

MANSFIELD CHRISTIAN SCHOOL



SECONDARY SCHOOL ACADEMIC HANDBOOK

2020-2021

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CLASS RANK

1. Students are ranked at the end of their junior year, at the end of the first semester of their senior year, and are given a final rank at the end of the second semester of their senior year.
2. A student's grade point average will be rounded off to the nearest hundredth.
3. No grades obtained through home school programs, accredited or non-accredited, or non-chartered private schools will be used in determining rank. Transfer students who come to Mansfield Christian from this type of school must complete the junior and senior years in our classroom setting in order to be ranked.
4. Student ranking does not apply to students enrolled in the Independent Studies program.
5. Any student currently enrolled in MCS who desires to take either an online or summer school course must have that course approved by the Guidance Counselor **prior to** enrolling in a course to be sure that course will count toward Mansfield Christian's graduation requirements and class rank.

COLLEGE CREDIT PLUS (CCP) PROGRAM

The State of Ohio makes provision for eligible high school students to take college Credit (CCP) courses. Under this program, the student takes course work for both high school credit and college credit;

Guidelines for CCP Registration

Taking CCP classes is a privilege that is earned and requires hard work to maintain.

1. Students must be admitted by the college of their choice in order to participate in CCP. Students and parents should check the website of the college selected for specific prerequisite grades and/or test scores.
2. Some advanced CCP courses have prerequisite courses and grades. These are determined by the college.
3. According to the rules set forth for CCP by the Ohio Department of Education, should a student drop a CCP class for any reason after the no-fault drop date for that class, **the parent assumes financial responsibility for the class.** The State will not pay for a dropped class, and the parent will be required to reimburse the State for the class. Therefore, please discuss with your student this ramification and make sure that he/she is fully committed to a CCP class before signing up to take it.
4. At the end of each year, the various CCP courses will appear on the student's Mansfield Christian High School transcript. In order to obtain a transcript of college course work and credits, the student must contact the respective college. -
5. Parents must realize that it is the State of Ohio that funds the CCP program and that these funds are not guaranteed.
6. **Read carefully this State of Ohio Policy: "A student or the student's parent will reimburse the State for the amount of State funds paid to a college for a course in which the student is enrolled under CCP if the student does not attain a passing final grade in that course."**
7. **Further CCP information can be obtained through the Ohio Department of Education at <https://www.ohiohighered.org/ccp/students-families>**

NCSC Grading Scale

A	4.00	C	2.00
A-	3.67	C-	1.67
B+	3.33	D+	1.33
B	3.00	D	1.00
B-	2.67	D-	0.67
C+	2.33	F	0.00

Students enrolled in CCP courses will receive a separate grade report at the end of each semester from the coinciding college.

Requesting CCP College Transcripts

It is the responsibility of the student to request a transcript from the college for college credit earned through the CCP program-

COLLEGE VISITS

Guidelines for College Visits:

1. For sophomores, juniors, and seniors, Mansfield Christian will treat a college visit as a "field trip" when the appropriate MCS College Visit Form is completed so that a student is not counted "absent". Appointments with college personnel must also be made by the student.
2. College Visit Permission Forms should be obtained from the secondary school office and properly filled out and signed by MCS administration **prior** to the college visit. Following the visit, parents and a college admissions office counselor must sign the form and students are to return it to the secondary office so that the visit may be recorded as a college visit day (a non-absence).
3. Note: no completed and returned form = absence-

COURSE FAILURE AND REPETITION/CREDIT RECOVERY

Students who fail the following courses must make them up before proceeding to the next grade level: English, Mathematics and Bible. (Example: two English classes cannot be taken concurrently.) Failed courses must be repeated and passed in order to return in the fall. Failed elective courses do not need to be repeated if all graduation requirements are met.

There is a fee for credit recovery courses. The failed grade will count towards the student's GPA.

For any student having academic problems, an appointment should be made with the Guidance Counselor to discuss tutoring, summer school, or online make-up coursework. There is a fee for repeating a course online if taken through MCS during the summer, or during the school year.

CREDIT FLEXIBILITY PLAN

The State of Ohio allows school districts to develop alternative programs whereby students may earn units of high school credit based on a demonstration of subject area competency, instead of or in combination with completing hours of classroom instruction.

Application

Any student may apply for high school credit to be awarded through Credit Flexibility. The student must submit an application on the MCS **Credit Flexibility Application** form. All required information must be provided. The student may be required to provide supporting documentation as determined by the Guidance Counselor and/or Principal. Applications are due one month before scheduling.

Review of Application

The Principal will review the application. The student is responsible for locating and/or identifying a mutually acceptable course of study or educational program not offered in the school to earn a desired credit. **The course of study or education program must meet the Ohio Academic Content Standards-** Upon approval of a completed application, the student may proceed with the learning activity and credit will be awarded when all requirements are completed and evaluated-

Awarding Credit

A student may be eligible to receive credit upon satisfactory completion of the alternative coursework, activity, assessments, and/or performances as required by the Principal or designee. Approved credit awarded through this policy will be posted on the student's transcript and counted toward the student's grade point average (GPA) and as graduation credit in the related subject area or as an elective.

The following standards and guidelines apply to awarding credit:

1. The total number of credits that may be awarded is not limited.
2. The successful completion of a preapproved course may result in credit being designated as fulfilling either required or elective credit toward graduation requirements.
3. All courses must be biblically integrated.
4. All courses, as applicable, must be aligned to the Ohio Academic Content Standards to receive credit.
5. Credit from other educational providers, including online providers, may be accepted in accordance with the Ohio Operating Standards.
6. The Principal or designee may award credit or partial credit in the amount approved in advance based upon the equivalence to a 120-hour course (Carnegie unit). In preapproved cases, partial credits may be awarded where deemed appropriate.
7. The Principal or designee may award credit or partial credit for preapproved assessments, performances, or work products that demonstrate mastery of content of any course offered at MCS. Elective credit for courses not offered at MCS may also be earned in this manner if preapproved.
8. If a student transfers from another school district to MCS and the student has not completed the course requirements to receive credit as approved by the other district, MCS's Principal or designee may consider this a new application for credit. The Principal or designee may assign partial credit for partial completion as deemed appropriate.
9. Credits completed in another district before transfer to MCS will count as credits toward fulfilling graduation requirements as awarded by the sending district. The Principal or designee will review the transfer credit to determine equivalency to specific courses offered by MCS.
10. To qualify for credit by assessment (test-out), the student must show mastery in the subject as determined by the teacher of record. MCS-developed and/or approved tests and assessments (including papers and projects used to determine advancement and course credits) will be given quarterly; exams will be given in January and June. Students failing to pass a required course by assessment will be required to take the course through traditional methods in subsequent semesters.
11. There are **NO** weighted grades for credits earned through credit flexibility.

Determining Grades

Grades earned through Credit Flexibility will **NOT** be weighted. Credit Flexibility courses may not be taken pass/fail. The letter grade to be posted on the transcript and included in the student's grade point average will be awarded as determined by the teacher of record.

1. If a student fails to make adequate progress or coursework, the approval to further pursue the proposed credit may be revoked, and a reduced or failing grade will be posted to the student's transcript.
2. The final grade for the course must be posted before the credit can count toward graduation.
3. If a student is unable to complete the course due to illness (with provided medical documentation or other valid reason as determined by the principal or designee), an extension may be permitted and/or requirements revised. If the student does not intend to complete the credit and there has been an illness or other valid reason, the application may be withdrawn without penalty by the Principal or designee.
4. Should a student transfer to another school district, upon written request of the student or parent, the district shall forward a copy of the approved application to the new district for its consideration.

DROP/ADD POLICY

1. During the first two weeks of school, class changes may be changed by the Guidance Counselor and approved by the Principal.
2. A course may not be dropped if it leaves the student with more than one study hall in his adjusted schedule. Exceptions will be at the discretion of the Principal.
3. CCP classes follow the various drop guidelines established by the college offering the course.

END-OF-YEAR AWARDS

One student award will be recognized for each course, but no student will be awarded more than two subject awards. Subject awards are based on three factors: grade in course, thoughtful participation in class, and evident interest in subject.

Junior High: Students will be recognized for all A's for the year. In addition, students will be recognized for all A's and B's for the year

High School: The 3.4 and 3.7 GPA awards are based only on unweighted grades.

GRADING SCALE AND PROCEDURES

Grading Periods: There are four grading periods in the regular high school program (nine weeks each). However, for CCP college courses, North Central State College has only two grading periods: fall and spring semesters.

