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MIDDLETOWN HIGH SCHOOL

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# COURSE OF STUDY

2023-2024



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## FROM OUR PRINCIPAL

*The Middletown High School 2023-2024 Course of Study book has been prepared as a resource for students, parents, teachers, and counselors as our students select courses and make decisions in planning the most appropriate educational program for a sound preparation for the future. This booklet is posted online on our school's guidance website with hard copies made available to students in January/February. It is intended to be used as a reference for graduation requirements, criteria for a diploma with honors, educational options, extracurricular guidelines, and Course Descriptions by subject area departments offered at MHS. We offer a variety of rigorous courses and recommend that each student select courses that challenge and develop skills for creating a bright and fulfilling future.*

*We will again be offering another educational option for the 2023-2024 school year "Middie Virtual Program" (MVP) found on page 18 of this booklet. Be sure to look into this.*

*We wish you a very successful school year!  
Carmela Cotter  
Principal*

## **NEW COURSES ARE INDICATED IN THIS TYPE OF FONT**

### FROM THE GUIDANCE DEPARTMENT

Middletown High School is committed to preparing our students for the future. MHS has some unique programs in place that give our students an opportunity to explore different options for their future and develop skills to be successful in their chosen path. For the past several school years, the high school has implemented some changes to the delivery method of the course curriculum that will continue into 2023-24. This is to provide positive reinforcement to meeting the challenges that face our educational system today and tomorrow.

The high school will continue with the 8 period day. The class periods will be 46 minutes in length and will allow students to schedule a study hall as a part of their day. In setting up the 8 period day, we offer a Hybrid Schedule where classes are offered in the traditional format as semester and year long, but also as a 95 minute block. This blocked format lends itself to laboratory classes including Science, Art, and Physical Education.

Middletown High School utilizes an ongoing cumulative semester average based on the 18 week grading period. There will be one grade entered at the end of the semester, which will be the semester average. We will continue to use Progress Book for students and their parents to view grades and assignments in real time. We will remind students and parents to check grades at the 9 week mid-term mark, but encourage you to keep up with this progress on a weekly basis. **OHSAA eligibility will be based on the semester grade, thus a student's eligibility will be determined twice a year.** The first semester grade in December will determine eligibility for the remainder of the winter and all of the spring sport season, while the second semester grade in May will determine all of the fall and winter sport season until January of the following school year. This will also align all College Credit Plus (CCP) courses with the colleges since all are on semesters. Teachers may use a comprehensive test toward the end of the semester at a time that is convenient with the curriculum, or use another type of semester assessment such as project or portfolio for a final grade.

This Course of Study book provides parents with the information needed to prepare the student's schedule for next school year. Throughout the year, your child confers with teachers and their counselor in preparation to get the most out of his/her high school education. As a school district, we want to continue to refine our methods of educating your child to meet tomorrow's challenges. The district is excited about the innovative ways our staff will have to present the learning process so your child may receive the knowledge and experiences needed to lead him/her successfully to his/her future endeavors. Once again, the district will attempt to offer a variety of elective courses along with the core courses recommended by the College Board.

- Freshmen may choose college prep or advanced level of study based on abilities.
- Sophomores may move into honors courses and tour Butler Tech (BT) for junior year.
- Juniors/Seniors have the option of attending Butler Tech or Warren County Career Center for additional educational options and are offered more honors/AP courses at MHS as well as College Credit Plus (CCP) options.
- Outside educational options are available at all grade levels.

Much thought must be put into registration for next year's classes, as the master schedule is largely built from student requests. Once classes reach their limit, schedule changes become most difficult, so please consider your selections carefully.

- The high school will schedule courses for an 8 period day next year.
- Consider teacher recommendations.
- Some courses are scheduled based on standardized testing information and multiple data points.
- Seniors may apply for Early Release/Late Arrival (see Community Exchange Release page 12).
- Course request changes prior to **March 1** will be considered if there are seats available.
- Changes in student schedules after March 1 and prior to the start of the next school year will be made only for course failures, scheduling conflicts, and outside educational course adjustments.
- Schedule change requests will be considered during the first two weeks of school with parental permission (written note, phone call, or email), provided seats are available.
- We cannot honor requests to have a particular teacher.

As of March 24, students scheduled to attend Butler Tech (BT), Warren County Career Center (WCCC), or the Middle Virtual Program must begin the next school year with that placement. If a change of placement back to MHS is requested by the parent to the BT/WCCC/MVP counselor, the request will be forwarded to the MHS counselor prior to the end of the 10<sup>th</sup> day from the start of the school year. Requests after the 10<sup>th</sup> day of the school year will not be considered until the completion of the first semester. Second semester changes will be considered through the first 10 days of the 2<sup>nd</sup> semester. Any student attending Warren County Alternative School or Union Day must meet with their assistant principal to establish a success path to be considered for return to the high school.

## MHS TIMETABLE FOR POST-SECONDARY PLANNING

The MHS counselors have organized the following timetable to help you and your student navigate the various tasks that will help them prepare for college. Feel free to contact your student's counselor if you have any questions about this process.

### GRADE 9

*This year begins your official high school record\*. Your grades will be recorded on your transcript. This has an effect on what colleges you will be able to attend and what future employers will look for.*

*\*Credits earned at the Middletown Middle School (MMS) will already be included in your MHS records.*

- Get to know your counselor and Advisory (MAP) teacher and let them get to know you. Communicate with your teachers and your MAP Advisor frequently so that your adjustment to high school will be as smooth as possible. Take advantage of all the services offered through the school's counseling program.
- Do as well as you can academically, seek assistance when needed, utilize Progress Book for academics and announcements.
- Participate in career exploration programs whenever possible, such as job shadowing, career assessments, etc.
- Participate in extracurricular activities and clubs.
- Pursue community volunteer services.
- Take advantage of the "Career Fields & Pathways" class in exploring areas of interest for you.
- Start exploring colleges and career fields in Naviance

### GRADE 10

*Continue working with your counselor concerning your academic progress.*

- Schedule courses that will challenge you.
- Work hard at your academics and continue your involvement in extracurricular activities.
- Utilize Progress Book for academics and announcements
- Research career areas related to your interests by using Naviance and the following websites: [www.ohiohighered.org/students](http://www.ohiohighered.org/students); [www.ohiomeansjobs.org](http://www.ohiomeansjobs.org)
- Visit Butler Tech on Career Day to explore the programs they offer.
- Pursue community volunteer services.
- Continue exploring colleges using Naviance
- Attend local and regional college fairs.
- Attend college-funding seminar with your parents.
- Read a variety of things to expand your knowledge and enhance your reading skills.
- Attend the College Credit Plus (CCP) meeting in January to determine if this is something to pursue as a Junior.

### GRADE 11

*Communication with your counselor becomes more important in the second half of your high school years.*

- Schedule courses that will challenge you.
- Continue your involvement in extracurricular activities.
- Work hard at giving solid academic performance.
- Utilize Progress Book for academics and announcements.
- Continue your career research using Naviance and begin matching your interest with career possibilities using the following websites: [www.ohiohighered.org/students](http://www.ohiohighered.org/students); [www.ohiomeansjobs.org](http://www.ohiomeansjobs.org);

- Research colleges and develop a list of 10-12 colleges that interest you.
- Register to take the PSAT in October. This is necessary to qualify for the National Merit Scholarship.
- Register online to take the ACT in the spring, ([www.actstudent.org](http://www.actstudent.org)). You are allowed 2 free ACT waivers starting your junior year. We recommend you take the ACT twice during your junior year.
- Take part in all special programs developed throughout the school such as college representative visits, college funding seminars, etc.
- Pursue community volunteer services.
- Continue to read a variety of things to expand your knowledge and enhance your reading skills.
- Attend college representative visits at MHS in the Fall.
- Attend the College Credit Plus meeting in January to determine if this is something to pursue as a Senior.
- Visit and tour colleges.

### **SUMMER BETWEEN GRADE 11 AND GRADE 12**

- Plan your summer.
- Visit colleges on your list that you have an interest.
- Schedule an interview with the college admissions representative.
- Look over college applications for schools of interest so you are aware of their deadlines.
- Consider summer employment in career areas of interest.
- Pursue community volunteer services.

### **GRADE 12**

*Continue communication with you counselor.*

- Maintain a solid, quality, academic program.
- Register online and take the SAT ([www.collegeboard.org](http://www.collegeboard.org)) in the fall. You are allowed 2 free SAT waivers starting your junior year. Consider taking the ACT one last time.
- Narrow down your college choices to several colleges that you intend to apply using Naviance.
- Colleges are interested in your progress during your final year in high school. They consider your 7th semester grades (first half of your senior year) when processing your application for admission.
- Attend the FAFSA meetings at the high school to take advantage of the October filing dates.
- Acceptance for admission at most colleges is provisional, pending receipt of your final grades.
- Complete college visits early in your senior year.
- Pay close attention to the guidance information on the school website, utilize Progress Book for academics and announcements and sign up for the Remind App that counselors gave you.
- Prepare applications, be aware of early deadlines, and apply by mid-November at the latest.
- Be aware of early application deadlines, especially when applying for special programs/scholarships.
- Inform your counselor when you have made a decision as to what you will do after graduation (attend a particular college, accept a job, enter the military, etc.).
- If you are interested in the military, talk with your local recruiters about school and career opportunities. Check with your counselor regularly.
- Graduate and feel comfortable with your plans because you know that you have put effort into the decision making process.
- Request through Naviance for your final transcript to be sent to your college choice of attendance, the military or job placement

## **GENERAL INFORMATION**

A student's course choices should reflect his/her future goals as they relate to college, vocational education, or a combination of the two called Tech Prep. The student's ability and attitude towards his/her course work also has a bearing on the level of course selection. Each counselor has been instructed to review the student's cumulative folder and to use teacher recommendations along with their own experience in registering students for next year's courses. Students should confer with their teachers as well as parents in preparation to registering with their counselor. Take the time to read the course descriptions within this Course of Study book.

The Guidance Counselor will consider changing courses after registration if there has been failure of a course or a scheduling conflict. With sufficient planning and forethought, the registered courses should be final. Classes are scheduled upon availability and balanced class sizes. For obvious reasons, the district cannot honor requests to have a particular teacher. The administration reserves the right to make scheduling decisions based on individual needs and standardized test scores.

**OBTAINING SCHEDULES:** Students will be given their finalized course requests in March. Schedules will not be available until the first day of school.

**ADDING A COURSE:** Each course differs in its content and may vary in the work that is covered during the first few weeks of each semester. However, students must meet a certain number of class hours in order to receive credit. Therefore, students may be allowed to add a course during the first ten (10) days only of each semester in order to be eligible to receive credit. This must occur with the stipulation that all course work that was missed must be made up within two weeks.

**DROPPING A COURSE:** Careful course planning on the part of the student & parent with your teachers and counselor should keep the number of students who wish to drop a course at a minimum. However, when failure in a course which is a prerequisite to another desired course has occurred, then a schedule change must be made by the counselor. Every attempt will be made to inform the parent of such a change. Other than failure, communication between the parent, teacher and counselor indicating the change should occur. Students may not drop any course from their schedule that would result in them having fewer than six (6) graded periods. Once a semester has been completed, grades shall be recorded on the permanent record to indicate whether credit has been earned as well as the student cumulative GPA being computed. The following procedures will be followed to record grades on permanent records for courses that are dropped after school has begun.

1. Students may withdraw from a class by the end of the 9<sup>th</sup> week of school for that semester (prior to the posting of mid-term grades); a class that is dropped will not appear on any permanent record for that semester.
2. Classes dropped after the withdrawal period as stated in #1 above will be recorded as an "F" indicating failure for the semester with the grade computed in the GPA.
3. Students administratively removed from a class for disciplinary reasons will receive an "F" for that semester regardless of when it occurs.

Students and parents should check their report card/Progress Book at the end of each semester to see that all changes have been recorded properly. Any question should be brought to the counselor's attention immediately.



**REPEATING A COURSE:** Students have the option to repeat a previous course during the regular school day if taken the succeeding year; or if taken in Middle School, then it must be repeated the 9<sup>th</sup> grade year. Courses may only be repeated with grades of a “C” or below. Students repeating a previous course during the regular school day curriculum, or through our online curriculum, may replace the original course grade with the higher grade, but shall not lower their previous grade. Students may not earn more credit than was scheduled for the original class. When a student moves to a different level within the same department (with teacher approval) and they have not received credit for this class previously, then the grade received for the withdrawn class must be carried over to the new class. If the class withdrawn from is a weighted class, then the letter grade or grade percentage is transferred as is, since there is no grade point to weight.

**COURSE FEES:** Currently, the Middletown Board of Education does not charge school fees. However, students will be required to pay for lost or damaged school property, including chrome-books & accessories as well as Wi-Fi hot spots, and costs associated with athletics, extra-curricular activities and college entrance testing. There may be fees for courses offering additional testing such as AP classes. In addition, BT or WCCC may have fees associated with their classes.

**AUDIT:** Students may have the option to audit a course only with teacher and parent permission. The student shall continue to do all of the required work for said class, including taking quizzes and tests. This decision to audit a course must be made to coincide with the drop period, by the end of the 9th week of school for that semester. “AUDIT” will appear on their transcript for completing the course work through the end of the semester. No credit will be given for the course. If the student is not in compliance with classroom work at any time during the audit period, the teacher may request to the counselor that said student be withdrawn (with a “W”) from the class into study hall. All students must carry a schedule of at least six (6) graded periods per semester, and a student may only audit one (1) course per semester. This auditing of a course could be helpful to the student who wants to learn but isn’t capable of maintaining a satisfactory grade in a particular course.

**SUMMER SCHOOL:** Middletown City Schools will make the decision to offer summer school during the spring. However, students may be provided with an opportunity to retake End of Course (EOC) exams over the summer to acquire the scores necessary to graduate. In order to enroll in a summer school course at another school, students must first pick up an application from that school and submit it to their guidance counselor for permission. No summer school course may be taken for original credit without prior administrative approval. Students who are unsure of their class status during the second semester should check with their counselor immediately after school is out. Counselors will attempt to notify each student of second semester course failures if this presents a problem in the student’s schedule for the following school year. However, it is the student’s responsibility to check on their grades and apply for summer school as soon as possible if so desired. Please see “Repeating a Course” for how Summer School grades are reflected on your transcript.

**BLOCKS (Blk.):** A course, or multiple courses, offered for two consecutive periods for one semester only; i.e., Physiology Blk or PE Blk. Some classes may also be offered in a blocked format for all year where the student would have the opportunity to earn two credits: i.e., AP Physics Blk.

**GRADING SYSTEM:** MHS operates on the semester grading system. Credit is granted for a course at the completion of each semester based on the credit attempted for that particular course. The cumulative grade point average (GPA) is computed at the end of each semester using only the semester grade. There will be a continuous 18 week semester grade in determining whether credit is earned and the GPA for the semester grading period. In computing the GPA the following scale is used: A=4, B=3, C=2, D=1 and F=0 (except as noted under Weighted Grades).

**AVERAGING FINAL GRADE**

A = 4, B = 3, C = 2, D = 1, and F = 0

3.6 - 4.00 = A

2.6 - 3.59 = B

1.6 - 2.59 = C

0.6 - 1.59 = D

Below .6 = F

**SUBJECT GRADING POLICY:** Grades earned at MHS are based on the letter system using the following percentage scale:

A: 90 - 100 Superior Work

B: 80 - 89.49 Above Average Work

C: 70 - 79.49 Average Work

D: 60 - 69.49 Below Average Work

F: 0 - 59.49 Failing Work

Each subject may use a variety of methods to arrive at the grade percentage or letter grade. The grade percentage is rounded up to the next whole number with .50, ie, 89.50 becomes 90.

**ESL STUDENT GRADING POLICY:**

It is important for the Middletown City Schools District to operate within a uniform policy of grading and issuing credits for students who are English Learners. Asking students who are not proficient in English to perform as native speakers is unrealistic. These guidelines are intended to ensure equity and consistency in the evaluation of EL students while preserving the integrity of the grading system.

A student whose English language skills are so limited that little if any learning is taking place should be assigned grades only in those areas where a realistic evaluation of progress can be made; ie: work habits, social skills, art, physical education, etc. The following options should be considered when issuing grades and credits to EL students in academic classes:

- A student who has an overall understanding of the basic concepts of the course but has some difficulty in written and oral expression that makes it difficult for him/her to be tested or to complete all assignments might receive a satisfactory/unsatisfactory grade credit. Students receiving a "S" will receive a Carnegie Unit with a grade equivalent of a "C". If the student is able to earn a letter grade of "C" or above with no adjustment in the curriculum and the evaluation procedures, the teacher will assign the actual letter grade earned. Once the EL student has been able to earn a letter grade of "C" or better, the content area teacher is encouraged to continue using the regular district grading policy.
- Failure to perform at grade level or on par with native English-speaking students and/or failure to pass tests and quizzes designed for native English-speaking students does not in and of itself constitute failure for the ESL student.
- A student who is performing on a par with native speakers may be treated as such and given a grade and credit.

