



McComb High School Curriculum Guide

2022-2023



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MISSION FOR MCCOMB LOCAL SCHOOL

The McComb Local School District is dedicated to creating a partnership where school, family, and community work together. We will provide the curriculum, instruction, and intervention necessary to develop all students to their fullest potential as confident, continual learners and future productive community members within a safe and supportive environment. We must all work collaboratively to meet the needs of a diverse student population as we strive for social, emotional, and academic growth within our students.

MCCOMB HIGH SCHOOL PHILOSOPHY

We, the faculty of McComb High School, believe the community should provide for the physical facilities, the instruction, and guidance in a curriculum that will enable the student to grow intellectually, morally, physically, and socially. These goals can be accomplished through cooperation among community, administrators, teachers, and students.

We believe that self-discipline is a result of learning to follow rules and regulations in any situation. This requires mutual respect between individuals for the rights of others regardless of race, religion, gender, and physical handicaps.

We believe that a successful educational environment consists of four segments. These components include: motivated teachers competent in their respective fields, disciplined students ready to accept the challenges of the educational process, parents and guardians who have made education a priority in their homes by understanding and supporting the educational process, and an administration and board of education to provide the guidance needed to achieve this philosophy and these goals.

MCCOMB HIGH SCHOOL GOALS

To provide opportunities for:

1. Mastery of fundamental subjects, such as reading, writing, science, citizenship, and arithmetic.
2. The development of physical fitness and personal hygiene.
3. The development of basic and vocational skills needed to meet the requirements of a career in today and tomorrow's job market.
4. Guidance to the high school student enabling him/her to have a career that is both successful and satisfying.
5. Developing a system of values and a set of behavioral traits essential for self-discipline and ethical character.
6. Preparing the student for responsible citizenship on local, state, federal, and world levels by drawing from historical events and experiences, as a basic foundation to deal with future problems.
7. Social development in any environment such as home, school, and community.
8. The development of knowledge and skills necessary for worthy use of leisure time.
9. Extra-curricular activities where students can learn to work as a team and expand individual talents and skills.
10. Increasing the students' awareness of the environment, the human needs which shape it, and their responsibilities in doing so.
11. Computer literacy and skill development.
12. The use of media in the pursuit of media knowledge.

A MESSAGE TO STUDENTS AND PARENTS

This curriculum guide has been developed to provide information, which will allow each student at McComb High School to choose a suitable high school program of study. This program should be done as a combined effort of the student, the parents, the school counselor, and the faculty. Through the proper selection of courses, you can be assured that school will be more "interesting and meaningful to you." A properly selected program of study will help you, the student; gain satisfaction and happiness in your high school career. The time to plan for any important endeavor is before it begins. The following suggestions will help you select an appropriate program.

1. Consider the basic courses that must be taken to meet the minimum McComb High School graduation requirements.
2. Review your future career plans and the things that interest you now and try to take courses that will increase your knowledge in your career and interest areas.
3. Discuss with your teachers the courses that they suggest you take next year.
4. Be realistic about your ability and aptitude to do various types of high school work. Discuss with the school counselor the results of various achievement and aptitude tests you have taken to find out where your strengths and weaknesses are in relation to courses for which you are considering registration.
5. The grades that you have earned in the past need to be considered. For example, if you did not earn at least a "B" in Biology, you might have a lot of difficulty if you sign up for Anatomy and Physiology.

NONDISCRIMINATION POLICY

McComb High School does not discriminate against any student on the basis of sex, race, or ability. Curriculum, counseling practices, testing, treatment of students and all extracurricular activities are available to students on a non-prejudicial basis.

REQUIREMENTS FOR HIGH SCHOOL DIPLOMA

English	4 credits
Mathematics	4 credits
Social Studies	3 credits
Science	3 credits
Health	1/2 credit (one semester)
Physical Education	1/2 credit (two semesters)
Electives	5 credit (1 Fine Art + 4 additional)

Twenty (20) credits are required for graduation. Some additional elective courses may be required for McComb students but are not listed above as a graduation requirement, such as completion of computer technology, student leadership and personal wellness. These courses are important electives that contribute to the well-rounded development of our students.

Students will also be required to take end-of-course exams in the following subjects: Algebra 1, Geometry, Biology, American History and American Government, and English 10.

The Ohio Department of Education Graduation has set requirements in regards to proficient scores on state testing as well as required readiness seals. The graduation requirements for the Class of 2023 and beyond can be found: <http://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements>

Students in the graduating class of 2023 and beyond must do the following in order to earn their diploma:

1. **Cover the Basics** by earning a minimum of 20 credits in specified subjects and take the required state tests.
2. **Show Competency** by earning a passing score on Algebra I and English II tests.
3. **Show Readiness** by earning two diploma seals (one of which must be Ohio-designed).
 - OhioMeansJobs Readiness Seal (Ohio)
 - Industry-Recognized Credential Seal (Ohio)
 - College-Ready Seal (Ohio)
 - Military Enlistment Seal (Ohio)
 - Citizenship Seal (Ohio)
 - Science Seal (Ohio)
 - Honors Diploma Seal (Ohio)
 - Seal of Biliteracy (Ohio)
 - Technology Seal (Ohio)
 - Community Service Seal (Local)
 - Fine and Performing Arts Seal (Local)
 - Student Engagement Seal (Local)

More detailed information about the graduation seals can be found on the Ohio Department of Education and the McComb High School Website.