MCS Grading and Grade Point Scale

A	95 - 100	(4.0)	C	75 - 78.99	(2.0)
A-	92 - 94.99	(3.7)	C-	72 - 74.99	(1.7)
B+	89 - 91.99	(3.3)	D+	69 - 71.99	(1.3)
B	85 - 88.99	(3.0)	D	65 - 68.99	(1.0)
B-	82 - 84.99	(2.7)	D-	62 - 64.99	(0.7)
C+	79 - 81.99	(2.3)	F	0 - 61.99	(0.0)

High School Credits: Year-long high school courses will receive credit by semester. Core courses (English, Bible, mathematics, science, social studies, and foreign language) will have semester exams. Semester grades for core courses will be weighted on a scale that takes 45% of the first quarter's numeric grade, 45% of the second quarter's numeric grade, and 10% of the semester exam's numeric grade and combines them for a final numeric semester grade. This final numeric grade will then be converted to a letter grade and figured into the student's grade point average (GPA).

College Credit Plus Courses: For all Honors/CCP classes, a letter grade is assigned by the class instructor at the completion of each college semester.

HONOR AND MERIT ROLL

All students, grades 7-12, are eligible for Honor and Merit roll recognized at the end of each quarter based on the following criteria:

Honor Roll-Students achieving all A's in each subject.

Merit Roll-Students achieving all A's and/or B's in each subject.

GRADUATION REQUIREMENTS

The required number of credits in each subject area that a student needs for graduation is determined by the diploma program sought. The normal required graduation requirement is 24 credits. Regardless of the number of credits needed for graduation, all on campus students are expected to carry a full schedule.

In some cases, students may earn more than one credit in a particular discipline during the school year through taking CCP courses. However, for the disciplines of English, math, science, and social studies, a minimum of semesters completed and passed also apply, regardless of the total number of credits earned in those disciplines. These semester minimums are listed in the diploma option charts. Semester equivalents may not substitute for the semester requirement except in the case of failed semester courses.

A student transferring to MCS after starting ninth grade from a non-Christian school is required to earn only the number of Bible credits equal to the number of semesters attending MCS. A waiver of Bible credit requirements will reduce the total number of credits needed for graduation by the equivalent number of Bible credits waived.

A student may be exempted from the high school graduation requirement for physical education by the successful completion of two seasons of interscholastic athletics and/or the participation in the school's cheer squad. Such exemption does not reduce the requirement for the student to earn a total of 24 units for graduation from Mansfield Christian School.

Ohio Seal of Biliteracy

The Ohio Seal of Biliteracy is a program through the Ohio Department of Education where a student can be recognized, upon graduation, for achieving high standards of achievement in both English AND one of the state approved foreign languages.

Students that are seeking this designation must pass a state approved test in both English and in their chosen foreign language that shows proficiency in both. These students must also be within 15 months of graduating before taking any of the approved tests.

Students that earn this designation will be recognized upon graduation and will have a designation placed on their diploma as well as on their official transcripts stating their level of achievement.

If a student is interested in the full set of requirements, they must see the high school office or go to the Ohio Department of Education website and search Ohio Seal of Biliteracy.

Any student that is seeking this designation will need to arrange it through the high school guidance office AND their foreign language instructor.

In order to give our students a college preparation program best suited for their aptitude and aspirations, MCS offers the following high school academic program options:

College Preparatory I Diploma Requirements (Ohio Honors Diploma) Total Minimum Credits = 24

*English	4 credits (must include 8 semesters)
*Math	4 credits (must include 8 semesters) Algebra I - 1 credit Geometry - 1 credit Algebra II - 1 credit any higher level course - 1 credit
*Science	4 credits (must include 8 semesters) Physical Science - 1 credit Biology - 1 credit Includes Advanced Science courses – 4 sem
*Social Studies	4 credits (must include 8 semesters) World Geography or World History - 1 credit U.S. History - 1 credit American Government - ½ credit Economics - ½ credit Any other SS course- 1 credit
*Foreign Language	3 credits (3 credits of one language or 2 credits each of two languages)
*Fine Arts	1 credit The credits for the Fine Arts requirement must meet state of Ohio criteria. See course listings for details.
Health	½ credit
Phys Ed	½ credit = 1 year physical education or 2 seasons of sport during 9 th , 10 th , 11 th and/or 12 th grade

*GPA	3.5 on a 4.0 unweighted scale
Bible	4 credits or 1 credit for each year at MCS

*For an Honor's Diploma from the State of Ohio, students need to fulfill only 7 of the 8 criteria¹

Any subject credit total that is exempted, due to seven other criteria having been met, must meet College Prep II requirements.

College Preparatory II Diploma Requirements Total Minimum Credits = 24

English	4 credits (must include 8 semesters)
Math	4 credits (must include 8 semesters) Algebra I or Integrated Math I - 1 credit Geometry or Integrated Math II - 1 credit Algebra II or Integrated Math III - 1 credit 1 additional math credit
Science	3 credits (must include 6 semesters) Physical Science - 1 credit Biology - 1 credit Chemistry - 1 credit
Social Studies	3 credits (must include 6 semesters) World Geography or World History - 1 credit U.S. History - 1 credit American Government - ½ credit Economics - ½ credit
Foreign Language	2 credits of the same language (3 years recommended)
Fine Arts	1 credit
Health	½ credit
Phys. Ed.*	½ credit = 1 year physical education or 2 seasons of sport during 9 th , 10 th , 11 th and/or 12 th grade
Electives	2 credits
Bible	4 credits or 1 credit for each year at MCS

College Preparatory III Diploma Requirements Total Minimum Credits = 24

English	4 credits (must include 8 semesters)
Math	4 credits (must include 8 semesters) Algebra I or Integrated Math I - 1 credit Geometry or Integrated Math II - 1 credit Algebra II or Integrated Math III - 1 credit 1 additional math credit
Science	3 credits (must include 6 semesters) Physical Science - 1 credit Biology - 1 credit Chemistry - 1 credit
Social Studies	3 credits (must include 6 semesters) World Geography or World History - 1 credit U.S. History - 1 credit American Government - ½ credit Economics - ½ credit
Fine Arts	1 credit
Health	½ credit
Phys. Ed.*	½ credit = 1 year physical education or 2 seasons of sport during 9 th , 10 th , 11 th and/or 12 th grade
Electives	4 credits
Bible	4 credits or 1 credit for each year at MCS

HB 491: Alternative graduation requirements

The bill extends the two alternative graduation pathways for public and chartered nonpublic high schools established by H.B. 49 of the 132nd General Assembly (the main operating budget act for the 2017-2019 biennium) for an additional two years. Under the current law, students in the class of 2018 may choose certain pathways as alternatives to those afforded under continuing law (see “Background-graduation requirements” below). The bill extends the alternatives to the classes of 2019 and 2020. Additionally, the bill modifies one of the alternative pathways for the class of 2020.

Most of the provisions of this law do not apply to the students of Mansfield Christian School. However, if there is a need, then a parent/guardian can consult the principal or guidance counselor for potential options alternative pathways.

GRADUATING WITH ACADEMIC HONORS

For a student at Mansfield Christian to graduate with academic honors, he/she must meet the following criteria:

SUMMA CUM LAUDE (with highest honor) Weighted GPA 4.75 or higher or Unweighted GPA of 3.98 or higher

MAGNA CUM LAUDE (with great honor) Weighted GPA 4.50 – 4.74 or Unweighted GPA 3.85 – 3.97

CUM LAUDE (with honor) Weighted GPA 4.25 – 4.49 or Unweighted GPA 3.70 – 3.84

Students in the MCS Independent Studies Program can qualify for the above graduation honors if they have taken six MCS on campus academic classes, with a minimum of two of those classes taken their senior year and have obtained at least a 3.5 GPA for the six classes.

*For the graduation class of 2021 and beyond, cumulative grade point average will be calculated on a 4.0 scale for unweighted courses, 4.5 scale for honor’s courses, and 5.0 scale for CCP courses.

HIGH SCHOOL STUDENT CLASSIFICATION

On Campus Student: An on-campus student is defined as a student taking at least-six regular MCS courses on campus for high school credit during a semester. "Regular MCS courses" are defined as courses taught by an MCS teacher or administratively-approved teacher involving more than one student, meeting at least three days per week on campus. These include College Credit Plus (CCP) courses taught by an MCS-approved teacher but "MCS courses" do not include online courses (high school or CCP) or Credit Flex courses taught outside the school.

Additional guidelines for on campus students:

1. On Campus students may not take more than one regular study hall period per semester, unless approved by the principal. However, a student taking a College Credit Plus (CCP) course that meets fewer than five days per week may have an additional study hall period during the period the CCP class is not in session.
2. A senior with a first period CCP course that does not meet daily may arrive second period, with parental permission, on the days the first period CCP class does not meet.
3. A student taking an online college course during the year may be expected to do their work during the regular school day in a scheduled study hall.
4. *Teacher Aide and Office Aide courses receive .25 credit per semester but are not included as a "regular MCS course."*

INDEPENDENT STUDIES PROGRAM

The Independent Studies program is for fully enrolled students of Mansfield Christian School who choose to carry out their required academic courses in both on and off campus settings. Secondary Independent Studies students are expected to abide by the same testing requirements, parent meetings, and academic requirements as on campus students. There are also required meetings specific to Independent Studies. Independent Studies students are permitted to attend up to three regular on campus MCS classes and complete the-remainder of their academic requirements at home. Families interested in this option should contact the Independent Studies office.