Criteria for assigning a grade of "S" (equivalent to "C") to an EL student who qualifies for the S/U option:

- The student has made an effort to understand the content subject matter.
- The student has demonstrated progress during the given grading period.
- The student has attempted to do the assigned tasks, both in class and outside of class.
- The student made an effort to come to class prepared.
- If the student is not yet failing, but intervention is needed, a grade of "S" may be assigned.

Criteria for assigning a grade of “U” to an EL student who qualifies for the S/U option:

- The student has made no effort to learn the content material.
- The student has made no demonstrated progress during the given grading period.
- The student has made no effort to complete class assignments.
- The student has made no effort to complete homework assignments.
- The student does not come to class prepared.

Students shall be graded on a semester basis; S/U for the entire semester, or letter grades for the entire semester. This grading system for each student shall be set in cooperation with the parent, student, LEP coordinator and guidance counselor.

**HONORS and ADVANCED PLACEMENT (AP) COURSE CRITERIA:** The presence of Advanced Placement courses on a student’s transcript indicates that the student has challenged him or herself by taking rigorous college-level courses. Research demonstrates that AP Exam scores are valid predictors of college success. Students can earn up to a year of college credit depending on the score earned and the chosen college. Because the demands of the Nationalized Standard of rigor in AP curriculum reaches over a two-year span, the curriculum standards in Honors courses are optimally designed to align with the AP standards and therefore Honors courses become a natural prerequisite to the AP courses. Advanced Placement courses provide the highest level of rigor in preparation for college admissions testing (ACT and SAT). These courses are recommended for students seeking selective college admission, honors’ programs, and to qualify for merit based scholarships. Middletown High School will combine AP and Honors students as needed in order to meet the required minimum number (20) enrollment. The AP test is required for students to be eligible for college credit.

A. Selection Criteria:

1. Recommendation of present teachers,
2. Overall grade point average of 3.0 for academic subjects and
3. Grade point average of 3.0 in the specific course area (English, Mathematics, Science, Social Studies, Foreign Language)

B. Students not meeting the criteria may enroll in these courses if they do the following:

1. The student must meet with the counselor/teacher and review the course content. The parent will be notified.
2. The student must submit a completed waiver form to enroll in the course.

C. Students in Honors and AP courses are expected to earn grades of A or B. If a student receives below a C average during either semester, and it appears that this condition will persist, he/she may be transferred to the standard program after a consultation with the counselor and teacher.

D. A teacher, student or parent may initiate a conference on the advisability of dropping an Honors/AP course. If, after being apprised of the fact that he/she is not meeting the standards, the student may choose to remain in the course.

Exams in AP Calculus, AP Statistics, AP American History, AP European History, AP American Government, AP Chemistry, AP Physics, and AP Biology are offered each spring in May. Students enrolled in AP courses are required to take the AP exam(s). The College Board does charge a fee for each AP Exam taken (approximately \$88 each). Any student experiencing family financial hardship should see their counselor as MHS does not want financial reasons to keep any student from taking an AP course.

**CLASS RANKING:** It is the policy of the Middletown City Schools Board of Education that students at Middletown High School shall not be ranked.

**WEIGHTED GRADES:** At Middletown High School, all AP courses shall be weighted and all AP courses carry weighted grade value of 5 points for an A, 4 points for a B, 3 points for a C. All Honors courses in the Core subject areas including World Language will also be weighted but with half the point value; 4.5 for an A, 3.5 for a B and 2.5 for a C. Grades below a “C” will not receive any additional weighting. The weighted grades

are used in computing Honor Roll as well as cumulative GPA and will appear on the transcript as such. It is required that students enrolled in the following weighted courses take the Advanced Placement test in that particular subject (approximately \$88 each), if one is offered:

AP Calculus AB	AP American History
AP Statistics	AP American Government
AP Biology	AP European History
AP Chemistry	AP Studio Art
AP Physics	

**PROGRESS BOOK:** This online system allows school staff, parents and students the opportunity to view grades and classroom work through the school's website. MHS is also using this system as a method to communicate with parents and our community for a wide variety of current and future topics. Please access this system by visiting our school website: [www.middletowncityschools.com](http://www.middletowncityschools.com) then click on the Progress Book icon and log in. Parents and students both are issued passwords through the students' activity period class to view a student's specific classes and grades. Please click on the "Help" icon to Progress Book on the District website if this information is lost or if you are experiencing any trouble.

**PROGRESS REPORTS:** Midway into each semester, approximately the 10<sup>th</sup> week of the semester, students/parents will be reminded to log into Progress Book to view the student's grades. There will be no reports sent out. Parents are encouraged to stay up to date with their student's grades through Progress Book.

**REPORT CARDS:** Report cards will no longer be mailed home, but can be accessed through Progress Book after the first week of the start of the second semester and approximately one week after the end of the school year. Parents and students should check to see if all report card information is correct. If any information is not correct, the student should contact his/her counselor immediately.

**TRANSFER RECORDS:** In order for MHS to recognize credits from other schools, we must receive an official transcript from the accredited high school, listing the courses, the grade earned and the earned amount of credit. Weighted courses from other schools will only be weighted at MHS, and converted to our weighting system, if we have a similar weighted course. Courses taken prior to entering the 9<sup>th</sup> grade from other schools must be denoted and verified as high school level courses before high school credit is granted.

**TRANSCRIPTS:** Students wishing to secure a copy of their transcript should see the Guidance Secretary, as there is no charge while enrolled at MHS. If the transcript is to be sent to a college, we now utilize Naviance, a system that all seniors are given registration information to enroll in. After graduation, a personal written request must be submitted to the Guidance Office with a \$5.00 fee for each request. The form is available on the school website under Guidance. You may also get a copy from the district enrollment office on the fourth floor at One Donham Plaza of the Middletown City Building.

**COMMUNITY EXCHANGE RELEASE FOR SENIORS:** This Option is an earned privilege available to seniors at Middletown High School who would like to pursue community exchange opportunities. Students must submit the Community Exchange Release paperwork to their counselor within the first 10 days of each semester to be considered for this option. Seniors must meet the following criteria to be considered:

- Have earned at least 17 credits.
- Have acquired the required Competency scores for graduation
- Have a minimum cumulative GPA of 2.6
- Have a cumulative no more than four (4) unexcused absences from school and no more than four (4) tardies to school during prior years.
- Provide documentation to earn at least 50 hours of community service per semester from an acceptable organization as determined by the school administration.

This may be revoked due to disciplinary action taken by a school administrator or teacher. Also, the parent/legal guardian may revoke this for their student at any time. When this privilege is revoked, students shall be placed in study hall for the remainder of the semester. Seniors may be released up to a maximum of 1 period at the start or end of the school day. The actual time of day that they are released may vary according to the school schedule for that day (early release or late arrival). Students who participate in this option must not be on school premises during their release time each day, unless assigned. They are not to remain in the building or on the school property, nor be on any other school property throughout the district while school is in session. If the student has an after school activity, they must return to that activity after school has been dismissed.

Requesting this option does not automatically ensure that the student will receive a release period, if at all. Due to balancing of scheduled classes, students may have to be placed in a study hall or choose another class if they cannot be released. The scheduling of this release option does not take precedent over the scheduling of any classes. Athletes must pay special attention to the number of classes scheduled and passing in order to be eligible to participate according to the OHSAA and Middletown City Schools' athletic guidelines.

The Middletown City School District is not responsible for the safety or well-being of a student that is released from school grounds during this release option.

**ACT and SAT:** All four-year colleges and universities in the United States accept both the ACT and SAT tests. There are now some colleges that are not requiring the ACT to be accepted but students should check with each college. Students are counseled to take the ACT at least twice during their junior year in late winter or spring and then again in the fall of their senior year. We recommend that seniors take the SAT twice during the fall of their senior year. Since Middletown students receive 2 fee waivers for the ACT and SAT during their junior or senior year, they should see their counselor at least 2 months prior to the date they wish to test to secure their waiver.

ACT test dates: Registration deadlines and test dates will be posted on the school website under guidance or go to [www.actstudent.org](http://www.actstudent.org) and see your counselor for the waiver (2 free waivers).

SAT test dates: Registration deadlines and test dates will be posted on the school website under guidance or go to [www.collegeboard.org](http://www.collegeboard.org) and see your counselor for the waiver (2 free waivers).

**PSAT:** is a practice SAT test and is required to qualify for the National Merit Scholarship. The PSAT test is typically taken in a student's junior year during the month of October. The specific date will be announced at the beginning of the school year. Registration information will be given to juniors in the fall. The College Board does charge a testing fee for this test (it was \$18 in 2022).

**STUDENT AIDES:** Junior and Senior students may replace their scheduled study hall with being an aide in one of the offices, media center, or technology office. A schedule change must be secured from the Guidance Counselor. Students must be in good academic standing to meet graduation requirements, maintain ALL passing grades the previous semester, must have a cumulative GPA of at least 2.6, have acquired the required competency scores for graduation, and have four (4) or less unexcused absences from school and four (4) or less tardies to school during prior years.

**PEER TUTORS:** Students may replace their scheduled study hall with being a peer tutor in a regular study hall or in a special education study skills class. A schedule change must be secured from the Guidance Counselor once these opportunities are set up after the start of the school year. Students must maintain an overall cumulative GPA of 3.0 in that subject area of tutoring and good attendance. "Peer Tutor" is listed on the student's transcript with no credit but a mark of "AU" for audit. They are then awarded 30 hours of community service with a letter upon request from their counselor.

## GRADUATION REQUIREMENTS

Middletown High School's graduation requirements meet the standards set by the North Central Association of Colleges and Secondary Schools and the Ohio State Department of Education. The following minimum state and local credits must be met to graduate from Middletown High School.

English.....	4 Credits
Mathematics (to include Algebra II or equivalent)....	4 Credits
Science (Physical Science 1 cr & Biology 1 cr) ...	3 Credits
Social Studies .....	3 Credits
(Am. Hist 1 cr, Wld Stud .5 cr & Am. Gov't .5 cr)	
Health.....	0.5 Credit
Physical Education (or PE Waiver).....	0.5 Credit
Fine Arts (Art or Music, or BT/WCCC lab).....	1 Credit
Economics or Career Fields & Pathways or Business Foundations(Financial component).....	0.5 Credit
Additional Core Courses or Electives.....	<u>3.5 Credits</u>
Total.....	20 Credits

These are **BOE Adopted** requirements for graduation. Students are encouraged to earn more credits as their interests and abilities dictate.

Some courses stipulate that certain projects, reports or other qualifications be achieved before credit is allowed. Each student accepts responsibility for such at registration. In some BT or WCCC courses students will need to purchase supplies and also pay a fee to cover the cost of the consumable materials used. Any damage to school property may be assessed to the pupil or pupils involved for any course.

Please study carefully this Course of Study book for further details. Counselors are always available for information and advice on your course selections as they relate to your future college and career goals and objectives. If there is not enough demand for any one course, it will be cancelled. Refer to the cover letter with your registration sheet for further details.

### **NEW TESTING GRADUATION REQUIREMENTS:**

With recent changes, state and federal testing laws require districts to administer end-of-course tests to all students at the completion of the associated course in Algebra I, Geometry, English II, Biology, American History and American Government. Ohio's new graduation requirements consist of three key components, of which students must complete all three (*Course Completion Credits, Competency and Readiness*):

1. Course Completion Credits-20 credits as defined in the above chart, and beginning with the Class of 2026 a new one-half credit Financial Literacy course will be required to take the place of Careers or Business Foundations (this course will be required of all juniors during the 2024-25 school year).
2. Competency Demonstration-complete 1 of 3 Options:
  - Option 1-in the foundational areas of English II and Algebra I earn a passing score (684) in each. Students not passing either test must retake that particular test at least once in order to use alternative pathways. Students must earn 2 of the following items from Foundational and Supporting categories of which at least one must be Foundational.
  - Foundational:
    - a. Earn 12 point industry credential or
    - b. Earn proficient scores on 3 WebXams in a single career pathway
  - Supporting: Earn Work-based learning (250 hours of work with positive evaluation)

- a. Earn the required score on WorkKeys Exam
- b. Earn OhioMeansJobs Readiness Seal

Option 2-enlist in the Military showing evidence of signing a contract to enter a branch of the U.S. armed services upon graduation.

Option 3-earn the equivalent of at least one high school credit in CCP courses in English or Math for the subject area not passed, but must earn credit in each subject area or a score of 684 or CCP credit.

3. **Readiness Demonstration**-earn two seals that allow students to demonstrate important foundational and well-rounded academic and technical knowledge, professional skills, social and emotional competencies, and leadership and reasoning skills. At least one seal must be from the State Seals list but students must complete two (2) Seals. Documentation Logs are available from the student's Schoology MAP course. See your MAP Advisor or counselor with questions. Descriptions for each SEAL is found below:

### **State of Ohio Seals**

- Ohio Means Jobs Readiness Seal- student must meet the criteria established including demonstration of work readiness and professional competencies through school, community or work.
- Industry-Recognized Credential Seal- student must earn an approved industry-recognized credential that is aligned to a job, typically through Butler Tech or Warren County Career Center programs.
- College-Ready Seal- student must earn remediation free scores on the SAT or ACT (Eng 18 & Reading 22 and Math 22).
- Military Enlistment Seal- student must provide evidence of enlistment in a branch of the U.S. Armed Forces or participate in JROTC program.
- Citizenship Seal- student must earn a score of a 3 or higher on both the American History and Government End-of-Course exams, or earn a score of a 3 or higher on appropriate AP exam, or earn a course grade of B or higher on appropriate high school or CCP course.
- Science Seal- student must earn a score of 3 or higher on the Biology End-of-Course exam, or earn a score of a 3 or higher on appropriate AP exam, or earn a course grade of B or higher on appropriate CCP course or an advanced science course (Chemistry, Env. Science, Indoor/Outdoor Science, Physics, Physiology, Robotics or Zoology).
- Honors Diploma Seal- student must earn any one of the six , Diplomas
- Seal of Biliteracy- student must meet the requirements and criteria, including proficiency requirements on assessments in a World Language and English
- Technology Seal- student must earn a score of a 3 or higher on appropriate AP exam, or earn a course grade of B or higher on appropriate CCP course or specific high school course (PLTW-POE, Logistics, Sports Marketing, or Strategic Entrepreneurship).

### **Local/MHS Seals**

- Community Service Seal- student must complete 12 hours in various school or community service projects such as SALT, Clean Up Middletown, Hope House, etc.
- Student Engagement Seal- student must complete 6 point earned through participation in extracurricular activities such as (but not limited to) athletics, music performances, clubs, student government and community activities with 1 point earned per season/performance/year of participation.
- Fine Arts and Performing Arts Seal- student must complete 6 points in various fine arts classes or school/community-based music, art, theater or dance performance with 1 point earned for each semester class or 1 point for each performance with a maximum of 2 points in performance.

*You may find it beneficial to refer to the outline above, visit our school website ([www.middletowncityschools.com](http://www.middletowncityschools.com)) and click on Graduation Requirements to follow the links, or visit the ODE website: [www.education.ohio.gov](http://www.education.ohio.gov) and click on Topics and then Graduation Requirements.*

**PLEASE CHECK WITH YOUR STUDENT'S COUNSELOR WITH QUESTIONS**

### **MIDDLE SCHOOL COURSES FOR HIGH SCHOOL CREDIT**

The following courses are offered at Middletown Middle School and if taken, a student will earn high school credit upon passing. The semester average grade will appear on the high school transcript; however, the grade will not be calculated into the student's high school Cumulative GPA. A student who earns a grade of "C" or below, may be encouraged to repeat the same course at the high school, if offered. Any course taken in the Middle School, if repeated during the regular school day in high school, must be repeated during the 9<sup>th</sup> grade year. If a student chooses to repeat a course (must have earned a C or below) during the regular school day for which credit has been earned, the higher grade shall replace the lower grade on the student's transcript, but additional credit shall not be granted. Credit for a course may only be earned one time. All of these courses fulfill the Middletown H.S. graduation requirements in some way. Beginning with the class of 2025, Business Technology and Robotics will no longer earn high school credit. Beginning with the class of 2027, middle school students shall have the opportunity to earn high school credit for Health and Physical Education.