No student is permitted to have more than one study hall per day, unless approved by principal/counselor. **The final responsibility for the pupil's progress toward graduation lies with the parent and pupil.** Educational options, summer school, correspondence courses, and tutoring information are available from the school counselor. Any student who wishes to participate in the graduation ceremony must pass all of their classes 2nd semester of their senior year in order to be eligible for graduation. The honor of participating in graduation may be revoked at the discretion of the high school principal based on student behavior, attendance or incomplete of graduation requirements.

A student who completes a secondary school curriculum through their senior year may earn the following:

1. **Standard Diploma**--student successfully completes the curriculum of any high school and completes all parts of ODE's additional requirements.
2. **Diploma with Honors**--student completes all ODE requirements and meets at least seven of the eight criteria listed in this paragraph for the college preparatory curriculum. A student shall not be required to meet more than the specified number of criteria, nor shall any student be required to meet any one specified criteria.
 - a. Earn four credits of English
 - b. Earn at least four credits of mathematics which shall include algebra I, algebra II, geometry and another higher level course, or a four-year sequence of courses which contains equivalent content;
 - c. Earn four credits of science, including 2 units of an advanced science
 - d. Earn four credits of social studies
 - e. Earn either three credits of one foreign language or two credits of two foreign languages
 - f. Earn one credit of fine arts
 - g. 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; or
 - h. Obtain a composite score of twenty-seven on the American College Testing program (ACT) test or an equivalent composite score on the Scholastic Assessment Tests (SAT)
3. **A Diploma with Honors Career Technical Pathway**--The student who completes an intensive Career-Technical Education Pathway must meet at least seven of the following eight criteria:
 - a. Earn four credits of English;
 - b. Earn at least four credits of mathematics which shall include algebra I, algebra II, geometry and another higher level course, or a four-year sequence of courses which contains equivalent content;
 - c. Earn at least four credits of science, including two advanced sciences;
 - d. Earn four credits of social studies;
 - e. Earn four credits in a career-technical education program that leads to an industry-recognized credential, results in an apprenticeship or is part of an articulated career pathway, which can lead to post secondary credit. If the student's program design does not provide for any of these outcomes, then the

- student must achieve the proficiency benchmark established for the applicable Ohio career-technical competency assessment or the equivalent;
- f. Achieve the proficiency benchmark established for the Ohio Career-Technical Competency Assessment (available at http://www.webxam.org/info_docs.asp) or equivalent assessment aligned with state-approved and industry validated technical standards;
 - g. Maintain an overall high school grade point average of at least 3.5 on a 4.0 scale up to the last grading period of the senior year; or
 - h. Obtain a composite score of 27 on the American college testing service's ACT assessment (excluding the optional writing test) or a combined score of 1210 on the college board's SAT verbal and mathematics sections (excluding the score obtained on the required writing section).

MCCOMB HIGH SCHOOL GRADING POLICY

I. Nine Weeks Grades

- A. Instructors may use a nine-week grading policy they feel best meets the requirements of their subject area. Each teacher's grading policy must be submitted in writing to the High School Principal. It is recommended that a course syllabus be given to your students explaining your grading policy and procedures.
- B. All nine week grades will be placed on the grade sheets as a percentage equivalent based on the following scale: (Percents are recorded as whole numbers only; decimals will not be rounded).
 - 90-100 = A
 - 80-89 = B
 - 70-79 = C
 - 60-69 = D
 - 0-59 = F (Failure)
 - I - Incomplete (See Instructor for make-up work)

II. Averaging Semester Grades

Each 9 week grading period will count towards 50 percent of a student's grade for the semester. To compute: Add the percentage earned for the two grading periods and divide by 2. A semester average of an F will result in NO credit earned for the semester. Grades will not be averaged for the entire year unless it is a college credit plus course taken at McComb.

III. Averaging Yearly Grades

The only class(es) which will have yearly grades are our College Credit Plus courses offered at McComb through dual enrollment. Those classes include College Algebra (MTH 170), College Trigonometry (MTH 173), College Statistics (MTH 213), Life-An Intro to Biology (BIO 101) and Human Anatomy and Physiology (BIO 121). Each grading period will count 25 percent. To compute: Add the percents of the four grading periods and then divide by 4.

IV. Transfer of Grades

- A. Grades transferred from another school system will be converted to the McComb High School grading policy as outlined in I, II, and III above.
- B. The letter grades earned at affiliated special program schools, such as the Millstream Career Cooperative, will be retained as letter grades on the report cards.

GRADE POINT AVERAGE AND HONOR ROLL

Each student's GPA (grade point average) will be computed at the end of each semester and all courses taken will be counted into the average. College credit plus yearlong classes that are taken at McComb will not be calculated into a student's GPA until the end of the year when grades are finalized. In calculating GPA, letter grades have the following numerical value: A-4 points, B-3 points, C-2 points, D-1 point, and F-0 points.

Two honor rolls will be published at the end of each grading period. The all "A" honor roll will exclusively list only those students who have earned A's in all their courses. The "A-B" honor roll will list all students who have earned all A's or B's. No student will be listed on this honor roll with the grade of C or lower. Students who have an "incomplete" in a course will not be listed on the honor roll. A student must carry five credits (a full-time student) to be considered for the honor roll.

CLASS RANK/GRADUATION HONORING/CLASS SPEAKER

Graduation recognition and honors are based on a system better aligned with the ideals of university admissions and workplace expectations. Academic ranking will be determined using a system of factors that includes GPA, course selections that include advanced study in several content areas, College Credit Plus participation and general electives, ACT score, and service hours' requirement. Students can earn the designation into the following three categories based on the specific criteria noted below. Students who do not meet all of the requirements of the highest designation will be considered for the next designation. Panther Academy students will not be eligible to earn this designation unless specifically approved by administration due to extenuation circumstances.