Independent Studies Students: An Independent Studies (IS) student is defined as a student enrolled in the Independent Studies program.

Additional guidelines for IS students:

1. Students in grades 7-12 are required to take at least one MCS class on campus (but no more than three during the school day) or one of the weekly After School Classes. The regular MCS class requirement may be met with an on-campus CCP class (but not an online course unless permission is granted, e.g., in lieu of a study hall).
2. Students may not transfer into the IS program after their sophomore year or during the second semester of their sophomore year, unless they were homeschooled independently during their sophomore year.
3. IS students may take one study hall if there is a class period between classes taken on campus. An additional study hall-may result in an additional fee.
4. In addition to classes on the MCS campus, IS students may choose to pursue classes on a college campus or online.
5. IS students are expected to arrive at MCS no more than 10 minutes prior to their scheduled classes (if the first class is after first period). Additionally, IS students are required to exit the building soon after their classes have been dismissed.

INTERIM NOTICES

A student who is receiving a grade below 71.99 (D+) at the end of the first four weeks of each grading period will have an interim notice sent home to his/her parents.

JUNIOR HIGH PROMOTION POLICY

Students who do not pass the second semester in both English and Math and the second semester in at least two of the other core classes (i.e. Bible, Science, History) may be prevented from being promoted to either eighth or ninth grade. Students who do not meet this requirement may be required to repeat the second semester of the required course(s) in an approved summer school program in order to become eligible for promotion. MCS offers make-up online courses for a fee. Students may also avail themselves of non-MCS summer programs if approved in advance by the MCS administration.

NATIONAL HONOR SOCIETY

Students do not apply for membership in the National Honor Society; rather, students are selected on the basis of leadership, service, character, and academics. Membership is granted to those students selected by the National Honor Society Selection Committee in each school. This committee consists of five teachers appointed by the Principal. The National Honor Society advisors do not vote in the selection process. The decision of the faculty committee is final. The Principal or advisor will be glad to counsel any non-selected students and/or their parents concerning the area(s) in which the student needs to improve. It is important to remember that students or parents are not entitled to a hearing before the Selection Committee. Failure to be accorded an honor is not a deprivation of a right, and due process is not applicable to such situations.

NHS Selection Guidelines:

A. On campus Students:

1. Students must complete at least one year as an on-campus student at Mansfield Christian School in our regular classroom setting where they can be observed by faculty and peers. Students must have completed their sophomore year at MCS.
2. New Senior Admissions: A senior who has accumulated a GPA of 3.5 or higher at an accredited high school and has taken a curriculum that would be classified as honors or college prep shall be eligible to be nominated for the Flames chapter of NHS if the NHS advisor or principal from the former school indicates that the student was slated to be inducted into NHS at that school.
3. A cumulative GPA of 3.5 unweighted or 4.0 weighted GPA is required.
 - a. Students who are eligible scholastically ("candidates") shall be notified and asked to complete and submit the Students Activity Information Form for further consideration for selection.
 - b. The faculty shall be requested to evaluate candidates based on leadership, character, and service using the official evaluation form provided by the chapter advisor.
 - c. The faculty Council shall review the Student Activity Information Form and faculty evaluations in order to determine membership.
4. Once inducted, a member must maintain at least a 3.5 unweighted or 4.0 weighted GPA.
5. To be an active NHS member and graduate with NHS distinction, the student must maintain on campus status at Mansfield Christian School.
6. Any member who falls below the standards of scholarship, leadership, character, or service may be considered for dismissal from the Flames Chapter of the NHS. This includes any violation of the law or major school regulations (suspension-level offenses) or the accumulation of minor MCS offenses (detention-level offenses). Details may be found in the bylaws of the Flames Chapter of the NHS posted in the MCS website. Once dropped from membership, the student is no longer eligible to be in the National Honor Society.

B. Independent Studies Students

1. Students in the Mansfield Christian School Division of Independent Studies can become eligible for the National Honor Society after completing six units of credit of on-campus classes, three of which must be core classes, with a cumulative GPA of 3.5 unweighted or 4.0 weighted GPA. On campus CCP classes are counted as 1 unit per semester course. The core classes must include mathematics, science, social studies, English, foreign language, Image or Bible.
2. To be considered for selection, Independent Studies students must be nominated by the Independent Studies Director and a Mansfield Christian School classroom teacher; they must be currently enrolled in a minimum of two MCS classes on campus. See *Fulltime Students Selection Guidelines* for specific application and membership procedures.
3. To maintain membership, the student must continue to take two such courses each year and attend

- all NHS meetings.
4. Any member who falls below the standards of scholarship, leadership, character, or service may be considered for dismissal from the Flames Chapter of the NHS. This includes any violation of the law or major school regulations (suspension-level offenses) or the accumulation of minor MCS offenses (detention-level offenses.) Details may be found in the bylaws of the Flames Chapter of the NHS. Once dropped from membership, the student is no longer eligible to be in the National Honor Society.

SENIOR POLICIES

1. All seniors must meet the state testing requirements for graduation before receiving a diploma. This requirement can be met by earning the required number of points on the state End of Course Exams (or acceptable alternative assessment such as the Iowa assessment) or earning remediation free scores on either the ACT or SAT in mathematics and English language arts.
2. Prior to registering for the senior year, each student should carefully check his/her credits to be sure that he/she has taken and passed all required subjects.
3. Any senior that has failed or is failing a course needed for graduation must make arrangements with the Guidance Counselor to remove the deficiency.
4. A senior that is deficient by one course credit but is in the process of removing that deficiency will be permitted to “walk” through graduation ceremonies. A student deficient in more than one course credit will not be permitted to participate in graduation ceremonies.
5. Prior to any diploma being presented, the Guidance Counselor will certify that all requirements for graduation have been met. No diploma shall be issued without this certification.
6. Graduation speakers: The student “honors” speaker for graduation will be selected by the administration from among the top three academic graduates (highest GPAs, excluding the class representative if in the top three). The student “class representative” speaker will be the senior class president, unless declared ineligible due to major disciplinary reasons. All student speeches must be provided to the Secondary Principal by the start of graduation practice. The Principal reserves the right to edit or even reject any or all of the planned student speeches. The senior class will be afforded the privilege of nominating up to three potential keynote graduation speakers. The administration will normally choose from among the nominees. However, if none of the nominees is selected by the administration or declines the invitation to speak, the administration will select its own choice for keynote speaker. The administration reserves the right to make all final decisions on speakers, whether student or keynote.

TESTING

Testing Security Plan: For students who will be taking any of the state assessments, the following outlines Mansfield Christian School’s Test Security Plan, ensuring all involved that there are purposeful and specific procedures in place to ensure the security and accurate reporting of your child’s achievement tests. If you have any questions about the following, please contact your child’s building principal.

Per Ohio Administrative Code 3301-13-05 (J), MCS is required to notify you of the written Security Plan for administering state assessments [OAC 3301-13-05 (H)]. This is outlined below; staff members receive further, more specific instructions about their involvement with the specific assessments and are required to follow written procedures set forth in the Test Administrator Manual for each test administration.

All materials will be handled and tracked by the designated Test Coordinators. The logistics are particular to each assessment.

All personnel have been informed of the following:

Under Ohio Law, releasing any test questions or other contents of a test to students or helping students cheat in any other way may be punishable by invalidation of test scores, termination of employment, suspension of certificates to teach, and/ or prosecution. These are security violations (not an exhaustive list):

1. It is illegal to review the test before the administration and create study guides for, or somehow release test questions to students based upon questions known to be on state tests.
2. Individuals monitoring a given test subject may not look ahead at other test subjects printed in a test booklet.
3. No secure material from any operational test may be released to any student, to the media or to the general public, including describing questions in a letter, discussing test questions, or photocopying test questions.
4. It is unethical and illegal to alter any student response or to assist a student to cheat in any other way.
5. Unauthorized persons may not be present during a statewide test administration; only test coordinators may access secure materials, as well as (on test day) designated testing administrators and monitors, and testing students.
6. NO ONE may stand beside a student's desk and indicate in some manner that the student's answer is incorrect, blank, or deficient in some manner
7. NO ONE may review or alter a student's response after the student has turned in the test booklet or answer document.
8. Refer to OAC 3301-7-01 *Standards for the ethical use of tests* for further information.
9. Accessing an electronic device during or after testing is not permissible unless permitted by the testing agency. Test administrators may have a cell phone for medical and technological emergencies or to perform necessary test-related actions. Test administrators must not use the cell phone for non-test related issues.
10. Electronic duplication of test materials is not permitted.