Course No.	Course Name	Credits		Course No.	Course Name	Credits
02111	Algebra I	0.5 per sem		7140	Health	0.5
02131	Adv. Geometry	0.5 per sem		7170	PE (7 <sup>th</sup> )	0.25
01611	Spanish I	0.5 per sem		7180	PE (8 <sup>th</sup> )	0.25

### **INFORMATION FOR COLLEGE-BOUND STUDENTS**

Many colleges demand completion of specific courses of study as a requirement for entrance. Grade-point average, ACT or SAT scores, and a high-school diploma are determining factors for gaining admission to many colleges today. After gaining admission to the college of your choice, it is important to remain in good standing and become a successful high school graduate. The Board of Regents and the State of Ohio have established a Core Curriculum for students planning to attend college. These courses are minimum recommendations. A student is encouraged to take additional courses as their schedule allows. It is advised that the student complete the following courses beyond the minimum graduation requirements:

English	An additional writing course
World Language	At least 2-3 credits in the same area
Science	At least Chemistry or Physics
Math	An additional college prep course beyond Algebra II
Social Studies	Additional core courses

It is advisable to make inquiries at the school or training institution of your choice as to any specific requirements they may have. College websites are a great resource to check for admission requirements as well as [www.collegeboard.org](http://www.collegeboard.org). The school counselors at Middletown High School work with students on identifying career and college opportunities. Additional staff employed with the Future Center are available to meet with students about the application process, scholarship opportunities, FAFSA forms, and job opportunities should students have questions.

### **COLLEGE/BUSINESS/CAREER VISITATION DAYS**

Seniors and Juniors may be excused from school as a "non-absence" to visit a college campus. The maximum number of approved visitation days shall not exceed four (4) full school days during the junior/senior years without special permission from the guidance counselor or principal. Students must complete with teacher permission and return a "College Campus Visitation Form" with the attendance office at least 3 days prior to the visit. The "College Visitation Confirmation" must be signed by the college representative and returned to the attendance office the next school day in order for the absence to be coded "college visit". Other specific requirements are listed on the form.



### **BUSINESS/CAREER JOB SHADOWING DAYS**

Students wishing to participate in a meaningful career job shadowing experience may elect to do so a maximum of 1 day per year as a “non-absence” excused from school. Students must pick up the form in the Guidance Office, have it completed with permission from each classroom teacher, have the form signed by the business to verify attendance, and return the form to the Attendance Office the day after the experience. Students must make their own arrangements with the business and provide their own transportation. Students must also write a thank you note and send to the business within a week of the experience. Other specific requirements are listed on the form.

### **INFORMATION FOR BUTLER TECH STUDENTS**

Freshmen and Sophomores who plan to attend Butler Tech during their junior and senior years in high school should plan their course of study to meet the entrance requirements. At the completion of the sophomore year, a student should have a minimum of ten (10) credits. Students may be admitted though with a minimum of eight (8) total credits. As a minimum preparation it is recommended that the student complete the following courses:

English	2 credits
Math	2 credits
Science	2 credits
Social Studies	2 credits
Physical Education and Health	.5 credit each
Additional Core Courses or Electives	1 credit
Total	10 credits

Applications to Butler Tech and information concerning the programs offered will be available at the Sophomore visitation in November. Initial applications must be submitted online to BT by the January deadline with late applications on a first come-first served basis until March of the current school year. Applications may again be submitted during the first two weeks of school as long as seats are available. Application withdrawal forms may be submitted until March of the current school year. Students accepted to BT must attend school there to begin the school year and may then go through the withdrawal process with the BT counselor during the first two weeks of school. Applications to BT may be submitted again during the first two weeks of school after meeting with your high school counselor provided there is a seat available. **All changes between schools must be completed prior to the last day of the 2nd week of school at MHS.**

#### **Warren County Career Center**

When students' program choices become full at Butler Tech, students have the opportunity to apply to the WCCC. This school provides many of the same programs as BT. The application process would occur in March once acceptances have been received from Butler Tech. If WCCC offers a program of choice that Butler Tech does not, then sophomore students may apply to WCCC in January.

#### **College Tech Prep**

Many of the programs of study at BT/WCCC are classified as Tech Prep. Tech Prep Programs begin in the junior year of high school and lead to an Associate Degree at participating colleges. This is often referred to as a 2+2 program. In many cases, students choose to continue on to a 4 year degree program and earn a Bachelor's Degree (2+2+2) by following the University Parallel program. College credits may be earned while students are still in the high school portion of the program. After successful completion at the college, students will graduate with an Associate of Applied Science Degree. The Butler Technology and Career Development Schools belong to both the Greater Cincinnati and Miami Valley College Tech Prep consortia: Central State Univ., Cincinnati State, Hocking College, Miami Univ.(Hamilton/Middletown), Sinclair Community College, Univ. of Cincinnati, and Univ. of Cincinnati Blue Ash. This gives students the flexibility in choosing which post-secondary institution they wish to attend as well as which area of study they wish to pursue.

## **OTHER EDUCATIONAL OPTIONS**

### **COLLEGE CREDIT PLUS (CCP)**

As part of House Bill 487, students in Middletown City Schools in grades 7-12 may enroll full or part time in nonsectarian and non-remedial college courses for high school and college credit that apply toward a college degree or professional certificate. The Middletown City School District will notify all students and parents/guardians of the College Credit Plus program by February 1 of each school year. Students participating in the College Credit Plus program are limited to a maximum of six consecutive academic years beginning with their 7th grade year. Students participating at the beginning of the seventh grade may do so for six years (eighth grade for five years, ninth grade for four years, tenth grade for three years, eleventh grade for two years and twelfth grade for one year). Eligibility to participate may not be carried over from one year to the next and expires after the completion of eight (8) high school semesters, grades 9-12.

Students must secure paperwork and submit the CCP Intent to Participate form prior to April 1 of the year they are wanting to enroll in this program, attend a student/parent meeting with their counselor by the designated April date, and submit any additional paperwork through the college institution for acceptance.

### **ONLINE LAB CREDIT OPTION**

By utilizing our online APEX Learning digital course program, students may have the option to schedule additional APEX courses for high school credit. With Comprehensive Courses and Tutorials, APEX empowers educators to deliver personalized learning and supports students in developing critical thinking skills and deep understanding that prepares them for success. These courses are approved for NCAA eligibility. Students will need to meet with their school counselor for scheduling options.

### **FLEXIBLE CREDIT OPTION**

Credit flexibility is another opportunity for students to earn high school credit. All students should spend time discussing this credit flexibility option with their parents and guidance counselor before completing an application. Application packets are available from your guidance counselor. The deadline to submit an application for the following school year is March 31. Students choosing to repeat a course through Flex Credit should see Page 4 “Repeating a Course” before completing an application. Some of the questions that you should consider before completing the application:

- How does flex credit relate to my high school goals, future academic goals and/or occupational goals?
- What prerequisites have I had to prepare me to take this course?
- After reviewing the curriculum for this course, be able to state what skills/content you will need to demonstrate mastery of?
- What skills do I need to demonstrate or cite that I have performed/experienced?
- What multifactor methods will be used to assess my credit flexibility plan?
- What methods will I use to demonstrate mastery for credit: projects, tests, labs, internship, research, portfolio, or final exam?

### **MIDDIE VIRTUAL PROGRAM(MVP)**

The Middie Virtual Program is a personalized learning experience for students in grades 7-12. Students and parents may select this option for the 2023-24 school year as part of their course scheduling process. The Middie Virtual Program will offer students both the opportunity to work virtually on a flexible schedule with the opportunity to get face to face support. This hybrid model will utilize the Apex Learning system as the content provider supported by Middletown teachers, counselors and administrators. Students and parents will participate in a required orientation to virtual learning and have the opportunity to meet their teachers and learn about the personalized program. Students will also be required to attend an orientation to prepare them for the virtual learning experience. Attendance is tracked through work activity and students with poor attendance or poor work habits are not recommended for this program. In person tutoring, support and mentoring sessions will be scheduled for students to attend to support their personalized plan. Core courses and elective courses are

available through Apex learning system. High school students will be required to meet the Middletown graduation requirements as well as the State of Ohio graduation requirements which currently includes end of course assessments that must be taken in person. All required State assessments must be taken in person at the time scheduled by the district.

Middie Virtual students will have the opportunity to participate in all extracurricular activities and athletics as long as they meet eligibility requirements. School news and information will be regularly shared regarding events and activities happening between the Middle and the High School campuses. Capacity for this new program may be limited and enrollment will require a commitment for the entire school year.

Students in grades 7-12 interested in this personalized approach to learning in both a virtual and hybrid model should register by contacting their counselor. Please watch the district news and website for updated information.

### **PE WAIVER**

Exemption from the requirement of physical education credit is based upon Section 3313.603 of the Ohio Revised Code. Students at Middletown High School who successfully complete two full seasons of interscholastic athletics, marching band, winter guard, or cheerleading; or earn 2 credits of Show Choir may be excused from the high school physical education requirement. The two full seasons may be completed in a single school year. The PE Waiver form should be secured from the counselor, athletic coach or band instructor by the student. All athletic forms must be completed and submitted to the athletic department upon completion of each season. The athletic director will certify completion of the season and forward the form to the guidance office; band and winter guard forms should be submitted to the instructor. Both seasons must be completed prior to the beginning of the student's senior year in order to substitute for this requirement. The credit will be recorded on the student transcript as "PE Waiver" having earned 0.5 credit.

### **FOREIGN EXCHANGE PROGRAM**

Students interested in participating in any foreign exchange program should contact their counselor.

### **HOME SCHOOL GUIDELINES FOR RETURN TO MIDDLETOWN HIGH SCHOOL**

All approved home school students must meet with the high school counselor prior to being enrolled in Middletown High School. The student/parent must provide an official transcript of records from the accredited schooling agency. Courses taken prior to entering high school for High School credit may earn High School credit if indicated as High School credit on an official transcript.

If home school agency is not high school accredited, then appropriate standardized assessments must be provided in each subject area where credit is being sought. This assessment may also include any of the End of Course Exams as required for graduation. Students enrolling in classes at MHS, shall be placed in appropriate courses based on completion of pre-requisite courses during home school. The granting of home school credit in said subject area shall be based on the passing of the subsequent high school course or the passing (60%) of the end of year exam in the equivalent high school course. Only courses similar to those offered at MHS shall be considered for credit. Proficient scores on the EOC Exams would also be considered for courses in English, Math, Science and Social Studies. The granting of all credits shall be on a pass/fail (S/U) basis, since not on an accredited official high school transcript. Pass/Fail credits cannot be calculated into a student's GPA.

### **MIDDLETOWN HIGH SCHOOL APPLICATION FOR EARLY GRADUATION**

The Board of Education believes that it is in the best interest of students to complete a full, four-year high school program of studies and extra-curricular activities. However the Board recognizes that there may be individual cases in which the interests of students would be served best through an early graduation plan. This is typically completed through attending the Middie Virtual Program and not at the MHS building. Students and their parents must meet with the student's school counselor to consider their options and to secure the paperwork for approval. Accordingly, the early graduation plan for MHS shall be based on the following consideration and procedures:

Three Year Graduation

A student may complete requirements for graduation within three years and participate in commencement ceremonies if the following criteria are met:

1. The student shall have fulfilled all course requirements as established by the Middletown Board of Education and earned a minimum of Twenty (20) Credits, with all credits having been earned at an accredited high school, and met both the End of Course Competency graduation testing requirements as well as the Seal graduation requirements.
2. The student and parent/guardian shall confer with the counselor and submit the Early Graduation Request form to the counselor preferably by the end of the sophomore year, but no later than October 1 of the junior year, and retained in the student's permanent folder.
3. If approved by both the counselor and principal, the student's schedule shall be adjusted if possible. The student will remain as junior status.
4. Participation in all school activities will cease upon presentation of diploma.

Early Graduation

A student may complete requirements for graduation anytime during the first or second semester of their senior year and participate in commencement ceremonies if the following criteria are met:

1. The student must be in compliance with Criteria #1 from the 3-Year Graduation option above.
2. The student and parent/guardian shall confer with the counselor and submit the Early Graduation Request form to the counselor preferably by the end of the Junior year, but no later than October 1 of the senior year to graduate during semester 1 or February 1 to graduate during semester 2. The form will be retained in the student's permanent folder.
3. If approved by both the counselor and principal, the student's schedule shall be adjusted if possible.
4. Participation in all school activities will cease upon completion of graduation requirements, except for commencement. However, the student may attend school sponsored functions with administrative approval.

**ACADEMIC AWARDS AND HONORS**

<u>HONOR ROLL:</u>	Each semester students earning a GPA of 3.4 and above will be placed on the MHS Honor Roll
<u>CUM LAUDE:</u>	A student's final graduating cumulative GPA of 3.50-3.74.
<u>MAGNA CUM LAUDE:</u>	A student's final graduating cumulative GPA of 3.75-3.99.
<u>SUMMA CUM LAUDE:</u>	A student's final graduating cumulative GPA of 4.00 and above.

**PRESIDENT'S AWARD FOR EDUCATIONAL EXCELLENCE:** This award recognizes academic success in the classroom. To be eligible, Middletown High School students must meet the requirements as outlined below in both A and B.

- A. Grade Point Average:  
A student's non-weighted 7semester cumulative minimum GPA of 3.5 on a 4.0 scale
- B. National Testing:  
ACT remediation free/college ready minimum Reading and Math score of 22, or  
SAT remediation free/college ready minimum Reading score of 480 and minimum Math score of 530

**PRESIDENT'S AWARD FOR EDUCATIONAL ACHIEVEMENT:** This award recognizes students that show outstanding educational growth, improvement, commitment or intellectual development in their academic subjects but do not meet the criteria for the Educational Excellence Award. Its purpose is to encourage and reward students who give their best effort, often in the face of special obstacles or circumstances. To be eligible, Middletown High School students must meet the requirements as outlined below in both A and B.

A. Grade Point Average:

Show growth over the course of high school where their yearly GPA has risen overall from their junior to senior year to a minimum non-weighted 7 semester cumulative GPA of 3.0

B. National Testing:

ACT remediation free/college ready minimum Reading score of 22 or minimum Math score of 22 or minimum Composite score of 22 or

SAT remediation free/college ready minimum Reading score of 480 or minimum Math score of 530

**NATIONAL HONOR SOCIETY:** The Middletown Chapter of the National Honor Society requires students to meet the standards set by this organization established in 1921: Scholarship, Leadership, Service and Character.

To be eligible a student must have:

- completed the sophomore year
- attended Middletown Schools for one year (A requirement of the national organization)
- earned a weighted cumulative grade point average of 3.5

If a student meets the basic requirements during the first semester he or she will be eligible to be considered by the NHS Faculty Committee. The number of students inducted varies from year to year as there is no specific number set by the committee. Following the induction ceremony, all students who have not been selected will be contacted to discuss the process and to answer any questions. The following criteria are used by the committee in their evaluation:

1) Attendance

- (a) no more than 3 unexcused tardies and no more than 3 unexcused absences to school per semester
- (b) no disciplinary day of school during the year of eligibility
- (c) no suspension as a junior or senior and no more than one in prior years (Pride assignment is considered suspension)

2) Scholarship

- (a) must earn a minimum weighted cumulative GPA of 3.5
- (b) must have acquired the recommended Competency Graduation Scores for subjects completed

3) Leadership (must submit one of the following)

- (a) letter of recommendation from 2 teachers indicating demonstration of quality in the classroom, community or club
- (b) election or appointment as an officer of a school club or community organization and successful completion of duty
- (c) recognition or award from a school club or community organization (copies of award)

4) Service

- (a) Juniors must have been involved in a total of 5 high school activities and Seniors in a total of 7
- (b) Juniors must complete a minimum of 20 documented hours of community service and Seniors 35 since freshman year

5) Character

- (a) no documented incident of cheating
- (b) no documented incident of stealing or found guilty of any other criminal offense

**CRITERIA FOR ACADEMIC HONORS DIPLOMA:** Students must meet the following criteria:

- (1) Successfully complete the high school curriculum
- (2) Meet the new “2023 and beyond” graduation requirements outlined on page 14-15 of this book
- (3) Meet all but one of the following criteria, unless it is a minimum graduation requirement:
  - (a) 4 credits of Math, including Algebra I\*, Geometry, and Algebra II, and one other higher course
  - (b) 4 credits of Science including 2 credits of advanced science (inquiry based/lab courses, not Zoology, Environmental Science, or Indoor/Outdoor Science)
  - (c) 4 credits of Social Studies
  - (d) 3 credits of 1 World Language or two credits each of 2 languages\*, courses must be sequential
  - (e) 1 credit of Fine Arts
  - (f) Cumulative unweighted GPA of 3.5 on a 4.0 scale, through the first semester of senior year
  - (g) A composite score of at least 27 on the ACT or at least 1280 on the SAT (writing sections not included)

\*World Language and Algebra taken in Grade 8 may count toward these criteria

**CRITERIA FOR CAREER TECHNICAL HONORS DIPLOMA:** Students attending Butler Tech or any Career Technical school may earn a MHS Career Technical Honors Diploma by meeting the following criteria:

- (1) Successfully complete the high school curriculum
- (2) Meet the new “2023 and beyond” graduation requirements outlined on page 14-15 of this book
- (3) Meet all but one of the following criteria, unless it is a minimum graduation requirement:
  - (a) 4 credits of Math, including Algebra I\*, Geometry, and Algebra II, and one other higher course
  - (b) 4 credits of Science including 2 credits of advanced science (inquiry based/lab courses, not Zoology or Environmental Science)
  - (c) 4 credits of Social Studies
  - (d) 2 credits of one World Language\*, courses must be sequential
  - (e) 4 credits of Career-Technical courses
  - (f) Cumulative unweighted GPA of 3.5 on a 4.0 scale, through the first semester of the senior year
  - (g) A composite score of at least 27 on the ACT, or at least 1280 on the SAT (writing sections not included), or score 6 or higher on the Work Keys Reading and 6 or higher on the Applied Math
  - (h) Complete a field experience and document the experience in a portfolio specific to the student’s area of focus
  - (i) Develop a comprehensive portfolio of work based on the student’s field experience or a topic that is related to the student’s area of focus
  - (j) Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment

\* World Language and Algebra taken in Grade 8 may count toward these criteria.

