of the student and parent. The high school counselor must be kept informed of all course selections before the course selections are finalized. Refer to PSEOP appendix guidelines.

Ohio Hi Point Career Center: Mechanicsburg High School partners with Ohio Hi Point Career Center to offer career programs for juniors and seniors.

Online Advanced Placement Courses: Students have the opportunity to complete a variety of Advanced Placement (AP) courses through online vendors. The content of these courses is determined by the College Board and supported with textbooks and online instructors. Students who score well on AP exams may be awarded college credit. Colleges look favorably upon courses designated as AP since these courses represent more rigorous content. Information regarding online AP courses can be obtained from the guidance department.

Online Courses: Students have the opportunity to complete a variety online courses using distance learning or district owned software. The content of these courses is determined by Ohio Academic Content Standards and online vendors. Online Courses should be offered to students with scheduling conflicts that cannot be resolved or those that are credit deficient, when there is a need to free up an additional teacher unit, or for courses not presently offered at the high school.

Dual enrollment: Dual Enrollment enables a student to earn both high school and college credit simultaneously. Current Dual enrollment courses include Anatomy and Physiology and Pre-Calculus. Eligible students may earn college credit from Clark State University pending student enrollment paperwork and course completion. Eligibility will be based on data obtained from all ACT End of Course Exams in the applicable subject areas. The cost for college credit (\$25 per quarter hour) will be collected as a student fee and must be paid by the end of the first grading period. See the course catalog descriptions for prerequisites.

A student interested in any of the above options should see the guidance counselor for more information.
**PARTICIPATION IN ALL EDUCATION OPTIONS ARE DEPENDENT ON THE PRINCIPAL'S APPROVAL
AND PARENTAL PERMISSION**

Credit Flexibility-Testing Out

1. Students should speak with the guidance department for opportunities in flexible credits.
 - a. Students must request in writing the intent to complete a credit flexibility course by October 1 of the current school year. It is encouraged that students submit their intent for credit flexibility by the end of the previous school year for scheduling purposes.
 - b. Accepted students will receive the course syllabus, textbook, and quarterly study guides in order to prepare for the course examination.
 - c. Credit Flexibility-Testing out is available for the following courses that administer SCAs: English 9, English 10, English 11, English 12, Algebra I and II, Geometry, Pre-Calculus, Calculus, Chemistry, Comprehensive Science, Anatomy and Physiology, and Biology. Students interested in the testing out option for additional courses will be required to study the course material independently and take each unit assessment given throughout the course of year at the same time they are administered to the class.
 - d. Students will be required to complete 4 quarterly exams (one by the end of each quarter, with two completed prior to January 7th ; all 4 completed by May 1st) and receive a B- or higher to earn credit for the course. Half credits will not be awarded for full year courses. Students will receive two opportunities to pass each quarterly exam with a C or higher, **with a final average grade of B- or better**. Students that do not receive a B- or better will have to retake the course or complete credit recovery to earn credit.
 - e. Credit Flexibility requirements must be met by May 1 for credit to be received.

2. Students must receive a grade of “B-” or above to pass a course through flexible credits.
 - a. Weights, grading and Carnegie scales will be the same as if the student attended the course. Course credits and weights are listed annually in the Course Description Handbook. If this is a dual credit course, grades will count on both transcripts.
 - b. Students testing out of dual credit courses must meet the colleges’ or universities’ course content expectations.
3. Credit Flexibility Fee - all courses will have an **\$80 fee** that must be paid at the time the application is approved and materials are received. This fee will offset the cost of materials, teacher consulting time and grading that takes place outside the normal school day. Dual credit courses will have both the dual credit cost and credit flexibility cost.
4. Partial and simultaneous credits are allowed by law if a student starts a school year in a year-long course and requests by October 1 to test out of the second semester. The student would remain in the course and receive partial credit for the first semester and, upon completion and passing of materials by December 15, would receive credit for the second semester and not be required to continue in the course.
5. The board will accept incoming credits from online education, postsecondary options, other public schools, college dual credit and, at the discretion of the Superintendent, the evaluation of courses that come from nationally accredited programs of higher education.
6. Students who do not complete the testing out requirements may in writing appeal to the Superintendent for a 30-day extension. Students who transfer to another district or are applying for early graduation shall meet with the Superintendent or designee to develop a plan for the completion of testing out credit.

Credit Flexibility- Plan for Demonstrating Mastery^{1.06.11}

1. Students should speak with the guidance department for opportunities in flexible credits.
 - a. Students must request in writing the intent to complete a credit flexibility course by October 1 of the current school year. It is encouraged that students submit their intent for credit flexibility by the end of the previous school year for scheduling purposes.
 - b. Credit Flexibility requirements must be met by May 1 for credit to be received.
2. Students must receive a grade of “B-” or above to pass a course through a credit flexibility plan for mastery.
 - c. Weights, grading and Carnegie scales will be the same as if the student attended the course. Course credits and weights are listed annually in the Course Description Handbook. If this is a dual credit course, grades will count on both transcripts.
 - d. Students using a mastery plan for dual credit courses must meet the colleges’ or universities’ course content expectations.
3. Credit Flexibility Fee - all courses will have an **\$80 fee** that must be paid at the time the application is approved and materials are received if the plan requires time outside of the teacher of record’s contractual day. This fee will offset the cost of materials, teacher consulting time and grading that takes place outside the normal school day. Dual credit courses will have both the dual credit cost and credit flexibility cost.
4. Partial and simultaneous credits are allowed by law if a student starts a school year in a year-long course and requests by October 1 a plan of mastery for the second semester. The student would remain in the course and receive partial credit for the first semester and, upon completion of the mastery plan, would receive credit for the second semester without continuing in the course.
5. The board will accept incoming credits from online education, postsecondary options, other public schools, college dual credit and, at the discretion of the Superintendent, the evaluation of courses that come from nationally accredited programs of higher education.
6. Students who do not complete the credit flexibility mastery plan requirements may in writing appeal to the Superintendent for a 30-day extension. Students who transfer to another district or are applying for early graduation shall meet with the Superintendent or designee to develop a plan for the completion of testing out credit.

Mechanicsburg High School^{12.15.10}

Request to Participate in Flexible Credit Programming – Testing Out

This request must be kept on file in the Students Accumulative School File

Student _____ Date _____ Grade _____

Address _____, Ohio Zip _____

Home Phone _____ Cell Phone _____

Approving Parent or Guardian _____ Date _____
(Signature required if under age of 18)

Principal approval signature _____ Date _____

Credit Flexibility Course Title _____

Supervising Teacher of Record _____

Timeline for start and completion _____

1st Quarter Assessment Date _____ 1st Quarter Grade _____

Retake Date _____ Retake Grade _____

2nd Quarter Assessment Date _____ 2nd Quarter Grade _____

Retake Date _____ Retake Grade _____

3rd Quarter Assessment Date _____ 3rd Quarter Grade _____

Retake Date _____ Retake Grade _____

4th Quarter Assessment Date _____ 4th Quarter Grade _____

Retake Date _____ Retake Grade _____

*Please circle which grade will be posted to progress book if the student retakes an assessment.