Concerns about security violations must be brought immediately to the Test Coordinator who will administer proper procedure for security violations.

ACT/College Admission Tests: Students planning to take CCP classes for the first time must meet the college's admission requirements. In the spring, juniors take the ACT at MCS, provided by the State of Ohio. All Students should continue taking the ACT, with the goal of raising their scores to better increase chances for college scholarships.

The Preliminary SAT (PSAT) is used by the National Merit Scholarship Corporation as the main factor in selecting National Merit Scholarship finalists. This test will be given in the fall and is administered to juniors.

TRANSCRIPTS

Students needing to have a transcript sent to a particular college or scholarship agency should request these through the high school office.

WEIGHTING FACTORS FOR MCS COURSES

All MCS courses are calculated on a 4.0 scale for determining GPA. The exception is for honors and CCP courses, as they will be weighted on a 4.5 scale and 5.0 scale, respectively.

A	95 - 100	4.0	(4.5)	[5.0]	C	75 - 78.99	2.0	(2.5)	[3.0]
A-	92 - 94.99	3.7	(4.2)	[4.7]	C-	72 - 74.99	1.7	(2.2)	[2.7]
B+	89 - 91.99	3.3	(3.8)	[4.3]	D+	69 - 71.99	1.3	(1.8)	[2.3]
B	85 - 88.99	3.0	(3.5)	[4.0]	D	65 - 68.99	1.0	(1.5)	[2.0]
B-	82 - 84.99	2.7	(3.2)	[3.7]	D-	62 - 64.99	0.7	(1.2)	[1.7]
C+	79 - 81.99	2.3	(2.8)	[3.3]	F	0 - 61.99	0.0	(0.0)	[0.0]

COURSE DESCRIPTIONS BY DEPARTMENT

(Subject to change)

Prerequisites: Some elective courses have prerequisites. Note the following:

1. The prerequisite for all second semester courses for year-long elective courses is a passing grade for the first semester, unless administrative approval is otherwise given.
2. Prerequisites that mention a required minimum grade for the prerequisite course refer to the second semester grade for the course listed. If no grade is mentioned, then a passing grade in the prerequisite course is sufficient.
3. All CCP courses have additional prerequisites that are determined by the State of Ohio and NCSC.

BIBLE DEPARTMENT

Bible 7

Two Semesters

All Year

Bible 8 is a Bible survey course that covers the key themes and characters of the Old and New Testaments using the Route 66 curriculum giving students the opportunity to delve into scripture in a personal way.

Bible 8

Two Semesters

All Year

Bible 7 spends the year with an in-depth study of the life of Christ from the account of John's gospel. We explore truth about the person of Jesus Christ and His miracles and how His deity affects the way we should live, think, and love others.

Bible I & II

Two Semesters

1 Credit

Focus: 9th grade-Foundations of Faith, 10th grade-Spiritual Formation

Designed by Wheaton Press, students will be challenged and equipped with instruction to be individuals who reflect Christ. With an intentional emphasis on believing and following, these courses will assist students in answering questions like: *What does a healthy, mature follower of Christ believe and display that maturity in everyday life? How does a healthy, mature follower of Christ grow and help to equip others toward growth?* By the end of these courses, students will have a developed Christ-centered understanding and be able to articulate an authentic values and vision.

Bible III & IV

Two Semesters

1 Credit

Focus: Philosophy & Theology, Doctrine & Apologetics, Christ & Culture

Also designed by Wheaton Press, juniors and seniors will be challenged to grow in their faith by moving their relationship from a follower, to a friend of Jesus. From this friendship, students will study scripture designed to equip them in developing a clear Christ-centered personal mission prepared to communicate their beliefs with others. Answering questions like: *Who do others say Jesus is? Who do I say Jesus is? What do I believe? Why do I believe? And, how will I communicate my beliefs to others?* Using the foundation of God's Word, students will be prepared to move their faith from inside out into the world.

ENGLISH DEPARTMENT

English 7

All Year

This course is a combination of literature, grammar, writing, and vocabulary. Many different genres of literature are studied with a focus on fiction, non-fiction, drama and poetry. Students will concentrate on solid sentence and paragraph structures while writing short stories and essays with an introduction to MLA format. Spelling and grammatical concepts are applied. There will be oral presentations as well.

English 8

All Year

This course is an extension of the 7th grade literature, grammar, writing, and vocabulary program. Grammar skills are applied to compositions with a focus on solid paragraph structure and essay development. Students will write personal narratives, persuasive essays and research papers utilizing the MLA format will also be written. Spelling and grammatical concepts are applied. Structured oral presentations will be practiced as well.

English I

Two Semesters

1 Credit

Grade 9 English I is designed to give students a basic understanding of the different genres of literature. In the first semester, the students will be exploring short stories, poetry, and classics. Vocabulary development, grammar, and writing will be emphasized, and students will be encouraged to write creatively, as well as reflectively. Because English I is designed to give students a basic understanding of the different genres of literature, students will continue to delve into various forms of literature such as drama and nonfiction. Students will also be reading and viewing Shakespeare's, *Romeo and Juliet*.

English II

Two Semesters

1 Credit

Grade 10 Throughout the semester, students will learn to improve their writing by thoroughly learning and applying necessary grammar rules. Vocabulary assignments will be a weekly task. The literature in English II is a survey of American Literature, in which selections are studied from a period approach. This includes the study of the novel *The Scarlet Letter*, culminating with a discussion and presentation. Vocabulary and grammar units continue this semester. Writing projects include online discussion blogs and responses and essays. The survey of American Literature continues with a study of the novel, *To Kill a Mocking Bird*.

English III

Two Semesters

1 Credit

Grade 11 Throughout the year, vocabulary assignments and quizzes will be a weekly task. The literature in English III will include selections from British Literature, including works by William Shakespeare and C. S. Lewis. Composition will be the primary focus of English III. Students will study *The Lively Art of Writing* book which provides assignments to help them improve many writing techniques. They will study specific aspects of composition such as word choice, variation of sentence structure, and paragraph structure. They will write different types of essays throughout the year which will culminate with writing a research paper. Students will also improve their writing skills by practicing and applying standard grammar usage rules.

English IV

Two Semesters

1 Credit

Grade 12 This course focuses on preparing seniors for freshman college level English courses. Throughout the semester, students will be learning to improve their writing by thoroughly learning and applying necessary grammar rules. Students will read and analyze the novel, *1984*. Writing assignments will consist of, literary analysis, and responses to varying media, including the documentary, "Waiting for Superman." Vocabulary and grammar units continue this semester. Students are also responsible for collaboratively producing a student newspaper in a totally online format. Students will write a research paper on a persuasive topic and a retrospective essay on high school English. Students will also study the written and screen version of Shakespeare's *Julius Caesar*. Additional writing projects may be given as time allows, such as a description of students' life goals, retrospective compositions, and a survey of college communication class requirements. Group and individual presentations for discussion will be given as responses to current print or visual news media.

English Department College Credit Plus Offerings

ENG 1010 – English Composition I

First Semester

1 HS Credit /3 College Credits

This is a basic course in expository writing and critical reading. Students read a variety of nonfiction works and write summaries, analyses, essays, and a researched argument in response to their reading. Students learn to read actively and accurately and to organize, develop, and revise coherent papers appropriate for a college-educated audience. *Prerequisite: See CCP guidelines.*

ENG 1030 – English Composition II

Second Semester

1 HS Credit/3 College Credits

This is a course in argument and research writing. Students read theme-based works in a variety of genres and write summaries, responses, and an argument and research paper. Students learn to organize research projects, find and evaluate sources, incorporate ideas and quotations from sources, document their sources in MLA and APA style, analyze and use argumentative strategies and persuasive appeals, and prepare and revise effective, coherent papers. *Prerequisite: English 1010 with a grade of C- or better.*

FINE ARTS DEPARTMENT

VOCAL MUSIC

Junior High Choir

Two Semesters

All Year

The primary objective of this performance course is the development of vocal skills. Music of differing styles and time periods will be used to provide a well-balanced music education. The choir is open to students who enjoy singing and want to develop their vocal abilities. Informal auditions will be held to assess the student's potential in this course. *This is an elective for students in grades 7 and 8.*

High School Choir

Two Semesters

1 Credit

Grades 9, 10, 11, 12 The primary objective of this performance course is mastery of vocal skills and the development of an appreciation and passion for music. Students will be encouraged to use their skills outside of school, in the community and in their local churches. Music of differing styles and time periods will be used to provide a well-balanced music education. The choir is open to students who enjoy singing and want to fully develop their vocal abilities. Students will also acquire a working knowledge of music reading skills. This will be a performance group where students will present concerts throughout the year as well as participating in State and District choir competitions. Informal screening will be held to assess the vocal range and tone of the student's voice.