**CRITERIA FOR STEM HONORS DIPLOMA:** Students must meet the following criteria:

- (1) Successfully complete the high school curriculum
- (2) Meet the new “2023 and beyond” graduation requirements outlined on page 14-15 of this book
- (3) Meet all but one of the following criteria, unless it is a minimum graduation requirement:
  - (a) 5 credits of Math, including Algebra I\*, Geometry, and Algebra II, and at least one other higher level course
  - (b) 5 credits of Science including 2 credits of advanced science (inquiry based/lab courses, not Zoology or Environmental Science)
  - (c) 3 credits of Social Studies
  - (d) 3 credits of 1 World Language or two credits each of 2 languages\*(sequential courses)
  - (e) 1 credit of Fine Arts
  - (f) Cumulative unweighted GPA of 3.5 on a 4.0 scale, through the first semester of senior year
  - (g) A composite score of at least 27(ACT) or at least 1280(SAT), writing not included

- (h) 2 credits of courses with STEM focus, courses may also apply toward math and science credits
  - (i) Complete a field experience and document the experience in a portfolio specific to the student's area of focus
  - (j) Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus
- \*World Language and Algebra taken in Grade 8 may count toward these criteria.

**CRITERIA FOR ARTS HONORS DIPLOMA:** Students must meet the following criteria:

- (1) Successfully complete the high school curriculum
  - (2) Meet the new "2023 and beyond" graduation requirements outlined on page 14-15 of this book
  - (3) Meet all but one of the following criteria, unless it is a minimum graduation requirement:
    - (a) 4 credits of Math, including Algebra I\*, Geometry, and Algebra II, and one other higher course
    - (b) 3 credits of Science including 1 credit of advanced science (inquiry based/lab courses, not Zoology or Environmental Science)
    - (c) 3 credits of Social Studies
    - (d) 3 credits of one World Language or two credits each of two languages\*, sequential courses
    - (e) 4 credit of Fine Arts
    - (f) Cumulative unweighted GPA of 3.5 on a 4.0 scale, through the first semester of senior year
    - (g) A composite score of at least 27(ACT) or at least 1280(SAT), writing not included
    - (h) 2 elective credits of courses with Fine Arts focus
    - (i) Complete a field experience and document the experience in a portfolio specific to the student's area of focus
    - (j) Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus
- \*World Language and Algebra taken in Grade 8 may count toward these criteria.

**CRITERIA FOR SOCIAL SCIENCE & CIVIC ENGAGEMENT HONORS DIPLOMA:** Students must meet the following criteria:

- (1) Successfully complete the high school curriculum
  - (2) Meet the new "2023 and beyond" graduation requirements outlined on page 14-15 of this book
  - (3) Meet all but one of the following criteria, unless it is a minimum graduation requirement:
    - (a) 4 credits of Math, including Algebra I\*, Geometry, and Algebra II, and at one other higher level course
    - (b) 3 credits of Science including 1 credit of advanced science (inquiry based/lab courses, not Zoology or Environmental Science)
    - (c) 5 credits of Social Studies
    - (d) 3 credits of one World Language or two credits each of two languages\*, sequential courses
    - (e) 1 credit of Fine Arts
    - (f) Cumulative unweighted GPA of 3.5 on a 4.0 scale, through the first semester of senior year
    - (g) A composite score of at least 27 on the ACT or at least 1280 on the SAT (writing sections not included)
    - (h) 3 elective credits of courses with a Social Science focus
    - (i) Complete a field experience and document the experience in a portfolio specific to the student's area of focus
    - (j) Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus
- \*World Language and Algebra taken in Grade 8 may count toward these criteria.

## EXTRACURRICULAR GUIDELINES

### **ELIGIBILITY**

- 1) By board policy, eligibility criteria for students in grades 7-12 include the following: A minimum of 1.55 GPA or above on a 4.0 system, the GPA is based on the previous semester's grades (2<sup>nd</sup> semester of 2022-23 for 2023 fall sports). A student who does not achieve a 1.55 GPA in the previous semester is ineligible to participate during the semester. The OHSAA eligibility requirements further mandate that:
  - a) Students entering 9th grade must have received passing grades in a minimum of five (5) of the classes in which they were enrolled in the immediately preceding grading period.
  - b) Students in grades 9-12 must have passed five 1 credit courses, or 2.5 credits in the immediately preceding grading semester. The five courses may be a combination of high school and college courses.

Please refer to the Middle Athletic Handbook for further information and regulations.

### NCAA Division I Academic Requirements

College-bound student-athletes first enrolling at an NCAA Division I school on or after August 1, 2016, will need to meet the following academic rules to practice, compete and receive athletics scholarships during their first year.

#### Full Qualifier

- Complete 16 core courses:
  - Ten of the 16 core courses must be completed before the seventh semester (senior year) of HS
  - Seven of the 10 core courses must be in English, Math, or Science
- Earn a core-course GPA of at least 2.30
- Earn the ACT/SAT score matching your core-course GPA on the Division 1 sliding scale
- Graduate high school

#### Academic Redshirt

- Complete 16 core courses
- Earn a core-course GPA of at least 2.00
- Earn the ACT/SAT score matching your core-course GPA on the Division 1 sliding scale
- Graduate high school

Students that plan on playing sports at a Division I or II school should register with NCAA Eligibility Center [www.eligibilitycenter.org](http://www.eligibilitycenter.org) just prior to their senior year of high school.

### NAIA Eligibility Requirements

#### TEST SCORE

Achieve a minimum of 18 on the ACT or 860 on the SAT.

#### HIGH SCHOOL GPA

Achieve a minimum overall high school grade point average of 2.0 on a 4.0 scale.

#### CLASS RANK

Graduate in the top half of your high school class.

Eligibility to play at an NAIA school is determined upon a student's graduation from high school. Students need to register with the NAIA Eligibility Center, [www.PlayNAIA.org](http://www.PlayNAIA.org) just prior to their senior year in high school if interested in playing sports at an NAIA college.

An early decision on eligibility for students that have completed their junior year in high school with at least a 3.0 GPA and the minimum test requirements, 18 on ACT and 860 on SAT, may be obtained before graduation.



**ART**

Students must earn one (1) full credit of Fine Arts (Art or Music Dept.), or earn at least one (1) full credit through a vocational lab course at a vocational/technical school such as Butler Tech or Warren County Career Center as part of their graduation requirement. The courses of Drama and Theatre may also be used to fulfill the Fine Arts requirement for graduation. One of the local Seals for graduation is the “Fine and Performing Arts Seal” where students may complete 3 credits to earn. When course registration numbers do not allow for a course to be offered, it may be possible to combine some courses in a different format.

<u>Code No.</u>	<u>Course Title</u>	<u>Level</u>	<u>Length</u>	<u>Credit</u>	<u>Recommendations</u>
5111	Intro to Art	9-12	Sem. I	.50	
5112	Intro to Art	9-12	Sem. II	.50	
5120	Art Exploration	9-12	Sem.	.50	
5318	Ceramics I Blk	10-12	Sem. Blk	1.0	5112 or 5120 w/perm
5338	Drawing/Painting Blk	10-12	Sem. Blk	1.0	5112 or 5120 w/perm
5418	Ceramics II Blk	11-12	Sem. Blk	1.0	5318
5438	Drawing/Painting II Blk	11-12	Sem. Blk	1.0	5338
5220	Digital Art I	10-12	Sem.	.50	
5320	Digital Art II	11-12	Sem.	.50	5220
5231	<b>Digital Media Productions</b>	10-12	Sem. I	.50	
5232	<b>Digital Media Productions</b>	10-12	Sem. II	.50	5231
5280	Professional Design	10-12	Sem.	.50	
5471	AP Studio Art	11-12	Sem. I	.50	5218
5472	AP Studio Art	11-12	Sem. II	.50	5471

**Intro to Art (Semester I & II) .50 credit per semester**

This art course will primarily focus on two-dimensional media in the first semester, and three-dimensional media in the second semester. This course is a foundation to the other visual arts studio courses and is designed for freshmen and sophomores, but may be taken in later years. Students will investigate several various media and techniques that they can use as they take upper level art classes in the future. Students investigate the elements and principles of two-dimensional art as well as learn the basic techniques and tools of art making. Students will create three-dimensional art pieces that reflect traditional and contemporary art making processes. Students will learn and apply art vocabulary as they reflect on their own artwork. Students will grow in their observational art-making skills, problem solving skills, and ability to understand and appreciate artworks as a product of diverse human culture. A full year of Art must be completed before taking any Drawing, Painting, or Ceramics courses, therefore taking it in the early years of high school allows the student to partake in the full art program. This course fulfills the fine arts requirement for graduation.

**Art Exploration (Semester) .50 credit**

This semester class is designed for the student who wants to learn how to incorporate art as part of their leisure time activities. This course looks at different types of art activities such as crafts and photography primarily focusing on two-dimensional art making processes. Students will also engage in looking at the history of art and how to incorporate art appreciation throughout life. There is no prerequisite for this class and successful completion would fulfill one-half of the fine arts requirement for graduation for those students who are not interested in advancing on with the Art program. With successful completion of this course and instructor approval, students are able to enroll in other visual art courses such as Ceramics and Drawing.

**Ceramics I Blk (Semester) 1.0 credit**

This blocked course examines the use of clay as a raw material as well as the breadth of its applications and ceramic techniques. Topics considered include vessels, sculptures, wheel-thrown pottery, slab built pottery, portraits, masks, artist research, and tile making. Students will be exposed to weekly demonstrations and lectures on both historical and contemporary works that relate to that week's project. Projects will build based on the previous techniques students have explored. They will be challenged to make artworks that are personally meaningful and to express the connections between their work and traditional or contemporary ceramics. Students will experiment and push themselves in their skill level as well as develop and express the thought process that guides their artwork. Students must have successfully earned one art credit in order to enroll (by completing a year of Intro to Art, or Art Exploration and another semester art course).

**Ceramics II Blk (Semester) 1.0 credit**

This blocked course is an extension to Ceramics I. Students will continue to examine the use of clay as a raw material as well as the breadth of its applications and ceramic techniques. They will be pushed to continue to work with clay in the various formats and styles, but with more adaptations and manipulations. Students will be exposed to weekly demonstrations and lectures on both historical and contemporary works that relate to that week's project. They will be challenged to make artworks that explore meaning and metaphor and also consider the relationship to contemporary issues and the traditions of ceramics. This course will require students to use a higher level thinking in order to create their projects with more exploration and experimentation. Students must have successfully completed Ceramics I to enroll.

**Drawing/Painting I Blk (Semester) 1.0 credit**

Students in this blocked course will take the drawing and painting skills they have gained from Art I & II and develop them further. This advanced drawing class is designed to introduce students to the skills required to accurately render what they see. It is also an opportunity for the more advanced artist to gain some visual and creative practice in drawing and painting that will enhance any artistic endeavors. The class objective is to provide the "tools" necessary to draw and paint with confidence and to develop within the student the ability to see the world the way artist's see. From there, assignments lead the student to express their own individual creativity. The course further enhances a well-rounded college entrance portfolio. Students must have successfully earned one art credit in order to enroll (by completing a year of Intro to Art, or Art Exploration and another semester art course).

**Drawing/Painting II Blk (Semester) 1.0 credit**

This course continues instruction in the language of drawing and painting and the use of various materials. Emphasis is placed on experimentation in the use of drawing and painting techniques, media, and graphic materials. Upon completion, students should be able to demonstrate increased competence in the expression use of graphic form and technique. The course further enhances the well-rounded college entrance portfolio. Students must have successfully completed Drawing/Painting I to enroll.

**Digital Art I (Semester) .50 credit**

Students will learn the fundamental techniques and processes for creating digital art in this semester course. Students will grow in their problem solving skills throughout the process of making digital art. The main focus of the course will be on learning the basic tools of Photoshop, file management, computer organization, and customizing hardware and software. Skills will include design, illustration, creative photo editing, and digital sculpting. Students will also grow in their understanding of related careers, and the elements and principles of design, composition. This course meets one-half of the fine arts graduation requirement. Students would have to take an additional half credit fine arts course to meet the full 1 credit requirement for graduation, which may be fulfilled by earning credit with Digital Art II.

**Digital Art II (Semester) .50 credit**

This semester builds on the skills learned in Digital Art I. Higher level thinking and problem solving will be used in the creation of more personally meaningful artworks and design problems that simulate those in related careers. Students will continue to grow in the art and craft of digital media, taking the basics that they learned in the first course and exploring the customization of tools and techniques. In successfully completing both of the Digital Art courses, the student would fulfill the full credit requirement of Fine Arts for graduation.

**Digital Media Productions (Semester I and II) .50 credit per semester**

This year-long course is designed for students in grades 10-12 who are wanting to participate in the production of digital media (such as audio and video). This course will introduce students to the basics of creating and editing in AR/VR, podcasts, video production, and much more through hands-on project based lessons. Students will engage in both individual and group projects for the production of their work, and will work with various software programs. There is no pre-requisite for this course.

**Professional Design (Semester) .50 credit**

This design-based semester course is created for students in grades 10-12 who are wanting to learn about digital design and how to brand and market themselves in the 21st century. Projects will include: a website, a portfolio, business cards, advertisement, creative resumes and other related documents. Students will guide their personal progression through the course by identifying a specific career choice or school/ program of interest. This class coincides with the “Modernization Movement” as it involves aspects of living and working in the 21st century, and can assist students who are working towards a specific career goal while still in high school. There is no pre-requisite for this course and successful completion would fulfill one-half of the fine arts graduation requirement.

**AP Studio Art (Semester I and II) .50 credit per semester**

This course is designed for students who are wanting to pursue art in their post-secondary education, or students who are artistically talented and wanting the opportunity to satisfy college art credit while in high school. AP Art, like other AP classes, offers the opportunity to earn college credit. Unlike other AP classes, AP Art does not require a test but rather a portfolio submission. Students will complete projects at their own pace towards their portfolio while meeting checkpoints, submitting class critiques, and gaining feedback from their peers to aid them in making adjustments. Students will be required to write artistic statements explaining their artwork and the process, and they will also be required to speak about their portfolio in answering questions from their peers. Students will be required to connect their artwork to what is happening socially and culturally in the world today, addressing issues and concepts that might be considered hot-topics in the world around us. Students will be able to advocate for the arts, and demonstrate an understanding of strategies towards creating a lifelong involvement in the arts. Students must have completed Intro to Art or Art Exploration and one additional course (such as: Digital Design, Professional Design, etc.), in addition to one advanced level art course (Ceramics, Drawing/ Painting) or have instructor permission in order to enroll in this course.

### BUSINESS SATELLITE

BT offers the Business Marketing & Management Career Field at MHS with a focus on Entrepreneurship and Logistics through these courses. Business Foundations meets the .5 credit of Financial Literacy as part of their graduation requirement, except beginning with the class of 2026. This requirement may also be met with completion of Career Fields & Pathways or Economics.

<u>Code No.</u>	<u>Course Title</u>	<u>Level</u>	<u>Length</u>	<u>Credit</u>	<u>Recommendations</u>
ZW115160	Business Foundations	9	Sem. I	.50	
	Business Foundations	9	Sem. II	.50	6111
ZW115160	Business Foundations Blk	10-12	Sem. Blk	1.0	
ZW907021	Management Principles	10-12	Sem. I	.50	
	Management Principles	10-12	Sem. II	.50	6211
ZW920021	Sports Marketing Blk	11-12	Sem. Blk	1.0	6112 or 6118
ZW203160	Financial Accounting	11-12	Sem. I	.50	2122 or 2142
	Financial Accounting	11-12	Sem. II	.50	6321
ZW238160	Logistics Management Blk	11-12	Sem. Blk	1.0	
ZW118160	Strategic Entrepreneurship	11-12	Sem. I	.50	any 2 courses
	Strategic Entrepreneurship	11-12	Sem. II	.50	6441
Z9910151	Leadership&Comm Engagement	12	Sem. I	.50	Counselor
	Leadership&Comm Engagement	12	Sem. II	.50	8671

#### **Business Foundations (Semester I and II) .50 credit per semester**

This entry level business course will allow students to obtain knowledge and skills in fundamental business activities, and acquire knowledge of business processes, economics and business relationships. Students will use technology to synthesize and share business information. Employability skills, communications, leadership, and personal financial literacy will be addressed. This meets the one-half financial literacy graduation requirement (sem 2). Also offered in a block.