*Testing deadlines: application completed by Oct. 1st, 1st and 2nd quarterly tests by December 15th, and all by May 1st.

Final Grade _____ Teacher of Record Signature _____

Expectations:

1. Students must take all credit flex assessments during school hours.
2. For eligibility purposes, one attempt at each quarterly exam should correspond with the end of each grading period.
3. All assessments are to be scored using OASIS.
4. Following each assessment, the teacher of record must meet with the student to review areas of need and discuss reassessment.
5. Students may opt to retake each quarterly assessment for a better grade. Testing will take place during the school and be scored using OASIS. The better of the 2 grades will be posted as the final quarter grade.
6. Scaling of scores may occur based on overall class data. A consistent scaling method will be used by all teachers.

Requirements:

1. The parent(s)/guardian(s) must provide written approval for students less than eighteen years of age to participate. A copy of the written approval must be retained in the school files. Students eighteen years of age or older must submit a written request to participate. This request will be kept on file.
2. A certificated teacher will provide both the instruction and the evaluation of students.
3. All timelines must be met by the student unless otherwise stipulated by the building principal.
4. All costs involved with the educational options are at the student's expense and must be paid at the time of acceptance in a credit flexibility course.

Request to Participate in Credit Flexibility Plan for Demonstrating Mastery^{1.05.11}

All Applications must be submitted by October 1 of the current school year. This request must be kept on file in the Students Accumulative School File

Student _____ Date _____ Grade _____

Address _____, Ohio Zip _____

Home Phone _____ Cell Phone _____

Approving Parent or Guardian _____ Date _____

(Signature required if under age of 18)

Supervising teacher signature _____ Date _____

Cooperating community member _____ Date _____

(If applicable)

Principal approval signature _____ Date _____

Project Title _____

Timeline for start and completion _____

Final Grade _____ Teacher of Record Signature _____

Educational Options Format (Circle all that apply), project, performance, portfolio, presentation, internship, community service, research, travel, correspondence course, or other approved format).

This plan requires time outside the regularly scheduled school day. A Credit Flexibility fee of \$80 will be assessed to the student at the time the plan is approved.

Teacher Name _____ Signature: _____

This plan does not require time outside the regularly scheduled school day. A Credit Flexibility fee will not be assessed to the student at the time the plan is approved.

Teacher Name _____ Signature: _____

Credit Flexibility Plan

Student _____ Date _____ Grade _____

Credit Flexibility Project Title _____

Timeline for start and completion _____

Instructional Plan

Instructional Objectives and Timelines:

Major instructional activities and identifying materials, resources, facilities and equipment needed to achieve instructional objectives:

Written plan for the evaluation of student performance:

OHIO HI-POINT CAREER CENTER

Mechanicsburg High School students attending Ohio Hi-Point Career Center programs will be required to attain the same graduation requirements as all other Mechanicsburg students. Admission requirements to Hi-Point; AGE: Students wishing to enroll must be sixteen (16) years of age by October 15th of the year they begin at Ohio Hi-Point and must have been in high school for two years. ATTENDANCE: Absences must not have exceeded thirty-six (36) days during the previous two years (combined total). CREDITS: Students must have earned at least seven (8) core credits and have a 1.5 GPA. Phys. Ed. and health are not offered at Hi-Point therefore they must be completed at MHS prior to going to Hi-Point. Students who do not meet the established prerequisites must have a conditional plan in place that will identify how the student intends to ensure successful completion of the desired vocational program and to ensure high school graduation. For further information please visit the Ohio Hi-Point Website. www.ohp.k12.oh.us

MECHANICSBURG HIGH SCHOOL POST-SECONDARY ENROLLMENT OPTIONS PROGRAM



INTRODUCTION

The Post-Secondary Enrollment Options Program provides students in grades 9-12 an opportunity to take classes at eligible post-secondary institutions. These institutions include community colleges, post-secondary vocational institutions, state universities, and many private colleges and universities.

The purpose of the program is to promote rigorous academic pursuits and to provide a wider variety of options to high school students.

This guide should aid you in deciding if this program is appropriate for you. If you have more questions, check with your guidance counselor.

PROGRAM ELIGIBILITY

- ❖ A student may enroll in post-secondary, nonreligious courses. Student must have a **cumulative GPA of 3.0 to be eligible** for participation in the program. Students **must maintain a 3.0 GPA** to remain enrolled in the program.
- ❖ Students enrolled in post-secondary cannot be considered credit deficient.
- ❖ In accordance with **proposed** board policy, Freshman and Sophomore students must be enrolled in a minimum of 5 classes in district, 4 classes as a junior and a minimum of 3 classes as seniors to be eligible for PSEO.
- ❖ Students entering the PSEO program may be required to attend a counseling session that will include a review of the student's current data and transcript.
- ❖ There are two options related to the type of credit a student can earn. Option A - the student/parent pays the tuition, textbook, materials and normal fees. The student may also elect whether to receive only college credit or high school and college credit for the course. Option B – the tuition, textbooks, materials and fees is paid for and the student receives both high school and college credit for the course.
- ❖ Students who fail a PSEO course must pay the cost of the course before enrolling for another semester. Failure of 2 or more PSEO classes or withdrawing past the deadline will prevent students from future PSEO participation.
- ❖ Rule 9 of the state guidelines states, "The college will furnish students ... with all textbooks and materials directly related to a course. These students will not be charged." However, the textbooks are property of the Post-Secondary institution and must be returned by the student following the completion of the course. Failure to return materials will result in additional student fees.
- ❖ By March 30th the student must indicate interest in the program by completing the proper paperwork and returning it to the school counselor. If after indicating interest in PSEOP the student must notify the school counselor if they are no longer participating. After March 30th the student will require special permission from the principal to participate in the program.
- ❖ The PSEO Contract and Agreement forms must be completed with the appropriate signatures. By signing these forms it indicates that you have received information about the program and are aware of your responsibilities regarding the program.
- ❖ Each college has specific entrance requirements. It is not the responsibility of Mechanicsburg Schools to determine your acceptance into the college of your choice but the college itself.
- ❖ All courses must be reviewed for approval, and must be deemed to be the equivalent of courses taught at Mechanicsburg High School or comparable to a required credit to be acceptable if the course will also be used to fulfill a HS requirement. It is possible and more likely probable that a sequence of courses would be necessary to meet the requirements of a high school course.
- ❖ College credit will be converted to high school credit in the following manner:
 - 5 semester hours = one unit of credit
 - 3 semester hours = .50 credit
 - 7.5 quarter hours = one unit of credit
 - 4 quarter hours = .50 credit
- ❖ Students involved in athletics are responsible for getting signatures and grade updates when athletic eligibility is calculated for Mechanicsburg High School.
- ❖ Core course grades will count toward a student's grade point average and class rank. Elective course grades will not count toward a student's grade point average and class rank.
- ❖ The number of courses a student can take are determined by the number of classes they are taking at the high school. The combination of high school and college classes may not equal a total of more than eight. For example, if a student is taking 3 classes at the high school then they are eligible to take 5 classes on the college level.
- ❖ A student can attend a post-secondary institute either full-time or part-time. Evening and on-line classes are acceptable.