IMAGE

Two Semesters

1 Credit

Grades 9, 10, 11, 12 This select ensemble consists of students interested in leading worship through music. Vocal, instrumental, and technical training will prepare students to actively participate in ministry at school and in the community. Image members will be required to participate in choir concerts in addition to those of Image. Students will master vocal, instrumental, and technical aspects of music and ministry in order to demonstrate practical performance skills in local churches. Students will also demonstrate an understanding of inter- and intra-personal skills, servant leadership, ministry skills, and more. Image will also be part of high school choir. *Prerequisite: Audition (held in the spring for the upcoming school year) and high school choir.*

INSTRUMENTAL

Jr. High Band

All Year

This is a preparation for High School Band. The course revolves around ~~three~~ evening concerts throughout the school year, and most class time is spent preparing for these performances. Students may also choose to participate in the OMEA solo and ensemble competition in the second semester. Other opportunities are available to give students a taste of what band class is like at the high school level. *Prerequisite: 5th or 6th grade Band class (or other instrumental music experience) and teacher permission. This is an elective for students in grades 7 and 8.*

High School Band**Two Semesters****1 Credit**

Grades 9, 10, 11, 12 This is a performance-based course, which presents concerts several times a year. Students may also choose to participate in the OMEA solo & ensemble competition in the second semester.

***This course will be offered based on students' interest and staff availability. Prerequisite: at least one year of JH Band and teacher permission*

Music Theory**Full Year****1 High School Credit**

This high school class will cover the foundations of music and how music works. This course is an introduction to music theory and will focus on learning scale patterns, chords, melody, harmony, ear training, composition, etc. Students will also be able to engage in several opportunities to develop their gifts and abilities for the Lord through composition, group and solo performances. Prerequisite: 1 year of successful completion of band or choir and teacher permission.

ART**Junior High Art**

Grade 8 Junior High Art will focus on instruction in the element and principles of design, with a variety of 2-D and 3-D assignments. Students are encouraged to take art in high school and improve basic art skill levels.

This is an elective for students in grades 7 and 8.

Introduction to Art I**Two Semesters****1 Credit**

Grades 9, 10, 11, 12 This course is designed to give students a basic understanding of the many forms of art. In this first semester, the students will be learning basic drawing and rendering skills. They will be exposed to the many drawing mediums as well as different drawing techniques. Students will be learning basic painting, sculpting, and printing techniques. They will be exposed to many different mediums from Paint and Canvas to Clay and Paper Mache.

Advanced Art Studio II**Two Semesters****1 Credit**

Grades 10, 11, 12 This course is designed to build upon the foundational skills that were obtained in Art I. This section has a very strong emphasis on drawing and painting. *Prerequisite: Intro to Art I*

Advanced Art Studio III**Two Semesters****1 Credit**

Grades 11, 12 This course is intended for students who are considering an art focused career. This section is strongly focused on the preparation of an art portfolio. The portfolio is the key to getting accepted into the majority of acclaimed art schools. Projects for the portfolio will differ for each student according to their area of focus.

Prerequisite: Advanced Art Studio II

Ceramics I**Two Semesters****1 Credit**

Grades 9, 10, 11, 12 This course is designed to give a basic understanding of the various techniques for using clay as an art medium. The students will be learning hand building techniques like pinch, coil, slab, and relief as well as various glazing techniques. During the second semester, the students will be working on refining their clay building techniques by creating challenging new projects.

Prerequisite: Intro to Art I

Ceramics II & III**Two Semesters****1 Credit**

Grades 10, 11, 12 This course is designed to build upon the basic clay forming skills obtained from Ceramics I. Students will be focusing on creating original hand built works of art. During the second semester, students will be focusing on refining their wheel throwing skills.

Prerequisite: Ceramics I

WORLD LANGUAGE DEPARTMENT

Spanish I

Two Semesters

1 Credit

Grades 8, 9, 10, 11-This course is an introduction to the language, customs and culture of the Spanish-speaking world. The basic structure of the language is covered with an emphasis on listening and reading in the target language, and an introduction to speaking and writing skills in the language. Stories and topics will stem from student interest. Emphasis will be placed on the interpretive skills. Students will be introduced to language related customs and culture.

Prerequisites: Students wanting to take Spanish as an 8th grader, they must have an average of B or higher in English 7.

Spanish II

Two Semesters

1 Credit

Grades 9, 10, 11, 12 During the first semester of Spanish II, students will begin to lay the foundations for more complex communication in the Spanish language. They will learn grammar concepts that facilitate this such as direct and indirect object pronoun usage, idiomatic expressions, the passive voice, -command forms, and irregular verbs. They will develop their ability to shift easily from present tense to past tense. Conversational activities will focus on building speaking confidence, and learning to carry on conversations by asking for more information, asking follow-up questions and responding to spontaneous questions or situations. Students focus on building their speed of comprehension and speaking. They will be asked to generate both written and oral responses to pictures, questions, or scenarios. Creativity and original self-expression will be encouraged. They will be introduced to short pieces of Spanish literature, such as poetry, novels and folktales. During second semester, Spanish II students will learn the imperfect tense and be able to narrate more fully in the past by using both the preterit and the imperfect. This course reinforces and expands skills from Spanish 1. Emphasis continues to be on building proficiency in the interpersonal skills of reading and listening, and instruction regarding speaking and writing is deepened. Emphasis will be placed on interpretive and interpersonal skills. Topics of conversation and reading will reflect student interests to deepen their skills in self-expression. Studies regarding the language related customs and culture will continue.

Prerequisites: C average or better in Spanish 1.

Spanish III

Two Semesters

1 Credit

Grades 10, 11, 12 During the first semester of the Spanish III year, specific areas of grammar weakness will be identified and reviewed so that the student will be able to shore up their abilities. Students will expand their vocabularies and be able to develop vocabulary based on areas of interest. There will be daily focus on conversation abilities and communication within “real-world” settings. The use of dictionaries will be lessened as students learn to access and use what they know to communicate effectively. Students will learn the future, conditional and perfect tenses and use that grammar in both written and verbal contexts. During the second semester of Spanish III, students will learn and work with the present subjunctive mood. Using the subjunctive, they will express wishes, desires, opinions, discuss current issues, and the future. They will focus on building conversational speed and clarity, and will explore Spanish short story literature. Interpersonal communication skills will be deepened and strengthened in this course. Students will further practice self-expression in the target language. Instruction will involve a focus on strengthening reading comprehension, writing skills, and conversational skills. Daily focus will be on conversation skills and working in community to explore current events, historical topics and cultural ideas will be studied as the vehicle for language acquisition. Conversational activities will focus on building speaking confidence. Creativity and original self-expression will be encouraged. Emphasis will be placed on interpretive, interpersonal and presentational skills. Exposure to language related culture and customs will continue.

Prerequisites: B average or better in Spanish 2.

Spanish IV

Two Semesters

1 Credit

Grades 11, 12 Spanish IV will expand the student's speaking skills by reinforcing grammar. Primarily, students will engage in extended conversational Spanish through literature, films and increased language immersion. This course will move students toward receiving their Foreign Language Literacy Graduation Seal as well as community outreach using their proficient language cultural competency skills. Continuing the language

learning of the previous courses, students will gain in-depth knowledge of the complexities of the language in addition to a continued study of Spanish history and culture. Primarily, students will work in community to engage in extended conversational Spanish through literature, film, and increased language immersion. Emphasis will be placed on interpretive, interpersonal and presentational skills. Increased reading, speaking and listening skills will be developed. Deeper study of certain grammatical structures will be studied, and cultural topics will continue.

Prerequisites: B or higher in Spanish 3

French I

Two Semesters

1 Credit

Grades 9, 10 French I is designed to give students foundation skills in the language. Students will build basic working vocabulary within the context of school, family and friends, café life, food and hobbies. Structurally, students will learn pronunciation rules, basic conversational phrases, and the present tense of both regular and irregular verbs. Throughout the year, students will encounter information about French culture and how it is expressed in a variety of Francophone countries. Acquisition of the language will be accomplished through the balance of reading, writing, listening, and speaking.

Prerequisite: Average of B- or higher in English from previous year.

French II

Two Semesters

1 Credit

French II is designed strengthen and improve upon the language skills introduced in French I. Students will continue to build a working vocabulary within the context of celebrations, vacation, home life, food and health. Structurally, students will practice their pronunciation of the language and learn several ways to express themselves using past tense. They will be able to express wishes by giving affirmative commands. Worldwide French speaking culture will continue to be explored. Language acquisition will be accompanied after completion of reading, writing, listening and speaking.

Prerequisite: French I with a yearly average of C or higher.