#### **Management Principles (Semester I and II) .50 credit per semester**

In this course, students will focus on procedures and concepts that are related but not limited to professional leadership skills, ethical and legal issues, and be able to demonstrate career competencies. Students in this course will begin to earn Ohio Industry-Recognized Credentialing along with the opportunity to participate in DECA through various competitions and leadership events.

#### **Sports Marketing Blk (Semester) 1.0 credit**

This is the first course in the Marketing career field. It introduces students to the specializations offered in Marketing. Students will obtain fundamental knowledge and skills in marketing communications, marketing management, marketing research, merchandising and professional selling. They will acquire knowledge of marketing strategies, market identification techniques, employability skills, business ethics and law, economic principles and international business. Technology, leadership and communications will be incorporated in classroom activities. Many activities will be focused around marketing in sports and include partner or group collaboration. Students should have successfully completed Business Foundations prior to taking this course.

**Financial Accounting (Semester I and II) .50 credit per semester**

This year long course is designed to provide students with a basic understanding of accounting, principles, procedures and terminology in the use of computerized applications. Students who are planning on majoring in Business, particularly in finance or accounting in college, are encouraged to take this course. Students must have earned at least a “C” in Algebra IB or Algebra I to enroll in this class as a junior.

**Logistics Management Blk (Semester) 1.0 credit**

Students will determine how to facilitate the flow of goods from the point of origin to the point of consumption. Students will utilize technology to track supply chains and measure their effectiveness and efficiency. They also will identify opportunities to improve service levels, quality and costs through supply chains and select strategies for improving customer and supplier relationships. International business, business process analysis, project management, internal controls and compliance will be emphasized.

**Strategic Entrepreneurship (Semester I and II) .50 credit per semester**

Students will use innovation skills to generate ideas for new products and services, evaluate the feasibility of ideas, and develop a strategy for commercialization. They will use technology to select target markets, profile target customers, define the venture’s mission, and create business plans. Students will take initial steps to establish a business. Students will calculate and forecast costs, break-even, and sales. Establishing brand, setting prices, promoting products, and managing customer relationships will be emphasized in this year-long class. Students must have successfully completed at least 2 previous courses within the Business department to enroll.

**Leadership & Community Engagement (Semester I and II) .50 credit per semester**

No matter the career field that you plan to enter, strong customer service and employability skills are paramount to your ultimate success. In this course, students will earn foundational customer service and employability skills. These skills are developed through the completion of two certification programs offered in this course through the National Retail Federation...Retail Industry Fundamentals Specialist and Customer Service & Sales Specialist. Some of the skills obtained through completion of these certification courses include an understanding of job readiness skills, effective communication, basic customer service, knowledge of customer needs, and understanding the value of quality customer service. Seniors only will be placed in this class based on their Pathway to graduation. Students will have the opportunity to earn a 12 point industry credential and the Ohio Jobs Readiness Seal that will go toward their pathway to graduation.

## ENGINEERING

This Industrial, Manufacturing & Engineering Career Field offered by BT at MHS is a follow-up to the entry level STEM classes that were offered at MMS. Whether a student is curious to understand more about engineering, has decided to pursue a career, or simply wants to think critically, work collaboratively, and explore how math and science work in his or her everyday life, Project Lead The Way's Pathway to Engineering Program provides a track for success. Students engage in open-ended problem solving, learn and apply the engineering design process, and develop vital teamwork, communication, and critical-thinking skills. Throughout the courses, students use the same industry-leading technology and software as the world's top companies. These courses provide students who are interested in exploring careers in various types of Engineering and Manufacturing, an avenue in high school to take PLTW courses as a preparation for careers or post-secondary study in STEM fields.

<u>Code No.</u>	<u>Course Title</u>	<u>Level</u>	<u>Length</u>	<u>Credit</u>	<u>Recommendations</u>
ZW070150	PLTW: IED	9	Sem. I	.50	
	PLTW: IED	9	Sem. II	.50	
ZW070150	PLTW: IED Blk	10-12	Sem. Blk	1.0	
ZW109160	PLTW: CEA Blk	10-12	Sem. Blk	1.0	2112
ZW120160	PLTW: CIM Blk	10-12	Sem. Blk	1.0	
ZW071150	PLTW: POE Blk	11-12	Sem. Blk	1.0	2112

### **Project Lead The Way: Intro to Engineering Design Blk (Semester) 1.0 credit**

This entry level class can be taken in grades 9-12 and is designed for the student who is unsure about the engineering field; and is a pre-requisite to the other PLTW courses. Students engage into the engineering design process with hands on projects with less emphasis on math and science than the other pre-engineering courses. Students work both individually and in teams to design solutions to a variety of problems using 3-D modeling software. Student also have the opportunity to earn college credit through various colleges.

### **Project Lead The Way: Civil Engineering & Architecture Blk (Semester) 1.0 credit**

In this course students learn important aspects of building and site design, and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software. Student also have the opportunity to earn college credit through various colleges. It is recommended that students have earned credit in Algebra I to enroll.

### **Project Lead The Way: Computer Integrated Manufacturing Blk (Semester) 1.0 credit**

Manufactured items are part of everyday life, yet most students have been introduced to the high-tech, innovative nature of modern manufacturing. This course illuminates the opportunities related to understanding manufacturing while teaching students about manufacturing processes, product design, robotics, and automation. Students will design products using CNC machine, laser engraver, and 3-D printers. Students need to have working knowledge of Autodesk Inventor by having successfully completed Intro to Engineering Design.

### **Project Lead The Way: Principles of Engineering Blk (Semester) 1.0 credit**

This pre-engineering course can be taken in grades 11-12, but students must have completed Geometry. In addition to the problem solving skills in electronics, robotics and manufacturing processes, the analytical skills learned are applicable to any career field. Through problems that engage and challenge, students explore a broad range of engineering topics including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration and presentation. Student also have the opportunity to earn college credit through various colleges. It is recommended that students have earned credit in Geometry to enroll in this course.

## ENGLISH

Our standards-based language arts program continues to build upon the skills of reading, listening, speaking and writing that are needed for post-high school careers and higher education. In addition, research skills are broadened and practiced. Both fiction and non-fiction literature are studied in-depth. All students will have an opportunity to begin and follow a sequence of courses most appropriate to their educational and career goals with technology infused throughout all course offerings. Students must earn four (4) full credits of English as part of their high school graduation requirement. Students will take the State required EOC exam in English II upon completion of this course. Grade level courses:

Freshman	English I or Advanced
Sophomore	English II or Honors
Junior	English III or Honors
Senior	English IV or Honors

<u>Code No.</u>	<u>Course Title</u>	<u>Level</u>	<u>Length</u>	<u>Credit</u>	<u>Recommendations</u>
1111	English I	9	Sem. I	.50	
1112	English I	9	Sem. II	.50	
1131	Adv. English I	9	Sem. I	.50	Test Score
1132	Adv. English I	9	Sem. II	.50	1131
1211	English II	10	Sem. I	.50	
1212	English II	10	Sem. II	.50	
1231	Hon. English II	10	Sem. I	.50	Test Score
1232	Hon. English II	10	Sem. II	.50	1231
1311	English III	11	Sem. I	.50	
1312	English III	11	Sem. II	.50	
1331	Hon. English III	11	Sem. I	.50	1232 or Test Score
1332	Hon. English III	11	Sem. II	.50	1331
1411	English IV	12	Sem. I	.50	
1412	English IV	12	Sem. II	.50	
1431	Hon. English IV	12	Sem. I	.50	1332 or Test Score
1432	Hon. English IV	12	Sem. II	.50	1431

### **English I (Semester I and II) .50 credit per semester**

This Literature-based course concentrates on all the critical language skills: reading, writing, speaking, listening and viewing as defined through state and national standards. The instructional emphasis focuses on analysis, critical thinking, oral and written communication, and vocabulary. Students will analyze a variety of works in fiction, non-fiction, poetry and drama. The course includes a research project.

### **Advanced English I (Semester I and II) .50 credit per semester**

This course provides accelerated learners with an opportunity to refine their critical language skills. Students will analyze, synthesize and evaluate works from a variety of genres; demonstrate their ability to produce complex, analytical and persuasive writings of consistently high quality and sophistication; and actively participate in opportunities for speaking, listening and viewing. Students must attain the required test score to enroll and are expected to have control of grammar, mechanics and usage. This course also contains a research component.

**English II (Semester I and II) .50 credit per semester**

This course is designed to help students perform at the level of state and national standards in critical language skills: reading, writing, speaking and listening. This literature-based course continues to focus on the critical language skills with an instructional emphasis on analysis and persuasion. Students will continue their study of a variety of genre; practice higher-level critical thinking, and produce descriptive, analytical, and persuasive writings as well as informal responses. This course includes a paper/project incorporating research. Students will take the state required End of Course exam with the completion of this course.

**Honors English II (Semester I and II) .50 credit per semester**

This weighted course provides learners with an opportunity to further refine their critical language skills, continuing their study of a variety of genres. The emphasis in critical thinking will focus on analysis, synthesis and evaluation which students will demonstrate in complex descriptive, analytical and persuasive writings of consistently high quality and sophistication in their research project. These higher level-thinking skills also must be evident through active participation in class discussion and formal speaking opportunities. In order to focus on organization, content, and have sound control of grammar, mechanics and usage, students must attain the required test score to enroll. Students will take the state required End of Course exam with the completion of this course.

**English III (Semester I and II) .50 credit per semester**

The focus of this course is on American literature as related to the historical time period in which it is written. A strong emphasis is placed on reading comprehension strategies and applications for both literary and informational texts, and research procedures. The student will be required to demonstrate an ability to write a variety of compositions using the writing process. These may include but not limited to a response to literature and /or a reflective, analytical, or interpretive essay based on personal experience, informational or literary texts. All compositions will employ accepted writing conventions as well as an oral and/or visual component.

**Honors English III (Semester I and II) .50 credit per semester**

This weighted course utilizes the same standards and requirements as English III with increased rigor in curriculum and assessments. Students must have successfully completed Honors English II or attain the required test score to enroll in this course with their previous teacher's recommendation.

**English IV (Semester I and II) .50 credit per semester**

The focus of this course is on British Literature as related to the historical time period in which it is written. A strong emphasis is placed on reading comprehension strategies, reading applications for both literary and informational texts, and research procedures. The student will be required to demonstrate an ability to write a variety of compositions using the writing process. These may include a response to literature and/or a reflective, analytical, or interpretive essay based on personal experience, informational or literary texts. In addition, functional documents such as a resume, career narrative, and college application essays will be included.

**Honors English IV (Semester I and II) .50 credit per semester**

This weighted course utilizes the same standards and requirements as English IV with increased rigor in curriculum and assessments. This course may also be a good choice for those students who have completed their college English requirement through CCP, but yet want or need to take another English class at the high school. Students must have successfully completed Honors English III or attain the required test score to enroll in this course with their previous teacher's recommendation.

**Functional English (Semester I and II) .50 credit per semester**

Students are enrolled in this course through their Individual Education Plan. For all grade levels, this course provides small group and individual instruction and activities to increase independence and functional life skills. This course focuses on functional reading and writing skills related to functioning at home, work and the community. This course focuses on functional language arts concepts that are relevant to each student's own personal needs and life experiences.



**English for Language Learners Courses**

1111EL	English as Second Lang	9-12	Sem. I	.50	Assign thru student English Level
1112EL	English as Second Lang	9-12	Sem. II	.50	Assign thru student English Level
ELIN11	ESL Level 1	9-12	Sem. I	.50	Assign thru student English Level
ELIN12	ESL Level 1	9-12	Sem. II	.50	Assign thru student English Level
ELIN21	ESL Level 2	9-12	Sem. I	.50	Assign thru student English Level
ELIN22	ESL Level 2	9-12	Sem. II	.50	Assign thru student English Level
ELIN31	ESL Level 3	9-12	Sem. I	.50	Assign thru student English Level
ELIN32	ESL Level 3	9-12	Sem. II	.50	Assign thru student English Level
ELIN41	ESL Level 4	9-12	Sem. I	.50	Assign thru student English Level
ELIN42	ESL Level 4	9-12	Sem. II	.50	Assign thru student English Level
ELSK-1	ESL Study Skills	9-12	Sem. I	.50	Assign thru student English Level
ELSK-2	ESL Study Skills	9-12	Sem. II	.50	Assign thru student English Level

**English as Second Language (Semester I and II) .50 credit per semester**

This year long English class is designed for the English Language Learners who need additional modifications in order to minimize complications with the English language as their second language. Students are placed in this class based on their individual English Level. It is recommended that students also schedule a full year of ESL Level class. Credit is issued as a letter grade each time taken.

**English as Second Language Level 1-4 (Semester I and II) .50 credit per semester**

This year long support class is designed for the English Language Learners who need additional modifications in order to minimize complications with the English language as their second language at different levels. Students are placed in this class based on their individual English Level. It is recommended that students also schedule a full year study hall if possible. Credit is issued on a Satisfactory/Unsatisfactory (S/U) basis each time the course is taken.

**ESL Study Skills (Semester I and II) .50 credit per semester**

This year-long class may be recommended for our native Spanish speaking students who struggle with the English language needing additional intervention help, specifically those who have been in the United States for less than one year. This recommendation will be made through the ESL Coordinator. The course will focus on meeting the academic needs of the student in various classes. Specialized instruction and goal monitoring will be the primary focus of the class. Additional activities will include the development of study skills, post-secondary transition planning and preparation for standardized tests. Students may also be scheduled for the ESL Level class depending on need. Credit is issued on a Satisfactory/Unsatisfactory (S/U) basis each time taken.

## FAMILY AND CONSUMER SCIENCES

These classes are offered at MHS in conjunction with BT. Students will learn skills for managing individual and family needs, problem solving, setting goals, and being a leader. Students will experience a variety of teaching techniques: small group activities, presentations, hands-on projects, classroom discussions, labs, field trips, and community involvement. In each course, all students are required to complete a final semester-culminating-course-project and group community service project. Through integrated classroom activities, students will be given the opportunity to participate in Family, Career, and Community Leaders of America (FCCLA).

Middletown City Schools began implementing the Career and College Readiness piece which became mandatory with House Bill 487 in the 2015-16 school year. We are now offering a Career Experiences Internship class that involves leadership and community engagement for seniors.

<u>Code No.</u>	<u>Course Title</u>	<u>Level</u>	<u>Length</u>	<u>Credit</u>	<u>Recommendation</u>
Z9910158	Personal Wellness	9-10	Sem.	.50	
8540	Career Fields & Pathways	9	Sem.	.50	Required
8550	Advanced Career Fields	9	Sem.	.50	Required or 8540
8640	Career & College Readiness	11	Sem.	.50	
ZW188160	Contemporary Cuisine Blk	11-12	Sem. Blk	1.0	
ZW174160	Baking & Pastry Blk	11-12	Sem. Blk	1.0	
8658	Career Experiences Blk	12	Sem. Blk	1.0	

### **Personal Wellness (Life & Relationships) (Semester) .50 credit**

Do you ever feel stressed or like your daily habits could use some improvement? Are you getting the most out of your life? In this class, you will take an honest look at your own wellness in your body, mind, emotions, and social life. You will learn practical methods to improve these areas by managing stress, coping with loss, dealing with mental health, and taking care of your body. After learning how to be healthy yourself, we finish the course by learning how to have healthy relationships and practice leadership.

### **Career Fields & Pathways (Semester) .50 credit**

Career Fields & Pathways is a one-semester course providing an introduction assessing values and resources that support lifestyle goals, effective time management plans, stress management, and multicultural awareness that sustains a productive, meaningful lifestyle. Goal setting, planning and time management skills will be applied in reference to family and workplace. Students develop strategies for lifelong learning. Students will update their Individual Academic Career Plan (IACP) plans, be introduced to practical job skills, and interpret career and workplace issues. The course also demonstrates how academic achievement influences personal and career growth, the use of conflict resolution techniques and how to apply social skills that lead to effective school, career and family relationships that lead to a healthy, caring and responsible citizen. This course also meets the career & college readiness piece of HB 487 required of school districts in Ohio.

### **Advanced Career Fields & Pathways (Semester) .50 credit**

This section of the Career Fields & Pathways course is designed for those 9<sup>th</sup> graders that are concurrently scheduled in either Advanced English and Advanced World Studies and/or Advanced Physical Science. More emphasis will be placed on college search to coincide with college career majors as well as ACT/SAT preparation.