- ❖ Courses taken during the summer term do not qualify under the post-secondary program.
- ❖ Transportation to and from the college is the responsibility of the student/parent.
- ❖ Limited funding may result in the rejection of some students from the program with priority given to upper classmen and students taking courses not offered in the district.

DECIDING TO PARTICIPATE

Before a student decides to participate in the program serious consideration should be made from the following points:

High School Graduation:

- ❖ No high school graduation requirements will be waived for any student as a result of participating in PSEOP
- ❖ Requirements of the Ohio High School Athletic Association must be met in order for the student to participate in high school athletics.
- ❖ **Participation in graduation ceremonies will be denied if graduation requirements have not been met by graduation.**

Scheduling:

- ❖ Participating in this program on a part-time basis a student must schedule classes at both the college and the high school.
- ❖ Yearly schedules and vacation time often are different between the high school and college.
- ❖ **Scheduling conflicts are not the responsibility of the high school.** College classes must be scheduled at a time which does not conflict with courses at the high school.
- ❖ Time conflicts may make it impossible for the student to participate in high school athletics and/or extra-curricular activities.
- ❖ Appropriate college grade reports must be submitted by the student to verify athletic eligibility.

PROGRAM ADVANTAGES

- ❖ Great opportunity to take courses that are not offered at the high school
- ❖ Experience college level work and college life prior to making a final decision about post-secondary education.
- ❖ Take classes that are of your interest.
- ❖ Receiving high school/college credits without paying tuition.

POTENTIAL RISKS AND CONSEQUENCES

- ❖ Increased responsibility for learning.
- ❖ Possibility of increased financial obligations especially if Option A is chosen. Other extras would include: driving costs, special tools, or equipment for a course.
- ❖ Participation may decrease the time available for part-time employment and/or high school activities (athletics, music, clubs, band, etc.)
- ❖ Planning for increased time needed to travel to and from the college and increased time for study.
- ❖ Due to different school year schedules, the student may not be eligible to participate in graduation ceremonies (only if the class is required for graduation.)
- ❖ Scope and content of the college course may differ from high school courses as well as the content of the high school proficiency test.
- ❖ There is no guarantee that the student will get the courses they want.

- ❖ Failing a course could make the student ineligible to participate in school athletics and activities.
- ❖ Should a student fail a course the student/parent will reimburse Mechanicsburg Schools for the amount paid to the college.

ACADEMIC AND SOCIAL RESPONSIBILITES OF STUDENT/PARENT

- ❖ Initiate and carry out all application and enrollment procedures at the college. Application for PSEOP students are different that regular college applications.
- ❖ Notify the guidance counselor of intent to enroll by the deadline of March 30th.
- ❖ Maintain communication with the high school in regard to activities the student desires to participate. (graduation, athletics, extra-curricular activities)
- ❖ Meet attendance requirements at the high school and college.
- ❖ Conform to all school rules and regulations as set forth by policies adopted by the Mechanicsburg EVSD and college.
- ❖ Arrangements for makeup work for any school work missed is the responsibility of the student. Time restraints as a result of participation in the PSEOP are not valid reasons for not making up missed course work.
- ❖ Completion of all sections of the Ohio Graduation Test prior to graduation, which may require adjustments to the student’s schedule during testing weeks in October and March.
- ❖ Counseling will be provided for the student in regard to high school requirements.
- ❖ College counseling services are available for the student/parent for circumstances related to the college.
- ❖ All courses must be approved in advance by the counselor and principal.
- ❖ Before enrolling in a course, the student/parent agreement and enrollment contract must be completed indicating you have received information about the program and are aware of your responsibilities regarding the program.

STEPS TO FOLLOW

- ❖ The student should discuss their plans with parents, counselor, and other post-secondary students.
- ❖ Complete the Enrollment Contract and Student/Parent Agreement and return to the guidance office by March 30th.
- ❖ Meet with the Post Secondary admissions office staff.
- ❖ Complete the necessary college admission and registration forms. Be sure to ask your counselor to send the college an “official” transcript to the college.

WITHDRAWAL

Should a student decide not to participate in the PSEOP program before the end of the term, withdrawal forms from the college must be completed. The student must meet with the high school counselor to develop a new course schedule. Failure to file the necessary forms may result in a failing grade. Students and parents are responsible for the cost of the course if the student receives a failure or has withdrawn after the deadline for reimbursement without penalty.

CONCLUSION

The student needs to think carefully about the advantages and disadvantages of the program before deciding to participate in this exciting, yet demanding program.



MECHANICSBURG HIGH SCHOOL
POST-SECONDARY ENROLLMENT
OPTIONS PROGRAM

STUDENT/PARENT AGREEMENT

I have received notification from the school regarding my opportunity to participate in the Post-Secondary Enrollment Options Program. I have met with school officials to receive further information on the program. During this session, the following topics were discussed:

1. Program Eligibility
2. Enrollment Options/Scheduling
3. Grading/Credit/Graduation Requirements
4. Financial/Transportation Arrangements/Obligations
5. High School/College Counseling Services Available
6. Academic/Social Responsibilities of Students
7. Potential Benefits/Risks of Participation

I intend to participate in the Post-Secondary Enrollment Options Program and I agree to follow the enrollment procedures established by the high school and the college/university of which I am applying. I understand that it is my responsibility to notify my school if I do not gain post-secondary admission or fail to participate for some other reason.

Student Name (PRINT)

Student's Signature

Parent/Guardian Signature

Date

Street Address

Home Phone

City/State/Zip

Please submit this form to your high school guidance counselor no later than the last work day of March. Failure to meet this deadline may result in a student being declared ineligible to participate in the Post-Secondary Enrollment Options Program.



MECHANICSBURG HIGH SCHOOL **POST-SECONDARY ENROLLMENT CONTRACT**

- To be read and completed by the student enrolling in the Post-Secondary Options program, parent/guardian of student, and the student's school counselor.
 - This form is to be returned to the school counselor.
 - A copy of this form should be completed for each course taken as part of the Post-Secondary Options program.
-

Student Name: _____

Student Social Security Number: _____

Address: _____ Zip: _____

Phone: _____ Parent/Guardian: _____

Please check option choice: OPTION A _____ OPTION B _____

Option A: (College Credit) Students may choose at the time of enrollment to receive college credit and not to receive credit for graduation from high school. Under this option, the student must pay tuition and fees established by the college or university and must pay for textbooks and materials.

Option B: (High School/College Credit) Students may choose at the time of enrollment to receive both high school and college credit. Colleges and universities enrolling student under Option B will be reimbursed each July as determined by an established formula for tuition, fees, textbooks and materials.