French III

Two Semesters

1 Credit

French III is designed expand the language skills developed in French I and French II. Vocabulary will be built within the context of technology, city life, jobs and careers, the environment and the arts. Structurally, students will polish their pronunciation skills and learn how to express themselves in the future and conditional tenses. Several more irregular verbs will be learned as well as more complex grammatical structures. Acquisition of language will be achieved through a balance of reading, writing, listening and speaking. French culture will be integrated throughout the class, with the focus on developing appreciation for its distinctiveness and contributions.

French II with a year average of C or higher.

French IV

Two Semesters

1 Credit

French IV is designed to master skills in the language and gain effective communication skills. It begins with a comprehensive review of the previous three levels in order to build conversational confidence. Structurally, pronunciation skills will be perfected and more complex grammar will be reinforced. Students' reading, listening and speaking skills will be improved through literature, film and classroom discussion and debate.

Prerequisite: French III with a yearly average of C or higher.

MATHEMATICS DEPARTMENT

Math 7

All Year

Students review and master basic arithmetic in order to lay a needed foundation for studying higher mathematics. Some of the topics covered are whole numbers, fractions, decimals, ratios and proportion, percent, measurement, pre-algebra and an introduction to geometry.

Math 7 Lab

All Year

Students will engage in hands-on activities to boost their math and problem-solving skills. Group work and individual projects will challenge and equip students to be better prepared for 8th grade math courses.

Pre-Algebra**All Year**

Grades 7, 8 This course begins with a review of basic skills involving factors, decimals, ratios, percent, and measurements. Students will learn how to solve basic algebraic problems, including simplifying algebraic expressions, solving equations, graphing, and working with square roots. Other major areas of study include: statistics, probability, and business mathematics. Lastly, this course provides an introduction to geometry, covering such topics as perimeter, area, and volume of various shapes. *Prerequisite for 7th grade: 6th grade teacher recommendation (if coming from MCS 6th grade) and principal decision. If transfer from another school, then MCS principal decision alone.*

Algebra I**Two Semesters****1 Credit**

Grades 8, 9 This course is a study of the general properties of real numbers and the fundamentals of algebra. Topics include expressions, equations, functions, properties of real numbers, and solving, graphing, and writing linear equations. Students will learn how to apply these concepts in solving word problems in which such equations arise. Students will learn how to solve and graph linear inequalities and systems of linear inequalities. Other topics of study include: applying exponential properties, factoring polynomials, solving quadratic equations, solving radical equations, applying the Pythagorean Theorem, and finding probabilities. Throughout the year, students learn the vocabulary of mathematics and logical thinking in real-world situations. *Prerequisite: Yearly average A in Math 7 or Pre-Algebra with a grade of C or higher.*

Geometry**Two Semesters****1 Credit**

Grades 9, 10 The word “geometry” comes from two Greek words meaning “earth measure” and refers to the size, shape, and position of things. In Geometry students will study the properties and relationships of points, lines, and planes. Emphasis will be placed on the development of the student’s ability to think in a logical and orderly manner through deductive reasoning. Beginning with a few self-evident facts the student will discover and apply other facts related to the study of proofs, parallel and perpendicular lines, triangles, and congruence. The application of deductive reasoning for the topics of polygons, similarity, right triangle trigonometry, circles, area, and volume will be explored and used to solve practical problems. Algebra skills will be strengthened through review and geometric exercises requiring algebraic skills. *Prerequisite: Algebra I with a second semester grade of C or higher; or Integrated Math with principal and teacher recommendation*

Algebra II**Two Semesters****1 Credit**

Grades 10, 11 Algebra II is a course building on and expanding the elements of Algebra I and Geometry to better develop the student’s understanding of mathematical structure and method. An emphasis is placed on application of algebraic theory and principles of problem solving. Topics include equations and inequalities, functions, systems of equations and inequalities, matrices and determinants, quadratic functions, polynomials, powers, roots and radicals. Algebra II is a course building on and expanding the elements of Algebra I and Geometry to better develop the student’s understanding of mathematical structure and method. An emphasis is placed on application of algebraic theory and principles of problem solving. Topics include exponential and logarithmic functions, rational equations and functions, quadratic relations and conics, sequences and series, probability and statistics, trigonometric ratios, graphs identities and equations. *Prerequisite: Geometry with a second semester grade of C or higher; or Integrated Math II with principal and teacher recommendation*

Integrated Algebra I**Two Semesters****1 Credit**

Grades 9 This course is designed to review the major concepts of Pre-Algebra and to build a firm foundation of the fundamentals of Algebra. Topics include expressions, equations, functions, percent, proportions, probability, and a further development of geometric concepts. Students will continue to build a firm foundation of the fundamentals of algebra. Topics include solving, graphing, and writing linear equations, factoring, and applying exponential properties.

Integrated Geometry**Two Semesters****1 Credit**

Grades 10 This course is designed to review and expand upon the fundamentals of algebra and introduce practical geometric concepts. Topics include solving radical equations, solving and graphing quadratic equations, and applying the Pythagorean Theorem. Students will continue to study topics of geometry such as the properties of points, lines, planes, solids, polygons, congruence and similarity, circles, area, volume, and coordinate geometry. Throughout the course students will learn the vocabulary of mathematics and logical thinking in real-world situations. *Prerequisite: Algebra I or Integrated Math I*

Integrated Algebra II**Two Semesters****1 Credit**

Grades 11 This course builds on and expands the elements of basic algebra and geometry to better develop the student's understanding of mathematical structure and method. An emphasis is placed on application of algebraic theory and principles of problem solving. Topics include equations and inequalities, functions, systems of equations and inequalities, matrices and determinants, quadratic functions, polynomials, powers, roots and radicals. This is a course building on and expanding the elements of Algebra I and Geometry to better develop the student's understanding of mathematical structure and method. An emphasis is placed on application of algebraic theory and principles of problem solving. Topics include exponential functions, rational equations and functions, quadratic relations and conics, probability and statistics, and basic trigonometry. *Prerequisite: Geometry or Integrated Math II*

Transition to College Math**Two Semesters****1 Credit**

Grades 11, 12 This course is an integration of Algebra and Geometry in preparation for college level math. The common behaviors of linear, quadratic, absolute value, square root, and exponential functions will be analyzed, and basics of statistics and probability. This course is an advanced study of the five basic functions using numeric, graphical, and analytic approaches. These approaches will be utilized in developing mathematical models. Geometry and basic trigonometry will also be reviewed. *Prerequisite: Algebra II or Integrated Math III.*

CCP Math Department College Credit Plus Offerings**MATH 1110 - College Algebra****First Semester****1 HS Credit/4 College Credits**

This course is designed to cover 1) polynomial operations, rational expressions, exponents, radicals; 2) linear and quadratic equations, inequalities, absolute value applications and their graphs; 3) graphs of elementary functions and non-functions including inverse functions, combining functions, and translating and transforming functions; 4) study of polynomial functions including the Fundamental Theorem of Algebra, zeroes of polynomials, rational functions, partial fractions; 5) exponential and logarithmic functions including graphs and applications; 6) Gauss-Jordan elimination and Cramer's Rule.

MATH 1130 – College Trigonometry**Second Semester****1 HS Credit/4 College Credits**

This course includes the study of trigonometric functions and inverse trigonometric functions and their graphs; solutions of right and oblique triangles and their applications; solutions of trigonometric equations and inequalities; the use of identities, vectors, and complex numbers; and solutions of polar equations and parametric equations. Students must supply a graphing calculator. Successful completion of MATH1110 with a grade of C- or better.

MATH 1150 – College Calculus I**First Semester****1 HS Credit/5 College Credits**

A study of analytic geometry, limits, continuity, the derivative, basic differentiation rules, rates of change, the product and quotient rules, higher-order derivatives, the chain rule, implicit differentiation, related rates, extrema on an interval, Rolle's Theorem and the Mean Value Theorem. Function analysis includes increasing and decreasing functions and the first derivative test, concavity and the second derivative test, limits at infinity and curve sketching. Concluding topics include anti-derivatives, indefinite and definite integrals, the Fundamental Theorem of Calculus, and integration by substitution. Applications include optimization problems, Newton's method, differentials, and areas of planar regions.