**Career & College Readiness (Semester) .50 credit**

Are you going to college? Do you know what Career lies ahead for you? This semester class is a must during a student's junior year and will provide an opportunity to explore what it takes to get into college and what happens when you get there. You will experience selecting a college, filling out an application, financial aid, scholarships, grants and loans, dorm life, nutrition and wellness, everyday survival skills, communication skills and decision making. Students will also update Individual Academic Career Plan (IACP) plans, explore advanced practical job skills, and interpret career and workplace issues. The course also demonstrates how academic achievement influences personal and career growth, the use of conflict resolution techniques and how to apply social skills that lead to effective school, career and family relationships that lead to a healthy, caring and responsible citizen. The course provides an advanced assessment of values and resources that support lifestyle goals, effective time management plans, stress management, and multicultural awareness that sustains a productive, meaningful lifestyle. Goal setting, planning and time management skills will be applied in reference to family and workplace. Students develop strategies for lifelong learning. In addition to college planning, ACT/SAT preparation is included.

**Contemporary Cuisine Blk (Semester) 1.0 credit**

This course is the first step toward a culinary career. The skills students will learn can be used in culinary school, in the food industry, and in the home. Students will be in the kitchen lab at least twice per week practicing cooking methods and techniques to prepare breakfast foods, sauces, soups, salads, sandwiches, various starches, dishes from Asian cuisine, steak and potatoes, and much more! The culminating project for this course is a "Chopped" competition modeled after the show where students must incorporate three key ingredients into a dish served to judges. Safe food handling and equipment usage are also covered in this 2 period blocked class.

**Baking & Pastry Blk (Semester) 1.0 credit**

The skills students will learn in this course can be used in culinary school, the food industry, and in the home. Important culinary skills including kitchen and food safety, sanitation, and knife skills are taught and practiced. Students will be in the food lab kitchens at least twice per week practicing baking basics such as quick breads, yeast breads, pie crust, cookies and cake-baking. Our curriculum includes advanced principles of flavor profiles, plating, food science, and more. The culminating project for this course is a "Cupcake Wars" competition modeled after the Food Network show. This is a 2 period blocked class.

**Career Experiences Blk: Leadership & Community Engagement (Semester) 1.0 credit**

In this blocked course students will learn how to become an active community member and citizen. An emphasis will be placed on in-service learning such as job shadowing/internship experience, leadership training and teambuilding opportunities. Students also receive assistance with completing the Ohio Means Jobs Readiness Seal, gaining evidence in demonstrating the following skills: reliability, work ethic, punctuality, discipline, teamwork/collaboration, professionalism, learning agility, critical thinking/problem solving, leadership, creativity/innovation, oral and written communication, digital technology, global/intercultural fluency, and career management. This class is offered in a 2 period block for 1 credit and students must complete an application.

### WORLD LANGUAGE

Even though World Language, specifically, is not a high school graduation requirement, it is highly recommended that students complete at least two years of the same World Language when planning to attend a four year college. The advantages of taking a World Language include enhanced career possibilities, foreign travel potential, cultural and political understanding, and personal satisfaction. Many colleges have two years of World Language as an entrance requirement. Listening, speaking, reading, and writing are part of the entire program of a modern World Language, but there is particular emphasis on listening with comprehension and speaking in the first year. State academic content standards are followed in all World Language courses. Fluency in the language is commensurate with the number of years of study and is not to be expected immediately.

<u>Code No.</u>	<u>Course Title</u>	<u>Level</u>	<u>Length</u>	<u>Credit</u>	<u>Recommendations</u>
1611	Spanish I	9-12	Sem. I	.50	
1612	Spanish I	9-12	Sem. II	.50	1611
1621	Spanish II	9-12	Sem. I	.50	1612
1622	Spanish II	9-12	Sem. II	.50	1621
1631	Spanish III	10-12	Sem. I	.50	1622
1632	Spanish III	10-12	Sem. II	.50	1631
1641	Hon. Spanish IV	11-12	Sem. I	.50	1632
1642	Hon. Spanish IV	11-12	Sem. II	.50	1641
1651	Hon. Spanish V	12	Sem. I	.50	1642
1652	Hon. Spanish V	12	Sem. II	.50	1651
1671	CCP Spanish 2201	12	Sem. I	1.0	1642
1672	CCP Spanish 2202	12	Sem. II	1.0	1671
1661	Spanish Heritage	10-11	Sem. I	.50	recommendation
1662	Spanish Heritage	10-11	Sem. II	.50	1661
1711	French I	9-12	Sem. I	.50	
1712	French I	9-12	Sem. II	.50	1711
1721	French II	10-12	Sem. I	.50	1712
1722	French II	10-12	Sem. II	.50	1721
1731	French III	11-12	Sem. I	.50	1722
1732	French III	11-12	Sem. II	.50	1731
1741	Hon. French IV	12	Sem. I	.50	1732
1742	Hon. French IV	12	Sem. II	.50	1741
1771	CCP French	12	Sem. I	1.0	1732
1772	CCP French	12	Sem. II	1.0	1771

#### **CRITERION FOR PLACEMENT OF A 9th GRADE STUDENT IN A LANGUAGE AT MHS:**

**FRENCH I/SPANISH I** - Students entering this language for the first time with at least a B average in English or students who have studied the language in the eighth grade but who have not maintained at least a "C" average.

**SPANISH II** - Students who have studied the language in the eighth grade, and who have maintained an average of "C" or higher. Students who have a "C" average and who feel some anxiety about enrolling in this course should at least begin at this level. The teacher will then direct the student to the first level if so needed.

**Spanish I (Semester I and II) .50 credit per semester**

This year-long class offers the beginning college-bound student an introduction to one of the most widely spoken languages in the world today. Students in first level Spanish focus on learning through basic conversation with emphasis on speaking, listening, reading and writing proficiency. Emphasis is placed on understanding and pronunciation, using authentic listening materials. A variety of strategies will be utilized incorporating culture with language learning.

**Spanish II (Semester I and II) .50 credit per semester**

In this class, students increase their ability to read, write, speak and understand the Spanish language. Emphasis will be placed on expanding the vocabulary and structures of the previous level. There is also further study of the culture and civilization of Spanish speaking countries. A “C” average in Spanish I is recommended.

**Spanish III (Semester I and II) .50 credit per semester**

Spanish III is designed for students who have completed two credits of high school Spanish. This course continues the five-fold emphasis of listening, speaking, reading, writing and culture and allows the student to comfortably use the Spanish language in realistic settings. A “C” average in Spanish II is recommended.

**Honors Spanish IV (Semester I and II) .50 credit per semester**

This weighted year-long course continues the study of the Spanish language and the development of communicative proficiency in Spanish. Students in fourth level Spanish will experience a synthesis of previously learned language skills with emphasis on historically and culturally authentic materials. Students will read and discuss literature with pertinent themes in mind. A “C” average in Spanish III is recommended.

**Honors Spanish V (Semester I and II) .50 credit per semester**

This weighted year-long course is taught congruently with CCP Spanish for those students who do not want to or do not qualify to take the CCP course. The course itself reviews grammar learned in the elementary level of college Spanish and offers selected readings in Hispanic literature. Oral proficiency and listening comprehension skills are highly emphasized. A “C” average in Spanish IV is recommended.

**CCP Spanish 2201 thru Sinclair (Semester I) 1.0 credit**

This weighted 3 semester hour college course is offered through the College Credit Plus program in conjunction with Sinclair Community College. Students will need to apply to Sinclair through the CCP program with their high school counselor before April 1 and accepted by Sinclair in order to take the class. All CCP rules and regulations will apply. The course itself reviews grammar learned in the elementary level of college Spanish and offers selected readings in Hispanic literature. Oral proficiency and listening comprehension skills are highly emphasized. This course is part one of the second year of university-parallel language study. Students should have earned at least a “C” in Spanish IV to enroll.

**CCP Spanish 2202 thru Sinclair (Semester II) 1.0 credit**

This weighted 3 semester hour college course is offered through the College Credit Plus program in conjunction with Sinclair Community College. Students will need to apply to Sinclair through the CCP program with their high school counselor before April 1 and accepted by Sinclair in order to take the class. All CCP rules and regulations will apply. The course itself reviews grammar learned in the elementary level of college Spanish and offers selected readings in Hispanic literature. Oral proficiency and listening comprehension skills are highly emphasized. This course is part two of the second year of university-parallel language study. Students should have earned at least a “C” in Spanish 2201 to enroll.

**Spanish Heritage (Semester I and II) .50 credit per semester**

This year-long class is for Spanish Heritage speakers; students that speak Spanish at home as their native language, but speak English in societal and academic settings. The course seeks to enhance and/or continue development of language skills, speaking, listening, reading and writing, in Spanish as a first language. Prospective students must meet intermediate-middle proficiency level in the ACTLF Scale in order to enroll.

**French I (Semester I and II) .50 credit per semester**

This year-long class offers the beginning college bound student an introduction to the French language. Students in first level French focus on learning through basic conversation with emphasis on speaking, listening, reading and writing proficiency. Emphasis is placed on understanding and pronouncing, using authentic listening materials. A variety of strategies will be utilized incorporating culture with language learning.

**French II (Semester I and II) .50 credit per semester**

This year-long course is designed to strengthen the student's ability to read, write, understand and speak the language. Emphasis will be placed on expanding the vocabulary and structures of the previous level. There is also further study of the culture and civilization of France and other French speaking countries. A "C" average in French I is recommended for level advancement.

**French III (Semester I and II) .50 credit per semester**

This year-long course is designed for students who have successfully completed two years of high school French. This course continues the five-fold emphasis of listening, speaking, reading, writing and culture. French III allows the student to comfortably use the French language in realistic settings using thematically expanded vocabulary. A "C" average in French II is recommended.

**Honors French IV (Semester I and II) .50 credit per semester**

This weighted year-long course continues the study of the French language and the development of communicative proficiency in French. Students in the fourth level of French will experience a culmination of previously learned language skills with emphasis on historically and culturally authentic materials. A literacy component will also be included. A "C" average in French III is recommended.

**CCP French thru MUM (Semester I) 1.0 credit**

This weighted 3 semester hour college course is offered through the College Credit Plus program in conjunction with Miami University Middletown. Students will need to apply to MUM through the CCP program with their high school counselor before April 1 and accepted by MUM in order to take the class. All CCP rules and regulations will apply. The course itself reviews grammar learned in the elementary level of college French and offers selected readings in French Literature. Oral proficiency and listening comprehension skills are highly emphasized. This course is part one of the second year of university-parallel language study. Students should have earned at least a "C" in French III to enroll. Students who do not qualify for this course are recommended to continue with the high school French sequence of courses.

### HEALTH and PHYSICAL EDUCATION

Students must earn .5 credit of Health and .5 credit of Physical Education as part of their high school graduation requirement. The primary objectives of the Physical Education class are to increase fitness, to learn to enjoy a variety of activities to develop skills of teamwork, cooperation, respect and listening; and to gain confidence in one's personal abilities. An attempt is made to include activities in three areas: personal fitness, team sports and lifetime sports. Appropriate dress is required. All courses follow national and state content standards.

MHS offers a block format class during the school day for freshmen to have the opportunity to earn .5 credit during one semester. Students only have one opportunity to take the PE class in a block format. A student may choose to substitute interscholastic athletics, marching band, winter guard, show choir and/or cheerleading for their physical education credit. Students will have to complete two (2) seasons of these substitutions in order to earn .5 credit, and may not substitute any less than that. A maximum of .5 credit may be earned through these substitutions.

#### Mandatory Guidelines:

- 1) Students will have the opportunity to earn .5 credit after successful completion of two (2) seasons on a pass/fail (S/U) basis where this will not be a part of their GPA.
- 2) Seasons are determined by the official starting date and conclude at the final formal activity.
- 3) Students must maintain at least 90% attendance in the activity.
- 4) Partial credit for one sport season will not be granted with a maximum of .5 credit being earned as a substitution for physical education.
- 5) The coach, director or supervisor of the program shall be notified by the Guidance Office/Athletic Director of participation and make the final determination for the 90% attendance rate.
- 6) PE Waiver form must be completed and turned in to the Guidance Office at the end of the sport season.
- 7) Requests to be moved back into the daily P.E. class after the beginning of the school year may be denied regardless of not making the team or non-attendance of the activity due to enrollment.
- 8) It is recommended that the PE graduation requirement be completed by the end of the sophomore year.

<u>Code No.</u>	<u>Course Title</u>	<u>Level</u>	<u>Length</u>	<u>Credit</u>	<u>Recommendations</u>
7118	Physical Education Blk	9-10	Sem. Blk	.50	
7120	Physical Education	9-11	Sem.	.25	
7140	Health	9-10	Sem.	.50	
ZW146160	Medical Terminology	10-12	Sem. I	.50	
	Medical Terminology	10-12	Sem. II	.50	7151
ZW214160	Health Nutrition & Wellness	9-10	Sem. I	.50	
	Health Nutrition & Wellness	9-10	Sem. II	.50	7211
7220	PEOPEL Program	10-12	Sem.	1.0	Application, 7118/7120
ZW221160	Sports Exercise Psychology Blk	10-12	Sem. Blk	1.0	7211 or 7140
7340	Strength & Conditioning	10-12	Sem.	.50	7118 or 7120
ZW153160	Fitness Eval&Assessment Blk	10-12	Sem. Blk	1.0	7211 or 7140
7420	Sports Officiating	11-12	Sem.	.50	7118 or 7120
ZW150160	Exercise & Athletic Training Blk	10-12	Sem. Blk	1.0	7211 or 7140

**Physical Education Blk (Semester) .50 credit**

With the ever-increasing awareness of obesity in our society, it is our goal that the students realize the importance of being physically fit and strive to improve their overall fitness by participating in Physical Education. There will be a variety of individual, team and lifetime sports offered to the students. Students will participate and learn how to play: soccer, volleyball, basketball, softball, flag-football, table tennis, pickle ball, badminton, archery, tennis and golf. Students are also required to complete state mandated written and fitness related assessments throughout the semester. This semester long class is offered in a block format so students can earn their .5 credit requirement in a single semester. Failure in this class will require the student to complete 2 semesters of 7120.

**Health (Semester) .50 credit**

Students must have .5 credit, of Health Education. The course is designed to meet the needs of the young adolescent. This course explores body structures and functions, safety and first aid, health practices and wellness, community and environmental health, health careers and related occupations, diseases, human sexuality, and substance use and abuse. This course follows state guidelines and uses the National Health Curriculum.

**Medical Terminology (Semester I and II) .50 credit per semester**

This year long course is offered through BT introducing students to the practicing world of healthcare as part of the *Exercise Science Pathway* and is an excellent class for students who want to apply to the Health Science program at the Butler Tech Bioscience Center or future Exercise Science classes at MHS. In this course the students will be prepared for future careers in the areas of Health, Nursing, Medical Records, Athletic Training, and Exercise Science. Students will develop a working medical vocabulary through an understanding of medical word parts and how the parts are combined to form and define medical terms. Students will learn anatomical words and participate in hands-on activities and will have interactions with healthcare professionals. Students who pass the course with a C or better and pass the WebXam state test will be eligible for CTAG credit.

**Health Nutrition & Wellness-formerly Health Science I (Semester I and II) .50 credit per semester**

This year long course is offered through BT as part of the *Health & Exercise Science Pathway* giving insight to the Health Science/Diversified Health Occupations career fields. Students will increase their knowledge of comprehensive health and wellness. Students will be able to identify the components of fitness and communicate the relationship between physical fitness, physical performance, injury prevention, and nutritional intake. Students will evaluate an individual's state of nutrition based upon the impact of personal choices and social, scientific, psychological and environmental influences. Further, students will calculate an individual's kilocalorie burn rate and recommend an ideal diet and physical fitness plan. This course fulfills the health graduation requirement.

**Physical Education "PEOPEL PROGRAM" (Semester) .50 credit**

Physical Education Opportunity Program for Exceptional Learners is a unique physical education alternative designed for students wishing to provide a service to students with multiple disabilities. Students, after being selected for the program, undergo specialized training in preparation for being teamed with a multiply disabled partner. Activities are individually designed for both partners for the purpose of developing physical and mental skills. There will be a variety of individual, team and lifetime sports offered to the students. Mentors' responsibilities will involve participation in, assisting, and sometimes leading group activities. Students must have successfully completed their PE requirement to enroll in this class. Students may take multiple times with instructor permission and space available. Credit is issued as Satisfactory/Unsatisfactory (S/U).

**Sports Exercise Psychology Blk (Semester) 1.0 credit**

This semester long 2 period blocked course is offered through BT as part of the *Exercise Science Pathway*. In this class students apply practical and theoretical information as it relates to the psychology of sport. Students analyze the reciprocal relations among physical activity, exercise behavior, and biochemical and physiological adaptation. Topics include theories of behavior change, exercise psychology interventions, and the relationship between exercise and mental health. Further, students will identify psychosocial determinants and the effects associated with adopting and maintaining an exercise program and develop strategies for promoting optimal performance in athletes.