Name of College/University: _____

Beginning Date: _____ Ending Date: _____

Course Title: _____

Course No.: _____ Course Section: _____

College Credit Value: _____ Qtr Hrs: _____ Sem. Hrs: _____

Course Meets: Circle appropriate days: M T W TH F Time: _____

Building: _____ Room No: _____

Professor's Name: _____

High School Credit Value for Option B:

_____ Course counts toward high school elective credit>equals _____ HS unit

OR

_____ Course counts toward high school required credit>equals _____ HS unit

Replaces: _____

(Indicate equivalent high school course)

CONDITIONS OF PROGRAM PARTICIPATION

1. Student meets program eligibility requirements.
2. Student/parent/guardian as followed procedures established by high school/college for enrollment.
3. Student/parent/guardian understand/agree to assume all expenses for program participation under Option A.
4. Student/parent/guardian understand/agree to assume all expenses should program not be completed under Option B.
5. Student/parent/guardian agree to assume responsibility for transportation, and if eligible, to apply for reimbursement through the established procedures.
6. Student/parent/guardian agrees to the credit/subject/grade information on Post-Secondary Enrollment Contract.
7. Student/parent/guardian understands that credit earned at one institution may not transfer to another.
8. Completion of course and receipt of official college transcript must take place prior to high school graduation date in order for student to participate in graduation ceremony.
9. Student/parent/guardian understands that withdrawal from any Post-Secondary Option course does not insure re-enrollment in a similar course at the high school. This especially pertains to year-long courses or courses required for graduation.

Student Signature

Parent/Guardian Signature

Date

School Counselor

Date

School Principal

COLLEGE PREPATORY INFORMATION

Requirements – for all incoming students 2010-2011 and beyond

The Ohio Board of Regents established the following minimum Core Curriculum guidelines for conditional admission to state supported universities. Each university has the option to modify these recommendations to fulfill program and student needs.

The recommendations are: English - 4 Credits Mathematics - 4 Credits Social Sciences - 3 Credits
 Natural Sciences - 3 Credits Foreign Language - 2 Credits
 Visual or Performing Arts - 1 Credit

Please consult the university bulletin for the specific program requirements.

High school ACT and SAT scores, grades, and class rank are extremely important when applying for admission to college. Class rank is determined by a student's grade point average for all four years of high school work and is a comparison with that of all other classmates.

Student Athletes

A student entering a NCAA or NAIA institution must successfully complete core courses and must achieve a minimum grade point average in the core curriculum as well as achieve a minimum required score on either the ACT or SAT to be eligible for institutional financial aid and to practice with and compete on an intercollegiate athletic team during their first year of collegiate attendance. Interested students should talk with their coach and/or the guidance counselor to obtain complete information.

Scholarship and Financial Aid Information

Many scholarships are sponsored by local groups of the greater Mechanicsburg/Champaign County area. Many corporations, organizations, and colleges sponsor various scholarships.

Financial aid programs are also available to eligible students. All students must complete the Free Application for Federal Student Aid (FAFSA) prior to applying for any financial aid from any college or tech-school. This form should be completed as soon as a family has completed their tax information in January of student's senior year in high school.

Students considering attending a two- or four-year college or technical school should explore scholarships and/or financial aid opportunities with the counselor during their senior year of high school.

HIGH SCHOOL COURSE SELECTIONS

*Fees listed with the course descriptions are meant to serve as a guideline only. Fees are subject to change.
Some grade levels are required while others are recommended.*

Agriculture Course Selections

Agricultural science courses will address the following life science benchmarks: Explain how humans are connected to and impact natural systems, Explain how the molecular basis of life and the principles of genetics determine inheritance, Explain the interconnectedness of the components of a natural system, Explain how human choices today will affect the quality and quantity of life on earth, Summarize the historical development of scientific theories and ideas within the study of life science. Themes embedded in all courses include: Biotech, business, engineering, food science and natural resources.

2605 Agriculture Food & Natural Resources Year Course Grades: 9, 10, 11, 12
Prerequisite: None Credit: 3/4 Unit + 1/2 Life Science Unit = 1.25

This is the first course in the Agricultural and Environmental Systems career field. It introduces students to the pathways that are offered in the Agricultural and Environmental Systems career field. As such, learners will obtain fundamental knowledge and skills in food science, natural resource management, animal science & management, plant & horticultural science, power technology and biotechnology. Students will be introduced to the FFA organization and begin development of their leadership ability. Students must participate in a minimum of one FFA event per quarter. A \$25.00 fee is required and includes FFA membership and some lab supplies.

2606 Principles of Agricultural Science Animal Year Course Grades: 10, 11, 12
Prerequisite: Agriculture, Food & Natural Resources Credit: 3/4 Unit + 1/2 Life Science Unit = 1.25

The course is structured to enable all students to have a variety of experiences that will provide an overview of the field of agricultural science with a foundation in animal science so that students may continue through a sequence of courses through high school. Students will explore hands-on projects and activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists, such as veterinarians, zoologists, livestock producers, or industry personnel face in their respective careers. In addition, students will understand specific connections between the Animal Science lessons and Supervised Agricultural Experience and FFA components that are important for the development of an informed agricultural education student. Students will investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community. Students must participate in a minimum of one FFA event per quarter. A \$25.00 fee is required and includes FFA membership and some lab supplies.

2610 Principles of Agricultural Science Plant Year Course Grades: 10, 11, 12
Prerequisite: Agriculture Food & Natural Resources Credit: 3/4 Unit + 1/2 Life Science Unit = 1.25

The course is structured to enable all students to have a variety of experiences that will provide an overview of the field of agricultural science with a foundation in plant science so that students may continue through a sequence of courses through high school. Students will work in teams, exploring hands-on projects and activities, to learn the characteristics of plant science and work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers and producers, and plant research specialists face in their respective careers. In addition, students will understand specific connections between the Plant Science lessons and Supervised Agricultural Experience and FFA components that are important for the development of an informed agricultural education student. Students will investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community. Students must participate in a minimum of one FFA event per quarter. A \$25.00 fee is required and includes FFA membership and some lab supplies.

2611 Animal Nutrition Health & Reproduction Year Course Grade: 11, 12
Prerequisite: Principles of Ag Science Animal Credit: 3/4 Unit + 1/2 Life Science Unit = 1.25

Learners will apply principles of nutritional management for various classes of animals. Learners will analyze nutritional content/quality of feeds; formulate rations; develop feeding recommendations; identify deficiency symptoms and implement corrective methods as needed. Care/management plans are developed that reflect the classification of animals and follows best practices and legal compliance. Learners will monitor/evaluate the quality of animal habitats and estimate carrying capacity as it

1141 Yearbook **Year Course** **Grades: 10, 11, 12**
Prerequisite: Computer Applications & Instructor's Permission **Credit: 1.0**

This will be an entry level course that introduces various aspects of preparing the MHS Yearbook. Students will experience yearbook topics as they relate to computer software, advertising, finance, and the collection of yearbook information and pictures. Enrollment is limited to no more than fifteen students.

English Course Selections

Students will have summer reading requirements for all English courses, with a fall examination. Students will be completing one major writing project per year.

1345 English 9 **Year Course** **Grades: 9**
Prerequisite: None **Credit: 1.00**

English 9 is a course based on Common Core State Standards for English Language Arts-ninth grade, and ACT Core Curriculum. It is designed to define college and career readiness expectations for Reading of literature and informational text, Writing, Language, and Listening and Speaking. Common Core State Standards are based on Topics and supporting Standard Statements. Students will use technological and research skills to develop narrative, persuasive and informational writing pieces, with a focus on narrative writing in the 9th grade. Test taking skills will be introduced to assist students with the OGT, PLAN, PSAT, ACT, SAT, or other forms of assessment. A \$16.00 fee is required for summer reading and other outside novels.