MATH 1010 – Probability and Statistics**Second Semester****1 HS Credit/5 College Credits**

This course provides the student with an overview of probability and statistics. Probability terminology, concepts and rules are emphasized in solving probability problems. Descriptive statistics, including measures

of central tendency and dispersion, charts, tables and diagrams are used to summarize data. The student is introduced to the binomial, Poisson, hyper-geometric, normal and t-distributions. Confidence intervals, hypothesis testing, correlation, and linear regression are used to make conclusions concerning population parameters from sample data

PHYSICAL EDUCATION DEPARTMENT

Health 8

One Semester

½ HS Credit

Health combines scientifically accurate, age-appropriate godly health content with extensive instruction, practice, and application of the skills necessary to achieve optimal health and wellness. This course meets the high school graduation requirement for Health. *This is a required class for Grade 8.*

Physical Education 7

Students will become acquainted with and develop the cognitive and locomotor/non-locomotor skills required to participate and enjoy various team sports. Students will develop an understanding of basic rules and skills of competitive play and positive sports conduct, all with an emphasis on participation. Biblical integration will focus on their responsibility for maintaining a healthy body consistent with God's Word. (1 Corinthians 6:19-20)

Fitness and Strength Training

Two Semesters

½ Credit

Grades 11, 12 Students will engage in physical fitness activities with an emphasis on cardiovascular endurance, flexibility, body composition, muscular endurance, and muscular strength training, enabling the students to strengthen their bodies for the purpose of improving sports specific, skill-related activities, such as agility, speed, and balance. Students will build upon previously gained knowledge in order to develop cardiovascular endurance, flexibility, body composition, muscular endurance, and muscular strength training. The students will develop their own fitness and strength guide, grounded upon what they have learned. The purpose is to give students keys to strengthening their bodies and maintaining a healthy lifestyle.

SCIENCE DEPARTMENT

Science 7

All Year

Students use the scientific method as it pertains to foundations in earth, life and physical science. Students interpret data using charts, graphs, illustrations, and graphic organizers. A Christian worldview enables the students to uncover the truth about scientific discoveries.

Science 8

All Year

Students receive an overview of earth and space science, life science, and physical science. An in-depth comparison of creation and evolution will end in a debate among two teams. The students study a unit examining how evidence in nature supports creation over random changes over time. Students interpret data on charts, graphs illustrations, and data organizers. A Christian worldview will enable students to uncover the truth about scientific discoveries.

Physical Science

Two Semesters

1 Credit

Grades 8, 9 Students will review the scientific method and apply it as part of their study of the nature of science and physics, with a focus on mechanics, energy, and waves and how they are related. Students will also study forces, motion, and electricity. The focus will be on basic chemistry, beginning with a thorough explanation of the atom, the properties of matter, and the periodic trends of elements. Bonding between atoms and the chemical reactions that take place between them will then be studied. Finally, students will be given an introduction to astronomy.

8th grade Prerequisite: Average of A in 7th grade science, B or higher in Pre-Algebra, teacher recommendation.

Biology**Two Semesters****1 Credit**

Grades 9 & 10 Biology is a systematic study of the fundamental biological principles from a creationist's position. This course looks at God's truth and science, organic chemistry, cellular structure and function, history of life, genetics, and classification. During the second semester students will examine the ~~six-seven~~ kingdoms of life, with special emphasis on plants and animals. Students will also be introduced to the science of ecology, which includes ecosystems, the biosphere, and the biomes of the world. *Prerequisite: Physical Science*

Advanced Biology**Two Semesters****1 Credit**

This year-long course will be offered as an advanced level of biological study. The course will be a college preparatory course on Limnology (Lakes and Streams) that will have an emphasis on research techniques used by local and state agencies. This course will focus on surface water research to determine water quality of streams and other bodies of water. This course will also emphasize scientific writing in APA format with the possibility of learning grant writing techniques. *Prerequisite: Average of B or higher in Biology, teacher recommendation. Space will be limited to 10 students.*

Chemistry**Two Semesters****1 Credit**

Grades 11, 12 Chemistry is a college preparatory course for those with a strong math and science background. Chemistry is the study of the structure and composition of the world that God has given us, and the changes that each of these undergo. Areas in the first semester will include: measurements and their conversions, calculations of matter, and matter. Methods of learning include lecture, problem solving, demonstrations, and experimentation. An exam will be given at the end of semester I. This is a comprehensive exam. Students will utilize the methods and fundamentals from the first semester to continue building upon those precepts. Chemistry is a cumulative course of study and reinforcement of these tenets will be the building blocks for the second semester. Chemistry is a method of inquiry founded upon the order of the natural world and the design of our Creator. The building of critical thinking skills and laboratory investigation will continue in order to reduce problems to identifiable and answerable conclusions, based on the validity and absolute order of God's creation. Areas of study will include, but not be limited to, physical characteristics of gases, the gas laws, molecular composition of gases, states of matter, and ions in aqueous solutions. Methods of learning will include lecture, problem solving, demonstrations, independent student-based research and presentations, and experimentation. A cumulative final exam will be given at the end of the second semester. *Prerequisite: Biology*

Physics**Two Semesters****1 Credit**

Grades 11, 12 Physics is a college preparatory course for those with a strong math background. Physics will provide students with a general understanding, knowledge, and awareness of the physical world around them from a Biblical world view. Topics will introduce the concepts of mechanical, electrical, and atomic physics. Areas of study include: laws of motion, mechanics, work, energy, equilibrium, and fluids. Areas of study include: wave theory, sound, light, heat, kinetic theory, electricity, electric circuits, magnetism, electromagnetism, relativity, and atomic theory. *Prerequisite: Chemistry, Algebra II with a second semester grade of C or higher*

Honors Anatomy and Physiology**First Semester****1 HS Credit**

Grade 11, 12 This course is an introductory study of life processes and biological principles. Special reference to the human organism is used in describing the nature of life-sustaining functions. Cellular function and the structure and function of the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems are introduced. Laboratory experiences are designed to supplement the lecture topics and include microscopy, the study of models, specimen dissection, cadaver study, and physiological experiments.

Honors Anatomy and Physiology**Second Semester****1 HS Credit**

Grade 11, 12 This course presents the basic terms and concepts that deal with the structure and processes of the human body. It involves examination of the body as a whole, the cell, and tissues. The basic structure and physiology of the integumentary, skeletal, muscular, nervous, cardiovascular, lymphatic, respiratory, digestive, urinary, reproductive, and endocrine systems are presented. Laboratory exercises enhance and support the lecture topics and include microscopy, the study of models, specimen dissection, cadaver study, and physiological experiments.

SOCIAL STUDIES DEPARTMENT**Social Studies 7: World History****All Year**

This course covers World studies from 750 B.C. to 160 A.D.: Ancient Greece to the first Global Age. The strands of history, geography, government, and economics will be included. World civilizations covered will be Ancient Greece, the Romans Empire, Byzantine Empire, empires of Africa and Asia, the European Middle Ages, the Renaissance, and the Protestant Reformation. Students will learn about the roots of American heritage through the histories of many cultures. World civilizations and movements will also be explored through the lens of a biblical and Christian worldview. The final six weeks will contain lessons about the history and government of the State of Ohio.

Social Studies 8: United States History**All Year**

This course covers U. S. history from 1492 to 1877: Exploration through Reconstruction. Students will explore the political, constitutional, economic, social, religious, and multicultural developments which have shaped the American way of life. Major events studied will be colonial development, the Revolutionary War, the challenges of the formation of the new nation, the Constitution, Manifest Destiny, the Civil War, and the Reconstruction. Students will also explore the influence of the biblical and Christian worldview of many of the early leaders of the country.

World History and Geography**Two Semesters****1 Credit**

Grade 9 Students will engage in learning history through the lens of geography. This year will focus on how geography has shaped cultures and influenced history around the world. Contemporary issues will be explored through the lens of geography and a biblical and Christian worldview. Students will learn about different climates, ecosystems, people groups, natural resources, cultures, technology, and the spread of various religions with Christianity being highlighted. Students will learn to integrate biblical worldview understanding with their understanding of global history. Research projects and presentations will be emphasized throughout the year.

U. S. History**Two Semesters****1 Credit**

Grade 10 The U.S. History course is built around the timeline from 1877-present. The course will begin with a review of the Reconstruction. Students will also explore the nation's story throughout the Industrial Age, the "melting pot" era, territorial expansion, World War I, the Roaring 20's, and the Great Depression. The study continues with World War II, the Cold War, Korea/Vietnam Wars, the 1960's conflicts to the present. Students will learn how to conduct interviews and give speeches, resulting from their research.

American Government**First Semester****½ Credit**

Grade 11, 12 Students begin this course by examining the Christian influence upon the creation of the American form of government. Special attention will be given to the Federalist Papers, Constitution and the Bill of Rights. An elections unit will challenge students to explore their choices among candidates and issues. Students will also study the three branches of the federal and state government, including individuals presently holding those positions. Students will also learn about local governments and begin each day with a review of current events.

Economics**Second Semester****½ Credit**

Grade 11, 12 This course is a survey course of principles of economics, budgets, credit, investments, debt, supply and demand. A unit on the history of Socialist and Fascist governments and economics will be included. The course is designed to be a practical element of managing money and understanding the financial aspects of our world in light of God's Word before students graduate as well as daily discussions of current events. A portion of this course will include instruction and discussion about personal financial developed to assist students in the area of responsible financial planning and living.