Please note: Deadline for the final submission of criteria will be May 1st of the graduation year. Class rank will be determined strictly by GPA and transcripts will reflect rank based solely on GPA at the end of each semester. Students with the same GPA will have the same numerical rank.

Graduation Honors for the Class of 2023 and Beyond:

Summa Cum Laude

- 3.75 minimum grade point average
- ACT score 24+
- Completion of 2 College Credit Plus courses
- 4 units of English (2 of which must be considered "Advanced"/CP or CCP)
- 4 units of Math (Alg I, Geometry, CP Alg II or equivalent, and 1 advanced beyond Alg II)
- 4 units of Science (2 of which must be Chemistry, Physics or another advanced Science)
- 3 units of the same foreign language

- 4 units of Social Studies
- 1 credit in the fine arts
- ½ Physical Education and ½ Health
- 2 additional credits from Math, Science, Social Studies, or elective offerings.
- 120 service hours (collected over the course of 4 years)

Magna Cum Laude

- 3.50 minimum grade point average
- ACT score of 22+
- Completion of 1 College Credit Plus course
- 4 units of English (1 of which must be considered “Advanced”/CP or CCP)
- 4 units of Math (Alg I, Geometry, CP Algebra II or another advanced math equivalent)
- 4 units of Science (2 of which must be Chemistry, Physics or another advanced Science)
- 3 units of the same foreign language
- 4 units of Social Studies
- 1 credit in the fine arts
- ½ Physical Education and ½ Health
- 2 additional credits from Math, Science, Social Studies, or elective offerings.
- 100 service hours (collected over the course of 4 years)

Cum Laude

- 3.25 minimum grade point average
- ACT score of 20+
- 4 units of English
- 4 units of Math (including Alg I, Geometry, Alg II)
- 4 units of Science
- 3 units of the same foreign language
- 4 units of Social Studies
- 1 credit in the fine arts
- ½ Physical Education and ½ Health
- 2 additional credits from Math, Science, Social Studies, or elective offerings.
- 50 service hours (collected over the course of 4 years)

As we transition to this new way of honoring our students for their accomplishments, the following will be the prorated service requirements for the upcoming graduating classes. We will also continue to recognize a Valedictorian and Salutatorian for the Class of 2023 only and then transition solely to this new honoring system.

Summa Cum Laude: Class of 2023 (30hrs), Class of 2024 (60hrs), Class of 2025 (90hrs)

Magna Cum Laude: Class of 2023 (25hrs), Class of 2024 (50hrs), Class of 2025 (40hrs)

Cum Laude: Class of 2023 (15hrs), Class of 2024 (25hrs), Class of 2025 (35hrs)

Graduation Speaker: Any senior who has met the requirements of a high school diploma and will be participating in graduation will be permitted to submit a speech for the opportunity to speak at graduation. A committee composed of the senior class advisor(s), the high school principal and the school counselor will determine which 1-2 student(s) will earn the honor of being class speaker depending on the quality and content of the submitted speech.

GRADE CARDS AND INTERIM REPORTS

Grade cards will be available online one week after the grading period ends. Interim Reports will be available in the middle of each nine-week grading period. These reports will reflect middle of the grading period progress.

STUDY SKILLS

We strongly recommend that all students spend a minimum of one half hour of homework/study time (five days a week) on each academic subject pursued. If you have no studying to do in order to complete this 2 1/2 hour time frame, you should read a good book!

Things you can do in addition to specified homework assignments includes but are not limited to:

1. Rewriting classroom lecture notes, or lab reports.
2. Checking lecture notes while they are still fresh in your mind. In terms of understanding material, one hour spent as soon after a lecture as possible is worth several hours a few days later.
3. Outlining an English or Science chapter to review for a quiz or chapter test.
4. Rethinking, e.g. foreign language vocabulary words by making up English sentences and transcribing them into the foreign language.
5. Reviewing, for example reviewing the theorems in geometry so one knows them verbatim and can apply them to problems not previously assigned.
6. Getting a good night's sleep before a test—no cramming! Research indicates that sleep aids in sealing in information.
7. If there isn't any studying to do—READ!!

If you need additional material or help with study skills, see the school counselor for additional help.

INCOMPLETES AND CHEATING

It should be noted by parents, students and faculty that cheating is an academic issue of moral and ethical concern. Instructors will not tolerate cheating to improve grades.

Grades of incomplete will be given only to students who have been absent due to illness. All other reasons for not completing required work by the completion of the grading period will result in a grade of F for the incomplete work

MILLSTREAM CAREER CENTER

McComb High School juniors and seniors have the option of attending the career technical and vocational education programs at Millstream Career and Technology Center. You are still considered a McComb student and will graduate with your own class at MHS.

As a sophomore you will be informed in more detail about the classes that are offered at Millstream. You will have the opportunity to visit the programs at Millstream and then make the decision whether to request enrollment in the program. To be eligible to attend Millstream, a student should be passing all 9th and 10th grade required classes, have good attendance, and have an accumulate GPA of at least 2.0 (2.5 for College Prep classes).

College Prep Education is designed to prepare students for college in a high tech career. College Prep classes include:

Computer Networking & Cybersecurity
Computer Programming
Marketing
Teaching Professions

Engineering & CAD Technologies
Media Productions and Visual Design
Health Professions

Vocational Education is designed to prepare students to seek further education at a technical school, become a member of an apprenticeship program, enter employment immediately upon graduation. Vocational classes include:

Business and Management

Computer Networking & Cybersecurity
Computer Programming
Marketing

Industrial and Engineering

Automotive Technology
Construction Skills
Welding Technology

Human Resources Career Cluster

Cosmetology
Culinary Arts
Hospitality and Restaurant Services
Job Training Coordinating

Training in each program consists of related classroom instruction and practical job experience aimed at developing the knowledge and skills required for job success.