1375 English 10 **Year Course** **Grades: 10**
Prerequisite: English 9 **Credit: 1.00**

English 10 is a course based on Common Core State Standards for English Language Arts-tenth grade, and ACT Core Curriculum. It is designed to define college and career readiness expectations for Reading of literature and informational text, Writing, Language, and Listening and Speaking. Common Core State Standards are based on Topics and supporting Standard Statements. Students will use technological and research skills to develop narrative, persuasive, and informational writing pieces, with a focus on persuasive writing in the 10th grade. Test taking skills will be introduced to assist students with the OGT, PLAN, PSAT, ACT, SAT, or other forms of assessment. A \$16.00 fee is required for summer reading and other outside novels.

1405 English 11 **Year Course** **Grades: 11**
Prerequisite: English 10 **Credit: 1.00**

English 11 is a course based on Common Core State Standards for English Language Arts-eleventh grade, and ACT Core Curriculum. It is designed to define college and career readiness expectations for Reading of literature and informational text, Writing, Language, and Listening and Speaking. Common Core State Standards are based on Topics and supporting Standard Statements. Students will use technological and research skills to develop narrative, persuasive and informational writing pieces, with a focus on informational writing in the 11th grade. Test taking skills will be introduced to assist students with the ACT, SAT, or other forms of assessment. A \$16.00 fee is required for summer reading and other outside novels.

1425 English 12 **Year Course** **Grade: 12**
Prerequisite: English 11 **Credit: 1.00**

English 12 is a course based on Common Core State Standards for English Language Arts-twelfth grade, and ACT Core Curriculum. It is designed to define college and career readiness expectations for Reading of literature and informational text, Writing, Language, and Listening and Speaking. Common Core State Standards are based on Topics and supporting Standard Statements. Students will use technological and research skills to develop narrative, persuasive and informational writing pieces, with a focus on persuasive writing in the 12th grade. Test taking skills will be introduced to assist students with the ACT, SAT, or other forms of assessment. A \$16.00 fee is required for summer reading and other outside novels.

Summer Reading Selections

All students enrolled in English 9-12 during the 2011-2012 academic year are required to read 1 book over the summer of 2010, with a choice of either a fiction or nonfiction selection. Mechanicsburg Exempted Village School District believes that summer reading is a worthwhile endeavor, and summer reading serves as an important extension of the high school curriculum. A study conducted by the

National Council for the Arts found that homes with 10 or more books had a profound influence on how children do in school (Allyn 2009). Reading 4 to 5 books during the summer is potentially powerful enough to prevent a decline in reading achievement from spring to fall (Kim, 2004).

There will be a common assessment in each grade level that must be completed within the first week of school on the required readings. Summer Reading will be treated as a formative assessment, with students retaking the assessment until they demonstrate mastery with is an 80% or higher. Student performance will also be tied to the P2P program. Books will be purchased by the High School and distributed to students during the last week of class. A student fee will be assessed to cover the cost of the book.

9th Grade Reading Selections: Deadline (f) or The Seven Habits of Highly Effective Teams (nf)

10th Grade Reading Selections: The Disreputable History of Frankie Landau Banks (f) or What Color is Your Parachute (nf)

11th Grade Reading Selections: The Good Thief (f) or The Devil in the White City (nf)

12th Grade Reading Selections: Never Let Me Go (f) or The Glass Castle (nf)

NEW Intro to Reading Instruction Year Course Grade:11,12
Prerequisite: Junior or Senior students Credit: 1.00

This course is designed to provide an introduction to a career in Education, focusing specifically on reading instruction strategies. Students completing this course will have job embedded practice, working on reading strategies with younger students 2 hours (4 days) a week. Enrolled students will also use the 5th class day for reflection and journaling with specific teacher feedback.

Foreign Language Course Selections

1645 Spanish I Year Course Grades: 9, 10, 11, 12
Prerequisite: None Credit: 1.00

This course is based on the Ohio Foreign Language Academic Content Standards of communication, cultures, and connections. Spanish I is presented as a basal program featuring balanced representation of the four language skills (reading, writing, speaking and listening) and in-depth multi-cultural treatment of the Spanish-speaking world. Practice material is always situational and suits a wide range of student ability levels. A \$12.00 workbook fee is required for this course.

1646 Spanish II Year Course Grades: 10, 11, 12
Prerequisite: Spanish I Credit: 1.00

Spanish II is a continuation of Spanish I and is also based on the Ohio Foreign Language Academic Content Standards of communication, cultures, and connections. The four language skill areas and cultural activities flow together in such a way that makes teaching and learning Spanish more effective. Sound skills coverage is combined with a lively, colorful design format to stimulate students' interest and motivation. A \$12.00 notebook/workbook fee is required for this course.

1647 Spanish III Year Course Grades: 11, 12
Prerequisite: Spanish II Credit: 1.00

Spanish III provides students with the opportunity to perfect their learning of the Spanish language by continuing the study of grammar. This course continues studies based on the standards of communication, cultures, and connections, but also focuses on the academic content standards of comparisons and communities. The skills of reading and writing are introduced in the literature text. Emphasis is on vocabulary building, translating and writing their own ideas about a variety of topics based on present-day subjects of broad appeal to students. A \$12.00 notebook/workbook and/or a diary fee are required for this course.

1648 Spanish IV Year Course Grade: 12
Prerequisite: Spanish III Credit: 1.00

Spanish IV provides students with the opportunity to refine his/her reading, writing, and speaking ability in the Spanish Language. This course continues studies based on the standards of communication, cultures, and connections, but also focuses on the academic content standards of comparisons and communities. There will be added emphasis on writing essays, short stories, and summaries of reading passages. There will also be Spanish literature and Spanish culture presented to prepare students for college level Spanish. A \$6.50 diary fee for the reissue of tape manual and the continued use of the notebook/workbook from Spanish III are required for this course.

NEW Honors/AP Spanish	Year Course	Grade: 11, 12
Prerequisite: Spanish II or Spanish III		Credit: 1.25

AP Spanish provides students with the opportunity to perfect their learning of the Spanish language by continuing the study of grammar, reading, writing and speaking. This course continues studies based on the standards of communication, cultures, and connections, but also focuses on the academic content standards of comparisons and communities. The skills of reading and writing are introduced in the literature text. Emphasis is on vocabulary building, translating and writing their own ideas about a variety of topics based on present-day subjects of broad appeal to students. There will also be Spanish literature and Spanish culture presented to prepare students for college level Spanish. A \$18.50 notebook/workbook and/or a diary fee are required for this course.

Health and Physical Education Course Selections

1745 Health	Semester Course	Grade: 9 or 10
Prerequisite: None		Credit: 0.50

This class deals with today's physical, mental, social, and intellectual health problems to promote a better understanding of ones self and values and beliefs. Decision making in regard to alcohol, drugs, and tobacco will also be stressed in addition to sex education, first aid, and cardiopulmonary resuscitation.