**Strength & Conditioning (Semester) .50 credit**

This semester course is designed to educate students in key areas of health and fitness. The main areas of focus include muscular strength and endurance, cardiovascular endurance, power, flexibility and balance. Students will learn strength training techniques and will be able to design a strength-training and conditioning program that is realistic and attainable for their specific goals. This course does require a high level of physical activity, thus appropriate dress for class is required. This course requires periodic assessments as well as physical assessments. The benefits to the students will be physical activity and knowledge on how to develop a fitness program to help them meet their lifetime physical goals. Students will take a pre-test and post-test on specific strength exercises and their height, weight and BMI. The hands-on approach of this class should allow the students to develop and learn strength training and conditioning techniques that will allow them to develop a physical fitness routine that will contribute greatly to a healthy lifestyle. Students must have completed their PE requirement to enroll.

**Fitness Evaluation & Assessment Blk (Semester) 1.0 credit**

This semester long 2 period course is offered through BT as part of the *Exercise Science Pathway*. It is designed for students to complete comprehensive fitness evaluations and develop individualized training programs. Students will administer lab and field tests of cardiovascular endurance, body composition, joint flexibility and muscular strength, power, and endurance. Emphasis is placed on assessing body composition, neuromuscular flexibility, agility, balance, coordination, and proprioception. Additionally, students will identify components of physical fitness and communicate how physical activity impact health and wellness. Students will have an opportunity to take a personal training certification exam at the end of this course to become a personal trainer. Students who pass the course with a C or better and pass the WebXam state test will be eligible for CTAG credit. It is recommended students enrolling in this course have successfully completed Health Nutrition & Wellness.

**Sports Officiating (Semester) .50 credit**

This semester course is the study and application of officiating various sports. This class will offer students the opportunity to become licensed officials through the Ohio High School Athletic Association (OHSAA) in the following sports: baseball, basketball, soccer and softball. Students may also take this class without having to pursue OHSAA certification. All four sports are taught during a semester, with a minimum of 24 contact hours for each. The class will focus on the skills necessary to become a sports official with the opportunity to gain employment as a teenager through their adult life. In order to earn a license, students are required to take the open book test after completing each sport and pay the \$35 fee for each sport with OHSAA certification.

**Exercise & Athletic Training Blk (Semester) 1.0 credit**

This semester long 2 period course is offered through BT as part of the *Exercise Science Pathway*. Students will apply procedures and techniques used in athletic training and in the care and rehabilitation of athletic injuries and therapeutic exercise. Topics include injury prevention, conditioning, and wound care techniques of the musculoskeletal system. Students will learn techniques in the analysis of mechanical factors related to human movement. In addition, current trends, technology, legal considerations, and the role of exercise science in relationship to other health fields will be emphasized. Students will learn first aid and CPR skills and have an opportunity to get certified. Students will also have an opportunity to take the Physical Therapy Aide certification exam at the end of the course. Students who pass the course with a C or better and pass the WebXam state test will be eligible for CTAG credit. It is recommended students enrolling in this course have successfully completed Health Nutrition & Wellness.

***Students will have the opportunity to earn a \$3000 scholarship to Sinclair College or Cincinnati State if they take 2 or more of the 5 courses in the Exercise Science pathway through Butler Tech and meet the specific scholarship GPA requirement for each college. For more information, contact Mrs. Williams at “williamsm@middletowncityschools.com” at MHS.***

**MATHEMATICS**

Students must earn four (4) full credits of Math, to include Algebra II, as part of their graduation requirement. Calculators are used in all math courses. Students will take the State required EOC exams in both Algebra I and Geometry upon completion of those courses.

<u>Code No.</u>	<u>Course Title</u>	<u>Level</u>	<u>Length</u>	<u>Credit</u>	<u>Recommendations</u>
2121	Intro to Algebra I	9	Sem. I	.50	
2122	Intro to Algebra I	9	Sem. II	.50	
2111	Algebra I	9	Sem. I	.50	Test Score
2112	Algebra I	9	Sem. II	.50	2141
2131	Adv. Geometry	9	Sem. I	.50	Test Score
2132	Adv. Geometry	9	Sem. II	.50	2131
2211	Geometry	10-11	Sem. I	.50	2192 or 2142
2212	Geometry	10-11	Sem. II	.50	2211
2231	Honors Algebra II	10	Sem. I	.50	2132
2232	Honors Algebra II	10	Sem. II	.50	2231
2311	Algebra II	11-12	Sem. I	.50	2212 or 2132
2312	Algebra II	11-12	Sem. II	.50	2311
2321	Math Modeling & Reasoning	11-12	Sem. I		2212
2322	Math Modeling & Reasoning	11-12	Sem. II		2321
2331	Honors Pre-Calculus	11	Sem. I	.50	2232
2332	Honors Pre-Calculus	11	Sem. II	.50	2331
2341	<b>Data Science Foundations</b>	11-12	Sem. I		2212 or 2132
2342	<b>Data Science Foundations</b>	11-12	Sem. II		2341
2411	Financial Algebra	12	Sem. I	.50	2312 or 2332
2412	Financial Algebra	12	Sem. II	.50	2411
2421	Pre-Calculus	11-12	Sem. I	.50	2312 or 2232
2422	Pre-Calculus	11-12	Sem. II	.50	2421
2431	Honors Calculus AB	12	Sem. I	.50	2332
2432	Honors Calculus AB	12	Sem. II	.50	2431
2451	AP Calculus AB	12	Sem. I	.50	2332
2452	AP Calculus AB	12	Sem. II	.50	2451
2461	Honors Statistics	11-12	Sem. I	.50	2232 or 2422
2462	Honors Statistics	11-12	Sem. II	.50	2461
2471	AP Statistics	11-12	Sem. I	.50	2232 or 2422
2472	AP Statistics	11-12	Sem. II	.50	2471

### **HS SEQUENTIAL PLACEMENT BEGINNING WITH GRADE 9**

All students will be placed in a given course based on their grades and test scores taken in 8th grade.  
Algebra I – Geometry – Algebra II or Quan. Reasoning or Data Science – Pre-Calculus or Financial Algebra  
Adv Geometry – Honors Algebra II – Honors Pre-Calculus – Honors/AP Calculus or Honors/AP Statistics

#### **ALL STUDENTS RECOMMENDED TO PURCHASE A GRAPHING CALCULATOR:**

Most classes will utilize the online Desmos graphing calculator, which can be accessed at Desmos.com. Desmos is the approved calculator used on both the Algebra I and Geometry end of course tests. For students taking upper level courses and/or taking the CT, PSAT, or SAT, it is recommended that they purchase their own TI -84 or better graphing calculator. It is also the expectation in most colleges and universities that students have experience with graphing calculators. The TI -84 calculator comes in several different editions (PLUS, Sliver, Inspire), but only a standard edition is necessary. We recommend researching on the internet to find the best prices.

#### **Intro to Algebra I (Semester I and II) .50 credit per semester**

This year long course is designed as a support class taken in conjunction with Algebra I during the 9th grade year. The purpose of this class is to provide additional time and support for students to successfully demonstrate the skills and knowledge correlated with the concepts taught in Algebra I. The course is fully aligned to the topics and rigor of the Ohio State Standards for Mathematics and satisfies one full credit towards the four(4) mathematics graduation requirements. Students must be enrolled in Algebra I congruently.

#### **Algebra I (Semester I and II) .50 credit per semester**

This year-long course is for freshmen only. The course is fully aligned to the topics and rigor of the Ohio State Standards for Mathematics and satisfies one full credit towards the mathematics graduation requirement. These topics include 21st century skills and problem solving that develop a deep understanding of algebraic properties, concepts and operations. Students will schedule Geometry the following year. Students will take the state required End of Course exam upon completion.

#### **Advanced Geometry (Semester I and II) .50 credit per semester**

This year-long accelerated course is limited to freshmen students who have earned a full credit of Algebra from grade 8 and attained the required test score. The student should have a desire to complete a challenging course demanding critical thinking and rigorous problem solving with the expectation to enroll in Honors Algebra II, Honors Pre-Calculus, and finally AP Calculus during their senior year. The course is fully aligned to the topics and rigor of the Ohio State Standards for Mathematics and satisfies one full credit towards the mathematics graduation requirement. The topics include 21<sup>st</sup> century skills and problem solving through explorations of complex situations, formal mathematical reasoning and a deepening of the student's understanding of geometric relationships. This course follows the objectives of the regular Geometry course while providing enrichment and application at a faster pace. Students will explore properties of 2-D and 3-D geometric figures, inductive and deductive reasoning, constructions, transformations, trigonometric ratios, functions and probability. Students will take the state required End of Course exam with the completion of this course.

#### **Geometry (Semester I and II) .50 credit per semester**

This year-long course is for students who have successfully completed Algebra I and a prerequisite for Algebra II. The course is fully aligned to the topics and rigor of the Ohio State Standards for Mathematics and satisfies one full credit towards the mathematics graduation requirement. The topics include 21<sup>st</sup> century skills and problem solving that makes use of geometric relationships and formal mathematical reasoning. In this course students will explore properties of 2-D and 3-D geometric figures, inductive and deductive reasoning, constructions, transformations, trigonometric ratios, functions and probability. Students will take the state required End of Course exam with the completion of this course.

**Honors Algebra II (Semester I and II) .50 credit per semester**

This year-long weighted honors course is limited to sophomore students who have successfully completed Advanced Geometry their freshman year, or sophomores who earned an “A” in Algebra I and are wanting to take this with Geometry. Honors Algebra II is a prerequisite for Honors Pre-Calculus. The student should have a desire to complete a challenging course demanding critical thinking and rigorous problem solving with the expectation to enroll in Honors Pre-Calculus and AP Calculus their senior year. The course is fully aligned to the topics and rigor of the Ohio State Standards for Mathematics and satisfies one full credit towards the mathematics graduation requirement. The topics include 21<sup>st</sup> century skills and problem solving through a deepening of the student’s understanding of functional relationships. Honors Algebra II follows the objectives of the regular Algebra II course while providing enrichment and application at a faster pace. Students will explore families of functions, use different number systems, and use algebra to model and solve problem situations.

**Algebra II (Semester I and II) .5 credit per semester**

This year-long course is intended for junior and senior students who have successfully completed Alg I and Geometry. The course is fully aligned to the topics and rigor of the Ohio State Standards for Mathematics and satisfies one full credit towards the mathematics graduation requirement. The topics include 21<sup>st</sup> century skills and problem solving that makes use of a deepening understanding of algebraic properties, concepts and operations. Students will explore families of functions, use different number systems, and use algebra to model and solve problem situations.

**Math Modeling & Reasoning (Semester I and II) .5 credit per semester**

This year-long course is designed to promote reasoning, problem-solving and modeling through thematic units focused on mathematical practices while reinforcing and extending content in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry. Students will engage in problem-solving and modeling to experience mathematics within the real-world context. The curriculum will prepare students to enter into a first-year college math course or into the workforce. This course will be for juniors and seniors only who have earned at least a “C” in Geometry to enroll and may use this as a substitute in meeting the high school graduation requirement for Algebra II.

**Honors Pre-Calculus (Semester I and II) .50 credit per semester**

This year-long weighted honors course is limited to junior students who have completed Honors Algebra II with at least a “C” average, or seniors with a solid “A” in Algebra II. Honors Pre-Calculus is a pre-requisite for AP Calculus. The student should have a desire to complete a challenging course demanding critical thinking and rigorous problem solving with the expectation to enroll in AP Calculus their senior year. The course is fully aligned to the topics and rigor of the Ohio State Standards for Mathematics and satisfies one full credit towards the mathematics graduation requirement. The topics covered include 21<sup>st</sup> century skills and problem solving through a deepening of the student’s understanding of functional relationships and an intensive study of trigonometry. This course progresses at a faster pace to include the study of trigonometric functions, polar graphing, vectors and a thorough study of different families of functions as well as matrices, conic sections, logarithms, limits, sequence and series.

**Data Science Foundations (Semester I and II) .50 credit per semester**

This course is a blend of quantitative reasoning, statistics and computer science with a goal of gaining meaningful insights from data. Students will use various tools, algorithms, and machine learning principles to discover hidden patterns and learn from them. While statistics has a focus on explaining data, data science focuses on using data to make predictions and decisions. This course is designed to teach students to reason with, and think critically about, data in all forms. This course meets the Algebra II graduation requirement. This new course will be for juniors or seniors only who have earned at least a “C” in Geometry to enroll and may substitute in meeting the high school graduation requirement for Algebra II.

**Financial Algebra (Semester I and II) .50 credit per semester**

This year-long course is intended for seniors who completed Algebra II with a “C” or “D”. The course is fully aligned to the topics and rigor of the Ohio State Standards for Mathematics and satisfies one full credit towards the mathematics graduation requirement. The topics covered include 21st century skills and problem solving by combining algebraic and graphical approaches with practical business and personal finance applications. This class motivates high school students to explore algebraic thinking patterns and functions in a financial context.

**Pre-Calculus (Semester I and II) .50 credit per semester**

This year-long course is intended for seniors who have completed Algebra II, or the equivalent, with at least a “C” and is designed to provide the college-bound student with the background necessary for Calculus. Sophomores who have completed Honors Algebra II with a “C” or less may enroll in this class as a junior instead of continuing with Honors Pre-Calculus. They would then have the option of taking AP Statistics or Financial Algebra their senior year. This course is fully aligned to the topics and rigor of the Ohio State Standards for Mathematics. This course is designed to prepare students to enter a college algebra or statistics course and provides students the opportunity to strengthen and expand their knowledge in functions, algebra, geometry, data analysis and probability. Topics of study include trigonometry, systems of equations, linear and quadratic functions, statistics, and limits.

**Honors Calculus AB (Semester I and II) .50 credit per semester**

Students should have at least a “C” in Honors Pre-Calculus to enroll in this year-long weighted course. This course is intended to provide high achievement students an opportunity to study college level mathematics without the requirement of having to take the AP Test. The material covered in this course will generally be the material covered in Calculus I at the college level. The student must assume a high level of independence and initiative to be successful in this class. This course explores the three basic concepts of Calculus: limits, derivatives and integrals. It is co-taught with AP Calculus, but students will not take the AP Exam.

**AP Calculus AB (Semester I and II) .50 credit per semester (Test Fee \$88.00, approx)**

Students should have at least a “C” in Honors Pre-Calculus to enroll in this weighted course which satisfies one full credit towards the mathematics graduation requirement. This course is intended to provide high achievement students an opportunity to study (and possibly earn credit for) college level mathematics. The material covered in this course will generally be the material covered in Calculus I at the college level. The student must assume a high level of independence and initiative to be successful in this class as it explores the three basic concepts of Calculus: limits, derivatives and integrals. At the completion of the second semester, the student is required to take the Advanced Placement Calculus Exam.

**Honors Statistics (Semester I and II) .50 credit per semester**

This year-long weighted course is intended for juniors or seniors who have completed Honors Algebra II with at least a “C” average. The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data without the requirement of having to take the AP Test. Students are exposed to the conceptual themes of exploring data, planning a study, anticipating patterns, and statistical inference. This course provides effective preparation for college studies in the humanities, business, mathematics, science and engineering. It is co-taught with AP Statistics, but students will not take the AP Exam.

**AP Statistics (Semester I and II) .50 credit per semester (Test Fee \$88.00, approx)**

This year-long weighted course is intended for juniors or seniors who have completed Honors Algebra II with at least a “C” average. The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to the conceptual themes of exploring data, planning a study, anticipating patterns, and statistical inference. This course provides effective preparation for college studies in the humanities, business, mathematics, science and engineering. Students are required to take the Advanced Placement Statistics Exam.

**Foundations in Personal Finance (Semester I and II) .50 credit per semester**

This year-long course for seniors with an Individualized Education Plan who need assistance learning how to apply math skills to real-life situations. Students will learn how to write checks, balance a checkbook, create a budget, calculate compound interest, etc. This course will count toward the 4 required math credits for graduation. Students must be recommended for this class by their Case Teacher and through their counselor.

**Functional Math (Semester I and II) .50 credit per semester**

For all grade levels, this course provides small group and individual instruction and activities to increase independence and functional life skills. This is a functional math course focusing on math skills related to time, measurement and money and other math skills needed to increase independence. This course focuses on functional math concepts that are relevant to each student's own personal needs and life experiences. Students must be recommended for this class by their teacher and through their counselor.