Millstream can prepare you for some of the approximately eighty percent of the occupations in the United States that require less than a four-year college degree. Within each of the vocational areas of training, there are many related occupations that a person would be qualified to perform.

Leadership in Vocational Education is provided through membership and participation in the following clubs: Distributive Education Clubs of America (DECA), Office Education Association (OEA), Vocational Clubs of America (VICA), Future Farmers of America (FFA), Business Professionals of America, and Home Economics Related Occupations (FHA-HERO).

Attendance at Millstream will not affect practices or participation in sports at McComb and transportation to and from Millstream is provided by McComb Schools. A decision to attend Millstream will reduce elective course selections at McComb. Depending on the program, up to 3 credits per year can be earned at Millstream. Students may have the option of taking college prep English at Millstream as well. All other required classes for graduation will be scheduled at McComb.

Each year Millstream gets minimum student enrollment numbers that are needed to offer a program. Students may need to select an alternate educational program in case their area of study is eliminated.

SUGGESTED CURRICULUM

Electives taken should represent as broad a spectrum as possible.

COLLEGE PREPARATORY FOR A FOUR-YEAR DEGREE

<u>FRESHMAN</u>	<u>CREDIT</u>	<u>JUNIOR</u>	<u>CREDIT</u>
CP English 9	1	CP English 11	1
Physical Science	1	Chemistry	1
Algebra I or Geometry	1	(CP) Algebra II or MTH 170	1
US History I/World History	1	Foreign Language	1
CPT 1250 Computer Tech	1	Electives*	3-4
Phys. Ed. (1 semester)	1/4		
Foreign Language	1		
Electives	1-2		

<u>SOPHOMORE</u>	<u>CREDIT</u>	<u>SENIOR</u>	<u>CREDIT</u>
CP English 10	1	CP English 12	1
Biology	1	Physics, BIO 101, BIO 121	1
Geometry or (CP) Algebra II	1	MTH 170, MTH 213	1
US History II	1	Government	1
Student Leadership	1/2	Electives*	3-4
Personal Wellness	1/2		
Foreign Language	1		
Electives	1-2		

*Some suggested electives for the college bound student may be Psychology/Sociology, Creative Writing/Speech and Debate, or any of our additional elective offerings to create a well-rounded educational experience. The **minimum** College Prep Curriculum recommended by the Ohio Board of Regents and the Ohio Education Department is: (courses must be college preparatory level)

4 units of English	4 units of Math	3 units of Natural Science
3 units of Social Studies	2 units of Foreign Language	1 unit of Fine Arts

**STANDARD TRACK FOR WORKFORCE, APPRENTICESHIP, or CAREER
READY STUDENT**

<u>FRESHMAN</u>	<u>CREDIT</u>	<u>JUNIOR</u>	<u>CREDIT</u>
English 9	1	English 11	1
Physical Science	1	Algebra II	1
Algebra 1	1	Environ. Sci or Astronomy	1
US History I/World History	1	Electives*	4-5
CPT 1250 Computer Tech	1		
Phys. Ed. (1 semester)	1/4		
Ag. Science (1/2 science cred)	1.25		
Electives	2		

<u>SOPHOMORE</u>	<u>CREDIT</u>	<u>SENIOR</u>	<u>CREDIT</u>
English 10	1	English 12	1
Biology	1	Financial Alg/Elem Statistics	1
Geometry	1	Government	1
United States History II	1	Electives*	4-5
Student Leadership	1/2		
Personal Wellness	1/2		
Ag. Science (1/2 science cred)	1.25		
Electives	2-3		

*These electives may consist of Millstream elective courses, fine/arts electives, or CBI/work-based learning elective credits.

Electives taken should represent as broad a spectrum as possible. The academic subjects will be taken at MHS, and the vocational subjects may be taken at a MHS or Millstream.

COURSE DESCRIPTIONS

(Fees listed in Curriculum Guide are an estimate and are subject to change)

ENGLISH **FOUR CREDITS ARE REQUIRED FOR GRADUATION**

English 9	1 credit	9	Required	\$12.00 Fee
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This course will focus on exposing students to various styles of literature. They will be reading short stories, poems, dramas, and novels to learn characteristics of different genres while improving their vocabulary and comprehension skills. Basic rules of grammar, capitalization and punctuation are reviewed and reinforced in all aspects of writing. Also, basic writing skills such as paragraph structure and short essays will be studied and written. An introduction to the research paper will provide students with basic research skills to prepare them for higher-level courses. *This is an NCAA approved course*

College Prep English 9	1 credit	9	Required	\$12.00 Fee
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CP English 9 is a course designed for those students who are planning on attending college. This course will focus on exposing students to various styles of literature. CP English 9 will focus on being student led with various projects and informal and formal speeches. Students will have the opportunity to facilitate discussion and dive deeper into analysis of the various genres read throughout the year. They will be reading short stories, poems, dramas, and novels to improve their vocabulary and critical thinking skills. Rules of grammar, capitalization and punctuation are reviewed and reinforced in all aspects of writing. An introduction to the research paper will provide students with basic research skills to prepare them for higher-level courses. *This is an NCAA approved course* **Prerequisite:** Must meet 3 out of 4 required criteria from 8th grade including grades, AR and OST test scores and teacher recommendation.