1750 Physical Education	Semester Course	Grade: 9
1751 Prerequisite: None		Credit: 0.25 Each

This co-ed class will promote the understanding and enjoyment of all sports that will have carry-over value throughout life. Physical fitness will be a strong emphasis throughout the course. Active participation is mandatory in order to receive course credit. Outside activities or trips may require fees. Students are required to pass 1/2 unit (2 semesters) to graduate.

1752 Sport Physical Education	One Athletic Season	Grade: 9, 10, 11, 12
1756		Credit: 0.25 Each

High school students may receive physical education credit for participation on a high school level sports team, cheerleading squad, or the marching band for one complete season. In order for students to fulfill their graduation requirement of 0.50 credit of physical education, students must complete two entire seasons of high school level participation. In order for students to receive proper credit for this course, it is the student's responsibility to have an activity verification form completed and signed by the head coach/advisor and athletic director and turned into the guidance counselor. Students must complete at least 60 hours of active participation during each season, remain eligible for completion, and complete the athletic season. CAUTION: THIS IS A PASS/FAIL COURSE THAT IS DEPENDENT ON VERIFYING PARTICIPATION IN A STUDENT ACTIVITY. IT IS THE RESPONSIBILITY OF THE STUDENT/PARENT TO COMPLETE THE PE EDUCATION WAIVER INTENT (pg 28), COLLECT SIGNATURES FROM THE COACH/ADVISOR, AND TURN IN WITH THE COURSE REQUEST FORM TO THE COUNSELOR.

Industrial Technology Course Selections

1825 Industrial Technology	Year Course	Grades: 9, 10, 11, 12
Prerequisite: None		Credit: 1.00

This class will cover technological systems and products in manufacturing facilities: focusing on basic mechanical drawing, materials and processes including woods, metals and electricity. Skills learned in this course include but are not limited to applying technological knowledge in decision making, interpreting/evaluating the influence of technology throughout history, and determining an evaluative process to all information sources chosen for a project. Lab safety will be stressed and students will be required to pass a lab safety test in order to work in the lab. Problem solving will be a focus of this class. A \$10.00 fee is required for this course.

1826 Advanced Industrial Technology	Year Course	Grades: 10, 11, 12
Prerequisite: Industrial Technology		Credit: 1.00

This class will deal with mass production (assembly line production), power mechanics, and lab safety. Skills learned in this course include but are not limited to examining the synergy between and among technologies and other fields of study when solving technological problems, forecasting the impact of technological products and systems, and classifying, demonstrating, and examining manufacturing technologies. Students will be required to pass a lab safety test in order to work in the lab. Problem solving will be a focus. A \$15.00 fee is required for this course.

1915 Industrial Tech. Digital Photography Year Course
Prerequisite: Appropriate Grade Level

Grades: 11, 12
Credit: 1.0

This graphic arts class will cover and broaden the essentials in composition, lighting, camera usage and related computer software applications. Skills learned in this course include but are not limited to identifying, selecting and applying appropriate technology tools and resources to produce creative works and to construct technology-enhanced models and applying appropriate communication design principles in published and presented projects. Cameras will be available for use at school. Access to a camera for photos outside of school is recommended. A \$30.00 fee is required for this course.

Mathematics Course Selections – 4 courses required for Honors Diploma including Alg II and a higher level course

Seven Math Courses are offered for 9th-12th Grade Students

Math course selection should be made based on student performance in the classroom, performance on achievement tests, diagnostics, and teacher recommendation. Attendance and other factors will be considered.

Students will not request math courses. Placement will be based on classroom and state testing data.

A calculator will be required for all math classes. A student fee will be charged when taking Algebra I that will cover the cost of the calculator. The calculator will then be the property of the student for their remaining math classes.

****** Algebra I-A Year Course Grade 9**
Prerequisite: Student data indicating math as an area of need Credit: 1.00
Teacher Placement

This course is especially designed for those students who would benefit from an Algebra I course that deepens the understanding of difficult concepts over a longer time frame. The fundamental purpose of this course is to formalize and extend the mathematics that students learn in the middle grades. The course is based on the Common Core State Standards for Mathematics. The emphasis in this course is on a gradual, thorough approach to algebra, with an introduction to some basic concepts in geometry. Algebra A is the first of a two year sequence. A \$16.00 student fee is required.

****** Algebra I-B Year Course Grade 10**
Prerequisite: Student data indicating math as an area of need Credit: 1.00
Teacher Placement

This course is especially designed for those students who would benefit from an Algebra I course that deepens the understanding of difficult concepts over a longer time frame. The fundamental purpose of this course is to formalize and extend the mathematics that students learn in the middle grades. The course is based on the Common Core State Standards for Mathematics. This course completes the curriculum in a standard Algebra I course, while continuing to introduce basic concepts of geometry. Algebra B is the second year of a two year sequence.

2046 Algebra I Year Course Grades: 9
Prerequisite: Teacher Placement Credit: 1.00

The fundamental purpose of this course is to formalize and extend the mathematics that students learn in the middle grades. The course is based on the Common Core State Standards for Mathematics. Algebra I is centered around 5 critical areas including Relationships between Quantities and Reasoning with Equations; Linear and Exponential Relationships; Descriptive statistics; Expressions and Equations; and Quadratic functions and Modeling. A \$16.00 student fee is required.

2048 Geometry **Year Course** **Grades: 9, 10, 11, 12**
Prerequisite: Teacher Placement **Credit: 1.00**
 The fundamental propose of the course in Geometry is to formalize and extend students’ geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The course is based on the Common Core State Standards for Mathematics. Geometry is centered around 6 critical areas including Congruence, Proof and Constructions; Similarity, Proof and Trigonometry; Extending to Three Dimensions; Connecting Algebra and Geometry through Coordinates; Circles with and without Coordinates; and Applications of Probability.

2050 Algebra II **Year Course** **Grades: 10, 11, 12**
Prerequisite: Teacher Placement **Credit: 1.00**
 Building on their work with linear, quadratic and exponential functions, students extend their understanding of functions in include polynomial, rational, and radical functions. The course is based on the Common Core State Standards for Mathematics. Algebra II is centered around 4 critical areas including Polynomial, Rational, and Radical Relationships; Trigonometric Functions; Modeling with Functions; and Inferences and Conclusions from Data.

2052 Pre-Calculus **Year Course** **Grades: 11, 12**
Prerequisite: Teacher Placement **Credit: 1.00**
 Pre- Calculus is a course based on advancing the Common Core standards for mathematics and ACT Quality Core standards. This is a weighted course that places emphasis upon linear & quadratic functions, polynomial functions, exponents & logarithms, conics, and trigonometry.

***This course is approved as a dual enrollment course through Clark State for 5 quarter hours. A minimum of \$45.00 student fee will be assessed for any student applying to Clark State for college credit.**

2053 Advanced Placement Calculus **Year Course** **Grades: 12**
Prerequisite: Teacher Placement **Credit: 1.00**
 Advanced Placement Calculus is a course based on advancing the Common Core standards for mathematics and ACT Quality Core standards. This is a weighted course that introduces college level calculus. Students could receive advanced status in college either by taking the Advanced Placement Test or a college placement test. Topics studied are: differentiation, integrations, and the application of each of these. A graphing calculator is required. Student is required to take the AP exam in order to receive weighted credit. A \$10 student fee is required.