Social Science Department College Credit Plus Offerings**HIST 1010 – Am. Culture & History to 1877****First Semester****1 HS Credit/3 College Credits**

This American Studies course is an introductory survey course covering the development of American politics, law, religion, philosophy, art, and literature from 1600 to 1877. The goal of the course is to help students understand the cultural development of the United States especially in relation to its religion, art, philosophy, law, and political system. *Prerequisite: See CCP guidelines.*

HIST 1030 – Am. Culture & History From 1877**Second Semester****1 HS Credit/3 College Credits**

This American Studies course is an introductory survey course covering the development of American politics, law, religion, philosophy, art, and literature from 1877 to the present. The goal of the course is to help students understand the cultural maturity of the United States especially in relation to its religion, art, philosophy, law, and political system. *Prerequisite: See CCP guidelines.*

HIST 1050 – Western Civilization I**First Semester****1 HS Credit/3 College Credits**

This course presents an overview of European civilization from antiquity to about the year 1600, stressing the chief political, social, cultural, and religious developments within this span of time. This class will help students gain a better understanding of the historical narrative of European civilization, particularly as it relates to political institutions and structures and social and cultural developments; develop improved textual interpretation skills through the careful reading and discussion of ancient and medieval texts; and refine their ability to express ideas and produce convincing arguments through writing essays and short paper. *Prerequisite: See CCP guidelines.*

HIST 1070 – Western Civilization II**Second Semester****1 HS Credit/3 College Credits**

This course presents an overview of European civilization from around 1500 to the present, stressing the chief political, social, cultural, and religious developments within this span of time. This class will help students gain a better knowledge of the historical narrative of European civilization, particularly as it relates to political institutions and structures and social and cultural developments; develop improved textual interpretation skills through the careful reading and discussion of historical texts; and refine their ability to express ideas and produce convincing arguments through writing essays and a short paper. *Prerequisite: See CCP guidelines.*

TECHNOLOGY**STEM: Guiding Verse: Ephesians 3:14-21**

14 When I think of all this, I fall to my knees and pray to the Father, 15 the Creator of everything in heaven and on earth. 16 I pray that from his glorious, unlimited resources he will empower you with inner strength through his Spirit. 17 Then Christ will make his home in your hearts as you trust in him. Your roots will grow down into God's love and keep you strong. 18 And may you have the power to understand, as all God's people should, how wide, how long, how high, and how deep his love is. 19 May you experience the love of Christ, though it is too great to understand fully. Then you will be made complete with all the fullness of life and power that comes from God. 20 Now all glory to God, who is able, through his mighty power at work within us, to accomplish infinitely more than we might ask or think. 21 Glory to him in the church and in Christ Jesus through all generations forever and ever! Amen

STEM 7**One Semester**

What do earthquakes, quicksand, and Jell-O® have in common? Each is an adventure that will be explored in STEM Introduction! In Section Alpha, students who are taking their first middle level STEM course will experience exciting, hands-on, project-based learning units. Units will focus on solving real-world problems through critical thinking, collaboration, communication, and creativity. Additional skill development will be integrated, including Google Suite applications, basic graphic design, basic computer aided design (CAD), coding, and digital citizenship. No prior experience is necessary for this section.

STEM 8**One Semester**

What do rockets, quicksand, and smartphones have in common? Each is a topic that will be explored in STEM Introduction! In Section Beta, students who have already completed a middle level STEM course will continue exploring exciting, hands-on, project-based learning units that focus on solving real-world problems through critical thinking, collaboration, communication, creativity, Christian ethics, and community outreach. This section will focus on increasing competence and confidence in previously learned skills, such as Google Suite applications, graphic design, computer aided design (CAD), coding, and Internet & social media basics and safety. Section Beta is designed for students who have previously completed STEM 7. No prior experience is necessary for this section.

STEM I**Two Semesters****1 Credit**

In this course, students will explore the STEM space through hands-on, project-based learning units that focus on developing a toolbox of foundational 21st century skills through critical thinking, collaboration, communication, and creativity! Potential project areas include manufacturing, electronics, architecture, app development, biomedical engineering, thermodynamics, ergonomics, and agriculture. Emphasis will be placed on application of foundational STEM skills in various careers through visiting professionals and field trips. Additional skill development will be integrated, including coding, 2D and 3D design, 3D printing, Google Suite, and digital citizenship. No experience is necessary for this course.

STEM II**Two Semesters****1 Credit**

In this course, students will explore the different fields of STEM through hands-on, project-based learning units that focus on solving real-world problems through critical thinking, collaboration, communication, and creativity! The course will begin by surveying the fields in the STEM space. During remaining units, students will follow their interests and approach the design challenges from the perspective of a specific field. Emphasis will be put on developing full-scale, physical projects. Additional skill development will be integrated, such as coding, advanced 3D modeling, 2D and 3D printing tools, rough carpentry, data recording tools, and film editing.

Prerequisites: B or higher in STEM I or equivalent.

STEM III**Two Semesters****1 Credit**

STEM Frontiers is available to students who are enthusiastic about taking initiative in exploring the STEM space. In this “choose your own adventure” style class, the instructor will present current, real-world problems for which teams of students will develop & implement realistic solutions. With guidance from the instructor, each team will explore the advanced technical tools needed for their proposed solutions. Solutions will require application of critical thinking, collaboration, communication, and creativity. Students taking this course will be encouraged to develop skills that will prepare them to excel in our global community, such as time management, resource stewardship, cultivation of professional relationships, and effective presentation methods. *Prerequisites: B or higher in STEM II or equivalent.*

Yearbook**Two Semesters****1 Credit**

Grades 10, 11. The student will learn the basics of digital photography and graphic design while collaborating with the rest of the yearbook staff to produce a high-quality yearbook. The entire production of the yearbook including orders, advertising sales, and promotion will be accomplished using online publishing software provided by the yearbook company.

Introduction to Radio**Two Semesters****1 Credit**

Grades 10, 11, 12 This class will introduce students to radio broadcasting and prepare students to operate the school's campus radio station, 103.3 The Flame. A history of radio, studio operation, FCC rules, and the growth of Christian radio will be studied, along with the basics of reading and performing for radio. Basic production skills will also be taught, in preparation for the second year of the program. *Prerequisite: 2.75 overall GPA; Guidance Counselor and Radio Station Manager approval.*

Introduction to Radio Production**Two Semesters****1 Credit**

Grades 11, 12 Students build upon the hands-on production skills learned in the Introduction class. Advanced techniques of studio use, with an emphasis on multi-track production used in the radio industry will be taught. Studio skills will continue to be developed using the campus radio station, 103.3 The Flame, as well as on WVMCFM. *Prerequisite: Introduction to Radio with a grade of B or higher OR Guidance Counselor and Radio Station Manager approval.*

Advanced Radio**Two Semesters****1 Credit**

Grade 12 Students in this course serve as hosts of The Audition, a weekly music show on WVMC FM. Students will also learn more about radio station programming, production, management, promotions, fundraising and engineering. Careers in radio ministry, and college visits will be discussed. Field trips and college visits are possible. *Prerequisite: Introduction to Radio and Introduction to Radio Production, with a grade of B or higher in BOTH courses, AND Radio Station Manager approval.*

OTHER ELECTIVES**Public Speaking 1****First Semester****½ HS Credit**

This course is designed to satisfy the general studies core requirements in communication and is commonly called Speech. Completion of this course will prepare students for the preparation and delivery of speeches. The students will be provided the opportunity to deliver speeches to a classroom audience, critically evaluate their own speeches through video and observe/analyze other speech presentations. *Prerequisite: Successful completion of 10th grade English with a C or better.*

Public Speaking 2**Second Semester****½ High School Credit**

This high school course is designed to be a follow-up course to the Public Speaking 1. In this course students will be given the opportunity to move towards competency. Students will be expanding upon the basic principles taught in the first semester to include narrative inflection, dramatic elements and potentially competition style oration. Additionally, students will be introduced to broad aspects of theatre and how public speaking/speech are connected to theatrical performance. Students will be able to perfect their skills within the classroom and with additional opportunities outside the classroom to perfect their craft. *Prerequisite: Successful completion of Public Speaking 1 with a C- or better.*

Vocal Worship Leadership**Two Semesters****1 Credit**

This course is designed for those who are interested in becoming worship leaders. The course will include defining worship and what a worship leader is as well as opportunities to lead worship and improve leadership skills. This will also include instruction in basic music theory.

Technical Worship Leadership**Two Semesters****1 Credit**

This course will offer student's opportunity to learn about what worship is and how the technical side of worship leadership can serve as personal worship. The students will gain practical experience with planning, preparing and setting up chapel.

Office/Teacher Aides**Two Semesters****½ Credit**

Grades 10, 11, 12 This is a service class. Enrollment in the course each period will depend upon the school's need during that time. Students in this class will be expected to carry out duties necessary to assist Mansfield Christian School staff. *Prerequisite: Upon approval and recommendation of the classroom teacher.*