English 10	1 credit	10	Required	\$12.00 Fee
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The student will continue to improve and develop language arts skills as they apply to a wider variety of audiences, conditions, and purposes. Emphasis will focus on the study of composition and various literary genres including the novel, dramas, short story and poetry. Writing skills stressing improvement of paragraph construction, and longer compositions will be practiced, as well as further development of research skills. A continuation of exposure to various career options will be implemented. Curriculum will focus on state content standards assessed on the Ohio State Test (OST) ELA II test for graduation. *This is an NCAA approved course* **Prerequisite:** English 9.

College Prep English 10	1 credit	10	Required	\$12.00 Fee
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CP English 10 is a course designed for those students who are on the track to attend college. CP English 10 will focus on being student led with various projects and presentations throughout the year. Students will have the opportunity to facilitate discussion and enhance analytical and critical thinking skills throughout the various literature read in class. The student will continue to improve and develop language arts skills as they apply to a wider variety of audiences, conditions, and purposes. Emphasis will focus on the study of composition and various literary genres including the novel, dramas, short

story and poetry. Writing skills stressing improvement of longer compositions as well as further development of research skills. Curriculum will focus on state content standards assessed on the Ohio State Test (OST) ELA II test for graduation. *This is an NCAA approved course* **Prerequisite:** Successful completion of English 9, including teacher recommendation.

English 11 1 credit 11 Required \$12.00 Fee

This course integrates the traditional English course with a practical emphasis on reading, writing, critical thinking and collaborative learning. The writing involved in this course will provide skills practice in writing paragraphs, essays, journals and a research paper. Students will also be required to read novels individually and as a class. Students will also learn to give formal and informal oral presentations. In addition, students will write resumes and cover letters. *This is an NCAA approved course* **Prerequisite:** English 10.

College Prep English 11 1 credit 11 Required \$12.00 Fee

CP English 11 is designed for students who are focused on attending college. This course focuses on the reading and study through analysis, interpretation and evaluation of quality American literature representing a range of time periods and literary forms. In addition, the course will emphasize the process and completion of literary analysis, argumentative papers to prepare students for CP English 12. The classroom environment promotes critical thinking and cooperative learning. Students will also work on using aspects of technology and media. *This is an NCAA approved course* **Prerequisite:** Successful completion of English 9 and 10, including teacher recommendation.

English 12 1 credit 12 Required \$10.00 Fee

English 12 is designed for students who are going to enter the workforce after high school graduation. This course focuses on the reading and study through analysis, interpretation, and evaluation of British and American literature representing a range of time periods and literary forms. In addition, the course will emphasize the process and completion of analysis, exposition, and argumentative essays. Students will work on oral presentations as well as learning to work with different aspects of technology to aid their presentations. Students will learn to create cover letters, complete job applications, write thank you letters, and develop interview skills. *This is an NCAA approved course* **Prerequisite:** Successful completion of English 9, 10 and 11.

College Prep English 12 1 credit 12 Required \$20.00 Fee

CP English 12 is designed for students who are serious about attending college. The course focuses on reading and study through analysis, interpretation and evaluation of quality British Literature representing a range of time periods and literary forms. In addition, the course will emphasize the process and completion of analysis, exposition and argumentative writing to prepare students for the various types of writing and research they will encounter in a college setting. The classroom environment promotes critical thinking and cooperative learning. Students will also work on polishing their oral presentation skills by incorporating different aspects of technology and media including, but not limited to: publisher, power point and google slides. Students must complete the final research paper in order to receive credit for the course. Students will also develop a list of their accomplishments to use for college and scholarship applications. *This is an NCAA approved course* **Prerequisite:** Successful completion of English 9, 10 and 11.

ACT College Review and Composition 1 credit 10-12 Elective \$25.00 Fee

This course is designed for the college-bound student. It will include a review (prepping program for ACT) and assistance with writing college applications and scholarship essays. Students will also receive help with understanding FAFSA application. Admission counselors from area colleges/universities may speak to students on post-secondary transitions. Additional fees may be required and students will be responsible for paying for the ACT registration and any fees associated with a review program.

Creative Writing ½ credit 10-12 Elective No Fee

Creative Writing is a workshop-style introduction to fiction that explores the basic elements of the writing process. Through this class we will write short stories focusing on aspects of scene, narration, character, dialogue, and more. Students will read a variety of short stories as well as essays on the craft of writing in order to understand how fiction works. By the end of the year, students will have compiled a portfolio of their work. **Prerequisite:** English 9.

Speech and Debate ½ credit 10-12 Elective No Fee

Speech and debate is an introduction style class to public speaking and the art of rhetoric. Through this class we will explore many different forms of public speaking such as monologues, famous public speeches, debating and even trying out a little mock trial. The class will work on presentation, inflection, diction, as well as non-verbal communication. By the end of the semester, students will become comfortable speaking in front of the class and have experience delivering a wide range of speeches to an audience.

SCIENCE

THREE CREDITS REQUIRED FOR GRADUATION *

*Freshmen must take Physical Science to meet the Freshmen science graduation requirement. Students may take 2 years of agricultural science courses to fulfill the third science requirement. Read the description of each of these courses carefully, and then select the course that best meets your career goals. See Ag., Food & Natural Resources and Animal and Plant Science descriptions on page 19 for details.