****** Senior Level Math** **Year Course** **Grades: 12**
Prerequisite: Teacher Placement **Credit: 1.00**

This course is especially designed for those students who would benefit from continued math exposure and practice before entering college. This course deepens the understanding of difficult concepts covered in Algebra I and II in addition to skills necessary for an introductory college level math class. The course is based on the Common Core State Standards for Mathematics.

Music Course Selections

2210 High School Band **Year Course** **Grades: 9,10,11,12**
Prerequisite: JH Band or Director approval **Credit: 1.25**
 Students who enroll in the High School Band make a commitment to summer, after school, and weekend activities in addition to the regular classroom requirements. Students need to have the ability to play a musical instrument, and be willing to perform in a wide range of capacities, including marching. Activities include, but are not limited to: concerts, football games, pep band, parades, field trips, tours, solos and ensembles, and other performing or educational events. High School Band students will be asked to respond to conducting gestures as they relate to music being performed, articulate personal philosophies regarding music, explain how different people can have different musical preferences, and develop a deeper understanding of the language of music. Any schedule conflicts must be addressed prior to occurrence to be excused. Due to the nature of this class, the director reserves the right to remove any student whose attitudes and/or behaviors are not aligned with the interests of the ensemble.

2314 Varsity Singers Year Course Grades 9,10,11,12
Prerequisite: Director Approval Credit: 1.00

The Choir is designed to allow music students to refine their vocal music skills and broaden their knowledge of musical concepts, styles and techniques. Basic as well as advanced musical concepts will be reinforced through the preparation and performance of varied and increasingly difficult musical selections. Additionally, an emphasis will be placed on both technical and stylistic accuracy as well as analysis and self-evaluation. Students will be required to participate in concerts outside of regular school hours. Any schedule conflicts must be addressed prior to occurrence to be excused. Due to the nature of this class, the director reserves the right to remove any student whose attitudes and/or behaviors are not aligned with the interests of the ensemble.

2311 Classical Guitar Year Course Grades: 9,10,11,12
Prerequisite: Instructor Approval Credit: 1.00

The Classical Guitar Class will present a logical progression of concepts and skills for gradual development of classical style guitar playing. Music theory will be introduced through the use of familiar melodies and note reading. Curriculum includes music from other cultures, recognizing clef, time signature, key signature, tempo, dynamics, and note values. Semester exams are performing as an ensemble at the appropriate band/choir concert. Any schedule conflicts must be addressed prior to occurrence to be excused. Due to the nature of this class, the director reserves the right to remove any student whose attitude and/or behavior is not aligned with the interests of the ensemble.

2325 Beyond Music I and II Year Course Grades: 9,10,11,12
Prerequisite: None Credit: 1.0

This course will work with the mechanics and background of our modern music scene. It will delve in to theory, composition, history, theatre, many different genres, foreign music, modern music, pop music and as many topics "beyond music" as possible.

On Line Course Selections

All on line courses will be completed in the tech lab during the school day but can be accessed via the web anytime.

9013 A+ Computer Assisted Instruction Semester Course Grades: 9,10,11,12
Prerequisite: Required for 11th/12th gr. students yet to pass the OGT Credit: 0.50

This course focuses on providing computer assisted instruction based on scientific research as a means for preparing students to be career ready. Students may take a formative assessment at the beginning of the course which will identify low individual skill areas based on the Ohio Academic Content Standards. The program will then prescribe lessons to students in order to build skills. Along with OGT preparation, the course offers students the opportunity to study subjects not offered in traditional teacher led classrooms with focus on ACT core curriculum. Students can choose from the following core and elective courses once all sections of the OGT are completed:

Anthropology	Art Appreciation	Advanced Health	Humanities I & II
Lifetime Fitness	Career Essentials	Trigonometry	Physics
Calculus	Civics	US Geography	World Geography

Online Advanced Placement Courses: Students have the opportunity to complete a variety of Advanced Placement (AP) courses through online vendors. The content of these courses is determined by the College Board and supported with textbooks and online instructors. Students who score well on AP exams may be awarded college credit. Colleges look favorably upon courses designated as AP since these courses represent more rigorous content. Information regarding online AP courses can be obtained from the guidance department.

Science Course Selections-4 courses required for Honors Diploma including Physics and Chemistry

2400 Comprehensive Science Year Course Grade 9
Prerequisite: None Credit: 1.00

Comprehensive Science is a course based on the Ohio Science Content Standards and fulfills the Ohio Core requirement for physical science. In this course students will advance studies in the following standards: earth and space science, physical science, science and technology, scientific inquiry, and scientific ways of knowing. By the conclusion of this course students will be able to describe the finite nature of Earth's resources and those human activities that can conserve or deplete Earth's resources, explain how energy may

change form or be redistributed but the total quantity of energy is conserved, trace the historical development of scientific theories and ideas, and describe emerging issues in the study of physical science. A \$10.00 lab fee is required.

2445 Biology **Year Course** **Grades: 10**
Prerequisite: Comprehensive Science **Credit: 1.00**

Biology is a course based on the Ohio Science Content Standards and ACT Core Curriculum and fulfills the Ohio Core requirement for life science. In this course students will advance studies in the following standards: life science, science and technology, scientific inquiry, and scientific ways of knowing. By the conclusions of this course students will be able to describe how human activities can impact the status of natural systems, summarize the historical development of scientific theories and ideas, and describe emerging issues in the study of life science, and explain that scientific knowledge must be based on evidence, be predictive, logical, subject to modification, and limited to the natural world. Extensive laboratory activities, dissections, and a research paper will be part of this course. A \$13.00 laboratory fee is required.

2401 Advanced Biology (CP Biology) **Year Course** **Grades: 10**
Prerequisite: 'B+' in Comprehensive Science, or score of advanced **Credit: 1.00**
or accelerated on Science Achievement Test, and an 'A' in Science 8

Advanced Biology is a course that accelerates the Ohio Science Content Standards and fulfills the Ohio Core requirement for life science. The primary difference between this course and Biology is the manner of presentation of subject material and the depth of instruction. In this course students will advance studies in the following standards: life science, science and technology, scientific inquiry, and scientific ways of knowing. By the conclusions of this course students will be able to describe how human activities can impact the status of natural systems, summarize the historical development of scientific theories and ideas, and describe emerging issues in the study of life science, and explain that scientific knowledge must be based on evidence, be predictive, logical, subject to modification, and limited to the natural world. Extensive laboratory activities, dissections, and a research paper will be part of this course. A \$17.00 laboratory fee is required.

2455 Chemistry **Year Course** **Grades: 11, 12**
Prerequisite: Biology **Credit: 1.00**

Chemistry is a course that accelerates the Ohio Science Content Standards and ACT Core Curriculum and fulfills the Ohio Core requirement for advanced study in physical science. In this course students will advance studies in the following standards: physical science, science and technology, scientific inquiry, and scientific ways of knowing. By the conclusion of this course students will be able to describe that matter is made of minute particles called atoms and atoms are comprised of even smaller components, describe the identifiable physical properties of substances, explain how changes in physical properties can occur without changing the chemical nature of the substance, and explain how variations in the arrangement and motion of atoms and molecules form basis of a variety of biological, chemical, and physical phenomenon. Extensive math and laboratory activities and research are a part of this course. A calculator is required as is a \$20 laboratory fee.