Physical Science 1 credit 9 Required \$15.00 Fee

This course discusses the basics of the physical sciences chemistry and physics. Physics topics included are motion, forces, mechanics and energy. Chemistry topics include the periodic table, chemical bonding, and reactivity. This class may also include some basic earth science topics. This is an NCAA approved course*

Biology 1 credit 10-12 Required \$15.00 Fee

The purpose of this course is to introduce the students to the cell, the molecular basis of heredity, biological evolution, interdependence of organisms, matter and energy, and organization in living systems and the behavior of organisms. The students will be introduced to microscope techniques, hands-on experiments, and a laboratory dissection. Biology is aligned with the content standards for the Ohio State Test (OST) for graduation. *This is an NCAA approved course* **Prerequisite:** Physical Science

Astronomy 1 credit 11-12 Elective \$15.00 Fee

Astronomy is an elective science course that introduces students to the basics of observational astronomy. The course will cover the planets of our solar system, the Earth-Moon-Sun system, and will also introduce the history of astronomy, the night sky in the northern hemisphere, and will introduce students to basic equipment used historically and currently. **Students will be expected to make night-time observations regularly throughout the school year. Prerequisite:** Physical Science and Biology.

Environmental Science 1 credit 11-12 Elective \$15.00 Fee

This is a science course designed to investigate the role of humans in their environment. Students develop a knowledge base about their biological and physical environment. This information leads to exploration of human dependence on, technological control over, and interactions with the environment. Emphasis is placed on sustaining resources and making informed choices concerning environmental issues. Students may take this course during their junior or senior year. *This is an NCAA approved course*

Chemistry 1 credit 11-12 Elective \$15.00 Fee

Chemistry is recommended for college bound students. In this course we will cover the basics of chemistry to create a good foundation for students entering secondary education programs. Topics covered in detail include the periodic table, atomic structure, chemical bonding, and energy. *This is an NCAA approved course* **Prerequisite:** Must have passed Physical science, Algebra 1 and Geometry with a C or better .

Physics 1 credit 12 Elective \$15.00 Fee

Physics is recommended for students who are strong in math and logic problems. This is a course that requires students to be self motivated. Physics will cover things such as Newton's laws, waves, sound, electricity and magnetism. *This is an NCAA approved course* **Prerequisites:** Must have passed previous science classes and Algebra II with a C or better.

Biology II (BIO 101) 1 credit 11-12 Elective \$25.00 Fee

Students will study the characteristics of life, populations, evolution, biochemistry, cells and types of tissues, genetics, cell division, and the kingdoms of life. This is a first-year college course so students need to be self-motivated. Students will do hands-on labs and multiple dissections. The lab component will include the creation of a field guide of local flora. Successful completion of this course will earn

Current Events	½ credit	9-12	Elective	\$3.00 Fee
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Students will study current happenings of the local, national, and world events. By examining the history of various topics, students will understand how those events have contributed to the current state of affairs. There will also be a focus on U.S. and World geography. Students will be able to identify different states, nations, and regions of the world and understand how geography plays a strong influence on global affairs. Students will also combine these two concepts and connect the geography of current events, why they occur, and their impact on the U.S. and rest of the world.

Ohio History	½ credit	9-12	Elective	\$3.00 Fee
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Ohio History studies the path Ohio has taken from its early frontier and the inhabitations of Native Americans to its present day structure. This course will cover the many topics in between this timeframe with emphasis on historical events, geographical structure, famous people, path to statehood, Ohio’s direct influence in various wars, and historical Northwest Ohio. *This is an NCAA approved course*

Modern U.S. History	1 credit	11-12	Elective	\$15.00 Fee
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This course offers a contemporary approach to history in the United States after WWII and the end of the Great Depression, leading up to present day issues in America with terrorism, and Nuclear threats and a vast variety of what happens in between. Focal themes for this course will surround emphasis on the decades with topics such as life- style, fads & trends, internal and external conflicts, political changes, foreign policy relations, presidential influences, and other social changes and movements. The study of 20th Century and recent history helps students better comprehend present day attitudes, issues, and problems in our country today.

Psychology	1/2 credit	11-12	Elective	\$12.00 Fee
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The study of psychology includes examining the many aspects of human and animal behavior in an effort to understand one's own behavior and how it relates to others. This course will provide you with a broad introduction to the field of psychology, one of the social sciences. Among the topics we will cover are: gathering data on the causes and correlates of behavior, key figures in psychology and their theories, examples of research findings from the major subareas of the field, and using psychological knowledge to improve the quality of our lives. This survey of psychology will explain you with the major concepts and language of the discipline and give you a better understanding of self and others. *This is an NCAA approved course*

Sociology	1/2 credit	11-12	Elective	\$ 12.00 Fee
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This course is an introduction to sociology as a way of understanding the world. Sociology is a field of study that explains social, political, and economic phenomena in terms of social structures, social forces, and group relations. You will be introduced you to the field by focusing on several important sociological topics, including socialization, culture, the social construction of knowledge, inequality, race and ethnic relations, poverty, and political sociology. Sociology deals with the social group and understanding the behavior of a group and actions of the people who make up the group. Panels, debates, class discussion, reports, and outside resource people are used in the instruction of the course.

CAREER AND STUDENT LEADERSHIP

Career Based Intervention (CBI) 3 credits 11-12 Elective \$40.00 Fee

Students must meet specific criteria before being accepted into this program. CBI is intended to provide career development for students wanting to earn a diploma and are ready for the workforce. At the Junior and Senior level, students are released from school after required courses are scheduled to go to a work site. Juniors and Seniors earn wages, must work a minimum of 15 hours per week and provide their own transportation to and from the work site. Students must maintain regular attendance and passing grades in academic classes or lose their afternoon work privileges. CBI class activities include finding and maintaining employment, money management, understanding taxes, banking, job safety, vocabulary study, buying a used vehicle, and healthy living. Students must fill out an application and interview with the teacher for acceptance into the program.

Student Leadership ½ credit 10 Required Fee TBD

In this course students will gain knowledge of the 7 Habits from The 7 Habits of Highly Effective Teens, which parallels the book The 7 Habits of Highly Effective People. This course will focus on personal, interpersonal, and organizational skills that contribute to success both as a student and in their future. This course is designed to help students reflect upon integrity, responsibility, planning, and personal discipline. Students will develop life skills in their career as a student and be able to grow these skills as future employees and community members.

AGRICULTURAL EDUCATION

****Two Ag Science courses can count as 1 science credit toward graduation.** Participation in classroom and FFA activities as well as the completion of a Supervised Agricultural Experience Program (SAE) are all part of the overall Agricultural Education Program.

Agriculture, Food and Natural Resources 1 ¼ credit 9-12 Elective \$30.00 Fee

This first course in the career field is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology, and bioscience. Throughout the course, students will develop communication, leadership, and business skills essential to the agriculture industry.

Animal and Plant Science 1 ¼ credit 10-12 Elective \$30.00 Fee

Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agriculture marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined. **Prerequisite:** Agriculture, Food and Natural Resources.

Agricultural and Environmental Systems Capstone

1 ¼ credit 10-12 Elective \$30.00 Fee

Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way. Capstones are project/ problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships.

Prerequisite: Agriculture, Food and Natural Resources.

Mechanical Principles

1 ¼ credit 10-12 Elective \$30.00 Fee

Students will engage in mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identify, diagnose, maintain small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills. **Prerequisite:** Agriculture, Food and Natural Resources.

Business Management for Agricultural & Environmental Systems

1 ¼ credit 10-12 Elective \$30.00 Fee

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports, and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified. **Prerequisite:** Agriculture, Food and Natural Resources.

Livestock Selection, Nutrition and Management

1 ¼ credit 10-12 Elective \$30.00 Fee

Students will identify and apply principles and routine husbandry practices to production animal populations. Topics will include principles of nutrition, feed utilization, animal welfare, selection and populations. Students will apply knowledge of production animal care to enhance animal growth, selection of breeding stock, and management practices. Throughout the course, students will develop management plans reflecting practices for care and legal compliance. **Prerequisite:** Agriculture, Food and Natural Resources.

Meat Science and Technology

1 ¼ credit 10-12 Elective \$30.00 Fee

Students will apply food chemistry and microbiology to processing, preservation, packaging, storage, and marketing of meat products. Students will design and implement a quality assurance program that meets legal compliance and demonstrates knowledge of safe operation and maintenance of equipment and facilities. Students will evaluate carcass composition, assign quality grades, and examine valued-added products. Throughout the course, students will demonstrate customer service and sales techniques while understanding the scope and importance of business and safety regulations techniques while understanding the scope and importance of business and safety regulations. **Prerequisite:** Agriculture, Food and Natural Resources.

Energy Systems Management 1 ¼ credit 10-12 Elective \$30.00 Fee

Students will apply basic principles of energy accounting, thermodynamics and heat transfer, energy conversion and efficiency to heating, power generation and transportation. Students will apply the principles and practices related to managing renewable and non-renewable energy resources. Throughout this course, future energy scenarios are investigated, with a focus on prompting the use of renewable energy resources and technologies. **Prerequisite:** Agriculture, Food and Natural Resources.

Environmental Science for Agriculture and Natural Resources

1 ¼ 10-12 Elective \$30.00 Fee

Students will study relationships between organisms and their environment. Principles of biogeochemical cycles, air-water-land relationships, non-point pollution, and wetlands will be applied. Students will examine fundamentals of resource development, agriculture sustainability, energy needs, and pollution control. They will analyze and interpret data gathered from studies on the ecosystem. Throughout this course, students will develop responses to environmental problems and develop management strategies for responsible conservation and resource development. **Prerequisite:** Agriculture, Food and Natural Resources.

FOREIGN LANGUAGE

Spanish I 1 credit 9-12 Elective \$10.00 Fee

In Spanish I students begin to develop the ability to speak, listen, read and write in Spanish. Students will learn to speak and write using short sentences, which contain learned vocabulary. They will also be able to understand Spanish when it is spoken in short, simple phrases and sentences. In addition, they will be able to read brief texts in Spanish. The culture, customs and geography of Spanish speaking countries will be studied. *This is an NCAA approved course* **Prerequisite:** High school students need to have a “C” or better in English prior to enrolling in Spanish I. Students enrolling in Spanish I as 8th grader must meet 4 out of 5 established criteria including ELA grades, STAR/AR/OST test scores, and teacher recommendations.

Spanish II 1 credit 10-12 Elective \$10.00 Fee

In Spanish II students will be expanding their study of the Spanish language through the use of more in-depth vocabulary and grammar. Students will participate in simple conversations dealing with familiar topics. They will continue to expand their reading and listening skills in Spanish. Students will also be exposed to more aspects of the culture, customs, people and geography of the Spanish speaking countries. *This is an NCAA approved course* **Prerequisite:** Students must have earned a "C" or better in Spanish I or have instructor approval to be eligible to take Spanish II

Spanish III 1 credit 11-12 Elective \$10.00 Fee

Spanish III will offer more of a challenge to students who wish to expand their study of the Spanish language. Students will be able to initiate and sustain conversations by using more complex vocabulary, questions, and responses. At this level of language study more emphasis will be placed on the reading and writing of the language. Study of the customs, culture, famous people and geography

Jazz Band 1 credit 9-12 Elective No Fee

Jazz band is for those students who enjoy creativity and learning different styles of music. In jazz band students will learn how to play Latin, funk, swing, ballads, and jazz waltzes. Students will also learn how to improvise and read chord changes. The class is open to students who play saxophone, trumpet, trombone, guitar, bass guitar or string bass, piano, and drum set. It is not necessary but strongly encouraged that students have participated in band. Students will perform at concerts here in McComb, community events, and music festivals.