2456 Human Anatomy & Physiology **Year Course** **Grades: 11, 12**
Prerequisite: Biology **Credit: 1.00**

Human Anatomy and Physiology is a course that advances the Ohio Science Standards and fulfills the Ohio Core requirement for advanced study in life science. In this course students will continue studies in the following standards: life science, science and technology, scientific inquiry, and scientific ways of knowing. By the conclusions of this course students will be able to explain how processes at the cellular level affect the functions and characteristics of an organism, explain how the molecular basis of life and the principles of genetics determine inheritance, and make appropriate choices when designing and participating in scientific investigations by using cognitive and manipulative skills when collecting data and formulating conclusions from the data. Extensive laboratory activities, dissections, and research are a part of this course. A \$36.00 lab fee is required. Student fees include a field trip to see knee surgery.

***This course is approved as a dual enrollment course through Clark State for 5 quarter hours. A minimum of \$45.00 student fee will be assessed for any student applying to Clark State for college credit.**

2475 Physics **Year Course** **Grades: 11, 12**
Prerequisite: Concurrently enrolled in Algebra II or **Credit 1.00**
Completed Algebra II, Chemistry

Physics is a course that accelerates the Ohio Science Standards and fulfills the Ohio Core requirement for advanced study in physical science. In this course students will advance studies in the following standards: physical science, science and technology, and scientific inquiry. By the conclusion of this course students will be able to demonstrate that waves (i.e. sound, seismic, water, and

light) have energy and can transfer energy when they interact with matter, apply principles of forces and motion to mathematically analyze, describe and predict the net effects on objects or systems, and explain how scientific evidence is used to develop and revise scientific predictions, ideas, or theories. This is a weighted course that requires a scientific calculator, extensive laboratory work, and research. A \$10.00 laboratory fee is required.

2407 Forensics **Semester Course** **Grades: 11, 12**
Prerequisite: Biology **Credit: 0.50**

Forensic Science for High School is an introductory forensic science course that focuses on practices and analysis of physical evidence found at crime scenes. The fundamental objective is to teach the basic processes and principles of scientific thinking and apply the scientific method to solve problems that are not only science related, but also cross curricular in nature. Forensic Science provides a natural opportunity for students to practice scientific inquiry. This is a hands-on course with multiple opportunities for lab work. A \$26.00 lab fee is required which include a field trip to see an autopsy.

2405 Oceanography/Zoology **Semester Course** **Grades 11, 12**
Prerequisite: Earned Credits in both Physical and Life Science **Credit: 0.50**

Oceanography/Zoology is a course that advances the Ohio Science Standards and fulfills ½ of the Ohio Core requirement for advanced study in life science. Students taking this course will also need to complete at least ½ credit of advanced science study to fulfill the requirements for Ohio Core. In this course students will continue studies in the following standards: life science, Earth and space science, science and technology, scientific inquiry, and scientific ways of knowing. By the conclusion of this course students will be able to explain how natural selection and other evolutionary mechanisms account for the unity and diversity of past and present life forms, explain how processes at the cellular level affect the functions and characteristics of an organism, and explain how societal issues and considerations affect the progress of science and technology. This course may also be taken as an upper level elective. A \$10.00 lab fee is required.

Social Study Course Selections-4 courses required for Honors Diploma

2540 World History **Year Course** **Grades: 9**
Prerequisite: None **Credit: 1:00**

World History is a course that is based on the Ohio Social Studies Standards and presents a perspective of American History within the realm of world events. By the conclusion of this course students will be able to describe the effects of interactions among civilizations during the 14th and 18th centuries, explain the social, political, and economic effects of industrialization, analyze the reasons that countries gained control of territory through imperialism and the impact on people living in the territory that was controlled, and describe the characteristics of feudal societies and the transition to Renaissance and Reformation in Europe.

2535 American History **Year Course** **Grades: 10**
Prerequisite: World History **Credit: 1.00**

American History is a course that is based on the Ohio Social Studies Standards and develops an interest in the world by providing a geographic and historical emphasis on world societal development. By the conclusion of this course students will be able to describe the political and social characteristics of early civilizations and their enduring impact of later civilizations, identify major historical patterns in the domestic affairs of the United States and explain their significance, explain the role of diverse cultural institutions in shaping American Society, and identify connections between government policies and the economy.

2525 Government/Economics **Year Course** **Grade: 11**
Prerequisite: American and World History **Credit: 1.00**

This course is based on Ohio Academic Content Standards for Social Studies in Government and Economics with a focus on indicators from grades 9-12. Students will use knowledge of the purposes, structures, and processes of political systems at the local, state, national, and international levels to understand that people create systems of government as structures of power and authority. Those structures provide order, maintain stability and promote general welfare. Students will study the historic roots of the political system and how it has changed over time. Students will be analyzing current events and recent history and apply the knowledge to become active and effective citizens. Students will learn to use economic reasoning skills and knowledge of major economics concepts, issues and systems in order to make informed choices as producers, consumers, savers, investors, workers, and citizens in an independent world. This course will fulfill the Ohio Core Financial Literacy requirement that mandates all students receive instruction

in financial decision making, budgeting, banking, saving and effective use of credit. Students will apply knowledge and skills to real life learning situations throughout the semester course.

2575 Psychology/ Sociology
Prerequisite: None

Year Course

Grades:11, 12
Credit: 1.0

Psychology is the study of human behavior. Subjects include the science of psychology, its nature, human development from infancy to old age, study of abnormal behavior, and humanistic psychology. This course is consistent with the Ohio Social Studies Academic Content standard for the study of individual development and identity. Sociology is the study of groups, communities and societies. The process of socialization, norms, folkways and mores, scientific research, social behavior, social institutions, culture, population, minorities, and changes to the informal and formal structure of society are explored in depth. Students apply research strategies to the detailed examination of sociological data and statistics from numerous studies by various United States federal agencies as they work through a series of study units. This course is consistent with the Ohio Social Studies Academic Content standard for the study of individuals, groups, and institutions.

Intervention Course Selections

2705 Freshman Study
Prerequisite: None

Year Course

Grade: 9

Systemic, timely, and directive intervention is a priority for Mechanicsburg High School. Providing a successful and supportive High School experience is the goal. All freshmen considered at risk based on spring OAA data, final grades, and other district benchmark data will have an intervention period built into their schedule. This period will serve as a “no new instruction” period, where freshman have access to their core teachers in reading, math, science, and social studies. Based on student data, students will receive extra time to master grade level skills in their most needy areas. Students will also have the opportunity to ask follow up questions and clarification on student work and projects.

2710 Guided Study
Prerequisite: None

Semester Course

Grade: 10

Students who are not at benchmark (have not passed a core course in the previous year or are failing a core course at the semester break) will be assigned a guided study course which will provide additional support to master content specific skills. This course will utilize content teachers from reading, math, and social studies.