Music Theory and Composition 1 credit 10-12 Elective \$13.00 Fee

Music Theory and Composition is for those students who enjoy musical activities (Band, Choir, Private Lessons etc.) and wish a more in-depth study. The course will deal with the mechanics of writing and arranging music. It is highly recommended that a student have basic musical knowledge gained from band, choir or other private study in music. Please see the band director if you have questions. This class is a good choice if one is planning to take music courses in college.

Yearbook 1 credit 10-12 Elective No Fee

Yearbook is a beginning journalism course designed to teach all aspects of journalistic writing by the creation of the high school yearbook. Through learning to effectively write in a journalistic style, your overall writing skills will be improved in all aspects of educational writing. Lastly, in this course you will learn to deal with deadlines, independent working skills, web and computer design, editing skills, and working together as one member of a cooperatively working group. Through this working environment, you will obtain many life skills such as overseeing small groups on projects, being an effective leader, utilizing your creativity, and learning to think critically and plan new and exciting ideas. **Prerequisite:** Student must have instructor approval to take this course.

HEALTH AND PHYSICAL EDUCATION

Physical Education ½ credit (2 semesters) 8-10 Required \$5.00 fee

The purpose of physical education is to provide experience in team and individual activities, which can be carried over into leisure time activities after the students, leave school. Other objectives of the program include helping the student maintain physical fitness as well as an appreciation for sportsmanship, cooperation, and self-discipline. Some of the team and individual activities in the class are volleyball, softball, basketball, pickleball, badminton, croquet, trac-ball, table tennis, and weight lifting, usage of fitness center, bowling and golf. 8th grade students enrolled in P.E. will receive high school credit.

4. TUTORIAL PROGRAM—An educational activity involving work by an individual pupil under the direction of a certificated teacher in accordance with board policy.
5. COLLEGE CREDIT PLUS PROGRAM—Has been established to permit high school students in grades seven through twelve to earn college and/or high school graduation credit through the successful completion of college courses. The program is intended to provide opportunities for appropriately qualified high school students to experience course work at the college or university level. Students who are interested in participating in this program must come to a mandatory meeting with their parents. This meeting is held in February each year. At this group meeting, students and parents will learn about possible risks and benefits for participating in this option. After this meeting, parents must sign a form indicating that they intend for their student to pursue this option. Applications must be completed and sent to the college with a transcript and course selection form. Students must meet admissions criteria at the college he/she wishes to attend. Any student admitted to a course by an institution of higher education will be expected and required to perform at the same level as the institution's regular students. If a student fails, or fails to complete a course through the formal class drop process, nonattendance, or any other reason unacceptable to the school district or college, the financial obligation for that course will default to the student and parents.
6. COLLEGE CREDIT PLUS: DUAL ENROLLMENT—Available to qualified students, is an option where students can take college-level classes at their home school environment, taught by MBHS staff, through a partnership with area colleges and universities. The D.E. program offers students the opportunity to take classes at MHS for high school and college credit. In order to receive college credit, students must apply to and be accepted by the university. Due to changing requirements, dual enrollment courses may not be offered each year, depending on the school's ability to meet the requirements. *Families who are interested in using this option must attend the group meeting to discuss the risks/benefits of enrolling in this program and follow procedures similar to the option outlined in Option 5.
7. EARLY GRADUATION—An educational option available to students wishing either to enter a highly competitive job market, go on to further their education early, or other reasons as approved by the administration. The final responsibility regarding early graduation must remain with the parents, and as a result, the parents are fully accountable for their child's success or failure as a result of shortening the four years of high school. A formal request for early graduation must be submitted in writing by the parent to the principal by November 1st of the school year in which the student wishes to graduate.
8. EXTRA-GUIDED LEARNING EXPERIENCE—An educational option for students wishing to be excused from school for a part-time learning experience during school hours. Evidence of a "Guided Learning Experience" must be shown.

Graduation Checklist

4 English Credits

English 9	English 10	English 11	English 12
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.5 PE Credit (.25 Each)

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.5 Health Credit

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4 Math Credits

Algebra 1	Geometry		
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3 Science Credits

Phys. Sci.	Biology	
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3 Social Studies Credits

US Hist 1/World	US. Hist II	Government/Financial Literacy and Economics
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5 Elective Credits

1 fine art		

Honors Diploma Requirements

Student must first fulfill “Graduation Requirements” (including Health and PE credits, etc.) before completing the checklist for an “Honors Diploma.

Earn 7 of the 8 Following:

1. 4 English Credits

English 9	English 10	English 11	English 12
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2. 4 Math Credits

Algebra 1	Geometry	Algebra 2	An advanced math
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3. 4 Science Credits (including 2 advanced sciences)

Physical Science	Biology		
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4. 4 Social Studies Credits

US Hist I/World	US. Hist II	Government/Financial Literacy and Economics	
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5. 3 of One Foreign Language Credits

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Or 2 of 2 Foreign Language Credits

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6. 1 Fine Arts Credit

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7. _____ 3.5 GPA

8. _____ 27 ACT Composite