## MUSIC

Students must earn one (1) full credit of Fine Arts (Art or Music Dept.) as part of their graduation requirement. The courses of Drama and Theatre may also be used to fulfill the Fine Arts requirement for graduation. Our standards-based music courses may be either a basis for a lifetime work and career or for pleasure in a recreational sense. The joy and challenge of music in all of its aspects are developed by the many courses available. We encourage all students to take at least one course in some area of music appreciation or skill building. Many students benefit greatly from the togetherness and social skills learned by participating in the performing musical groups such as band, orchestra, and choir. The discipline necessary to develop the demanding skills of music performance will serve students well throughout their lives. One of the local Seals for graduation is the “Fine and Performing Arts Seal” where students may complete 3 credits to earn.

<u>Code No.</u>	<u>Course Title</u>	<u>Level</u>	<u>Length</u>	<u>Credit</u>	<u>Recommendations</u>
5511	Concert Band	9-12	Sem. I	.50	
5512	Concert Band	9-12	Sem. II	.50	5511
5531	Wind Ensemble	10-12	Sem. I	.50	Audition February
5532	Wind Ensemble	10-12	Sem. II	.50	5531
5611	Concert Orchestra	9-12	Sem. I	.50	
5612	Concert Orchestra	9-12	Sem. II	.50	5611
5631	Symphonic Orchestra	9-12	Sem. I	.50	Audition February
5632	Symphonic Orchestra	9-12	Sem. II	.50	5631
5711	Concert Choir	9-12	Sem. I	.50	
5712	Concert Choir	9-12	Sem. II	.50	5711
5731	Acapella Choir	10-12	Sem. I	.50	Audition February
5732	Acapella Choir	10-12	Sem. II	.50	5731
5751	Show Choir	10-12	Sem. I	.50	Audition February
5752	Show Choir	10-12	Sem. II	.50	5751

### CONCERT BAND, WIND ENSEMBLE SIGN UP:

All students will sign up for Concert Band the first time while in high school. Auditions for Wind will take place in February/March. If a student is accepted into the audition group, the change will be made in their request. Once they are in an audition group, they may sign up for it the following year with teacher recommendation.

### CONCERT ORCHESTRA, SYMPHONIC ORCHESTRA SIGN UP:

All students will sign up for Concert Orchestra the first time while in high school. Auditions for Symphonic Orchestra will take place in February/March. If a student is accepted into the audition group, the change will be made in their request. Once they are in an audition group, they may sign up for it the following year with teacher recommendation.

### CHOIR SIGN UP:

All students will sign up for Concert Choir the first time while in high school. Auditions for Acapella and Show Choir will take place in February/March. If a student is accepted into one of these audition groups, the change will be made in their request. Once they are in an audition group, they may sign up for it the following year with teacher recommendation.

**Concert Band (Semester I and II) .50 credit per semester**

Concert band is a year-long course open to all students who have met the requirements of eighth grade band and or approval of the band director. The concert band performs a variety of band literature throughout the year that seeks to educate students in the following areas: 1) develop and improve musical and technical skills, 2) develop and improve individual tone quality and understanding of ensemble performance, and 3) prepare students for possible admission into Wind Ensemble. The Concert Band performs at least 2-3 required evening concerts per year. Credit may be earned multiple years.

**Wind Ensemble (Semester I and II) .50 credit per semester**

This year-long course is open to students in the instrumental music program by audition. It is a very selective ensemble that performs a variety of classic, contemporary and popular band literature in at least 4 required evening concerts per year. Students who have reached a high level of mastery on their instrument and who have demonstrated a strong sense of commitment to their musical training will be considered for this ensemble. Credit may be earned multiple years.

**Concert Orchestra (Semester I and II) .50 credit per semester**

Concert Orchestra is open to all students who have met the requirements of eighth grade orchestra and or approval of the orchestra director. Literature studied and performed ranges from the classic and baroque of 18th century Europe to the modern contemporary of Western culture. Basically, a three-fold purpose dictates the selection and study of materials as follows: 1) to acquaint and familiarize the student with as many forms of orchestral composition as is reasonably possible in a year's course of study, 2) to develop, through performance, the concept of interpretation demanded by a particular form of music of a given period of composition, and 3) to develop and refine the playing techniques of the student as required by the literature performed. There will be three required concerts per year as well as required participation in OMEA contests. Credit may be earned multiple years.

**Symphonic Orchestra (Semester I and II) .50 credit per semester**

This year-long course is open to students in the instrumental music program by audition. The instrumentation of the school orchestra resembles, as closely as possible, that of the professional symphonic orchestra. This select group is expected to perform at a higher level than that of the Concert Orchestra group. There will be three required concerts per year. Credit may be earned multiple years.

**Concert Choir (Semester I and II) .50 credit per semester**

This un-auditioned entry level choir is open to all students of all grade levels. This mixed choral group performs enjoyable concert music and choral masterpieces. Students must develop disciplined behavior in order to learn the music and perform as a part of the group. A good voice, healthy attitude and willingness to work will enable students to be successful in choir. The choir group performs sacred music, as well as, popular and secular selections. There will be three required concerts per year. Credit may be earned multiple years.

**Acapella Choir (Semester I and II) .50 credit per semester**

This is a very professional performing choral group selected through audition only. It is highly selective for both musical ability and demonstrated qualities of commitment, discipline and positive attitude. Classical and popular music of the highest caliber and difficulty will be performed. The determining factor for membership, after individual ability, will be balance among the voice parts. There will be three required concerts and participation in OMEA events. Credit may be earned multiple years.

**Show Choir (Semester I and II) .50 credit per semester**

This select group is selected through audition only. This group performs for community events, as well as the regular school choral events. The music will consist of pop, vocal jazz and ballads. Students should participate in one other concert group in addition to Show Choir. Students should understand the high level of commitment and participation necessary for success. All concerts and competitions are course requirements. Credit may be earned multiple years. This course may be used as part of the PE Waiver requirement.



**SCIENCE**

Students must earn three (3) full credits of Science as part of their graduation requirement. The standards-based high school program, with its emphasis on real-world applications and hands-on activities, provides the student knowledge in many content-specific areas, as well as a good general background in a variety of scientific subjects. All science courses are inquiry-based laboratory experiences whether offered in the traditional year-long or blocked format, with honors courses geared toward college prep. The recommended core of Physical Science, Biology and Chemistry plus at least an additional upper level classes will provide a solid foundation for ALL students. Students will take the State required EOC exam in Biology upon completion of the course.

<u>Code No.</u>	<u>Course Title</u>	<u>Level</u>	<u>Length</u>	<u>Credit</u>	<u>Recommendations</u>
3111	Physical Science	9	Sem. I	.50	Required or 3131
3112	Physical Science	9	Sem. II	.50	3111
3131	Adv. Physical Science	9	Sem. I	.50	Test Score
3132	Adv. Physical Science	9	Sem. II	.50	3131
3211	Biology	10	Sem. I	.50	Required or 3231
3212	Biology	10	Sem. II	.50	3211
3231	Honors Biology	10	Sem. I	.50	Req/Test Score
3232	Honors Biology	10	Sem. II	.50	3231
3251	Intro to Robotics	10-12	Sem. I	.50	
3252	Intro to Robotics	10-12	Sem. II	.50	3251
3321	Chemistry	11-12	Sem. I	.50	2122 or 2142
3322	Chemistry	11-12	Sem. II	.50	3321
3331	Honors Chemistry	10-12	Sem. I	.50	2312
3332	Honors Chemistry	10-12	Sem. II	.50	3331
3341	Honors Chemistry II BLK	11-12	Sem. I Blk	1.0	3322 or 3332
3342	Honors Chemistry II BLK	11-12	Sem. II Blk	1.0	3341
3351	AP Chemistry Blk	11-12	Sem. I Blk	1.0	3322 or 3332
3352	AP Chemistry Blk	11-12	Sem. II Blk	1.0	3351
3358	Zoology Blk	11-12	Sem. Blk	1.0	3212 or 3238
3368	Physiology Blk	11-12	Sem. Blk	1.0	3212 or 3238
3378	Indoor/Outdoor Science Blk	11-12	Sem. Blk	1.0	3212 or 3232
3411	Physics	11-12	Sem. I	.50	2212 or 2132
3412	Physics	11-12	Sem. II	.50	3411
3431	Honors Physics Blk	11-12	Sem. I Blk	1.0	2312 or 2232
3432	Honors Physics Blk	11-12	Sem. II Blk	1.0	3431
3441	AP Physics Blk	11-12	Sem. I Blk	1.0	2312 or 2232
3442	AP Physics Blk	11-12	Sem. II Blk	1.0	3441

3481	Honors Biology II Blk	12	Sem. I Blk 1.0	3232
3482	Honors Biology II Blk	12	Sem. II Blk 1.0	3481
3491	AP Biology Blk	12	Sem. I Blk 1.0	3232
3492	AP Biology Blk	12	Sem. II Blk 1.0	3491

### **Physical Science (Semester I and II) .50 credit per semester**

This course is the foundation of ALL subsequent science classes. Physical Science introduces students to key concepts and theories that provide a foundation for further study in other sciences and advanced science disciplines. This course comprises the systematic study of the physical world as it relates to fundamental concepts about matter, energy and motion. A unified understanding of phenomena in physical, living, and space systems is the culmination of all previously learned concepts related to chemistry, physics, and space science, along with historical perspective and mathematical reasoning. This class, or advanced, is required.

### **Advanced Physical Science (Semester I and II) .50 credit per semester**

While this accelerated course is structured to the Physical Science curriculum, students taking this course should expect an extensive and rigorous experience. The future plans of students should include a four-year degree and beyond. This course is designed for the student who is enrolled in Advanced Geometry and attained the required test score with their Science teacher's recommendation. Students enrolling in Algebra I and attained the required test score may also enroll with their Science teacher's recommendation. They should also have aspirations to take additional honors science classes in the future. In addition, students will be expected to:

1. Complete reading assignments outside of class including scientific research articles
2. Complete research projects outside of class
3. Take personal responsibility for mastery of material through independent reading and study

### **Biology (Semester I and II) .50 credit per semester**

This course emphasizes the concepts, principles and theories that enable people to understand living organisms. Students study life science concepts such as cells and their structure and function, the genetic and molecular bases of inheritance, biological evolution, and the diversity of life including the kingdoms of living organisms. The flow of energy and the cycling of matter through biological and ecological systems are also addressed. Embedded throughout the course are the basic science processes of inquiry, modeling investigations and the nature of science. Students learn to trace the historical development of scientific theories, ideas, and ethical guidelines in science, the interdependence of science and technology, and the study of emerging issues to become scientifically literate citizens. Students will take the state required EOC exam with the completion of this course.

### **Honors Biology (Semester I and II) .50 credit per semester**

Students must be recommended by their Physical Science teacher with a grade of "A or solid B" or have earned at least a "C" in Honors Physical Science with their teacher recommendation and attained the required test score to enroll in this class. Following the objectives of the Biology course, Honors Biology students will also be expected to:

1. Complete reading assignments outside of class including scientific research articles
  2. Complete research projects outside of class
  3. Employ rigorous mathematical analyses of experimental data
  4. Take personal responsibility for mastery of material through independent reading and study
- Students will take the state required End of Course exam with the completion of this course.

### **Introduction to Robotics (Semester I and II) .50 credit per semester**

During this electronics and computer programming course, students will spend the year learning the popular Python coding language and how to use a breadboard with a Raspberry Pi computer to build electronic circuits. Toward the end of the 2<sup>nd</sup> semester, students will use the skills learned through the year to build a 4-wheel mobile robot. Other projects also include making games, designing a website, making machines respond to music and light, and many more. No previous computer programming experience is needed. Since this is a hands-on, project-based course, attendance is essential - most work cannot be made up outside the classroom. To

preview this course, visit [www.42electronics.com](http://www.42electronics.com) Students must be at least a sophomore, have earned at least a "B" in Algebra I and have completed or be enrolled in Geometry to enroll.

### **Chemistry (Semester I and II) .50 credit per semester**

Chemistry is an introductory year-long course designed to develop an understanding of the interactions of matter. An intense focus on atoms and molecules will guide the student to understand how matter interacts and behaves in our physical world. Students who enroll in Chemistry should have a strong work ethic and a strong background in mathematics and must have completed algebra I with at least a "C". Chemistry is extremely beneficial to those students who wish to pursue higher education in the sciences or medical field, including nursing. Students may move into AP Chemistry after earning at least a solid "C" in this course. Students are not permitted to enroll in Honors Chemistry after this course.

### **Honors Chemistry (Semester I and II) .50 credit per semester**

This year-long weighted course is for the advanced science student. This course is designed to offer a rigorous and challenging course that covers the chemistry and chemical principles typical of college and university general chemistry courses. Special emphasis is placed on experimentation and problem solving. Students should have completed Algebra II with at least a "C", or concurrently enrolled in Honors Algebra II. This is also the entry level pre-requisite to AP Chemistry.

### **Honors Chemistry II Blk (Semester I and II) 1.0 credit per semester**

This year-long blocked course is for the most advanced science student. This course will be taught concurrently with AP Chemistry and is designed to offer a rigorous and challenging course that covers the chemistry and chemical principles typical of college and university general chemistry courses. Special emphasis is placed on experimentation and problem solving. Students should have completed Chemistry or Honors Chemistry with at least a "C". Students will not take the AP Chemistry Exam.

### **AP Chemistry Blk (Semester I and II) 1.0 credit per semester (Test Fee \$88.00, approx)**

This year-long blocked course is for the most advanced science student. This class offers a rigorous and challenging curriculum that covers the chemistry and chemical principles typical of college and university general chemistry courses. Special emphasis is placed on experimentation and problem solving. Students must have completed Chemistry or Honors Chemistry with at least a "C" and are required to take the AP Chemistry Exam.

### **Zoology Blk (Semester) 1.0 credit**

Zoology is the study of the basic principles of biology applied to all types of animal life. Emphasis will be on evolutionary and ecological relationships between and within animal phyla, classification of animal life and comparative studies of different animals, with special emphasis on animal relationships to human societies. Approximately two days per week will be used for laboratory study that includes dissection of representative species. The course is offered in a semester blocked format, and does not count toward the Honors Diploma.

### **Physiology Blk (Semester) 1.0 credit**

This course is a study of the human body designed to help students who desire to become nurses, doctors, laboratory technicians, physical therapists, occupational therapists, or biological science majors. The course stresses the structure and function of the body system, including the following systems: Integumentary, Muscular, Reproductive, Lymphatic, Digestive, Skeletal, Cardiovascular, Respiratory, Endocrine, Exocrine, and Nervous. This course is also helpful with the general understanding of the human body. Laboratory experiments will illustrate the fundamental principles with the dissection of the rabbit. This course is offered in a semester blocked format with a prerequisite of Biology.

### **Indoor/Outdoor Science Blk (Semester) 1.0 credit**

This semester blocked class will take advantage of the 2 period format in order to be able to explore various places in and around Middletown. This course will be based on challenge-based learning where students will be given real world problems in science that fit within next generation science standards. Students will have the opportunity to collaborate with many local businesses and community organizations while reviewing and building on the information learned in their previous Biology course. Students will use this inquiry-based course to study

the many topics being taught and discovered through laboratory practices, use of the greenhouse, and other outdoor learning lab spaces. This course does not count toward the Honors Diploma.

**Physics (Semester I and II) .50 credit per semester**

Physics is the study of energy and motion. This course is of great value to those students who expect to enter college or take jobs, which require knowledge of science and mathematics. It incorporates the study of mechanics, force and motion, work and power, machines, sound, light, and electricity. Students should have earned at least a “C” in Geometry and have completed or be enrolled in Algebra II when taking this course.

**Honors Physics Blk (Semester I and II) 1.0 credit per semester**

This is a year-long weighted blocked class for students interested in a science field such as engineering in college. This course will be taught concurrently with AP Physics. The work is rigorous and includes the study of motion, electricity, circuits, electromagnetism, waves, optics, and energy. Students should have earned grades of at least a “C” in Algebra II. Students will not take the AP Physics Exam.

**AP Physics Blk (Semester I and II) 1.0 credit per semester (Test Fee \$88.00, approx)**

This is a year-long weighted blocked class for students interested in a science field such as engineering in college. The work is rigorous and includes the study of motion, electricity, circuits, electromagnetism, waves, optics, and energy. Students must expect to do Advanced Placement quality work. It is recommended that students should have earned grades of at least a “C” in Algebra II. AP Physics is designed to prepare students for the AP Physics Exam which they are required to take.

**Honors Biology II Blk (Semester I and II) 1.0 credit per semester**

This is a second year biology course combines with research for students seeking the opportunity to gain college level biology knowledge and skills. This course will be taught concurrently with AP Biology and is divided into three broad areas of biology: the molecular and cellular, the organism, and the population. Students will cover in-depth treatment of biological concepts and processes related to college biology guidelines. Text, materials and expectations will be at the college level. Grades of at least a “C” in Honors Biology and Chemistry are recommended. The course is offered in a year-long blocked format where students have the opportunity to earn a total of two high school credits. Students will not take the Advanced Placement Exam.

**AP Biology Blk (Semester I and II) 1.0 credit per semester (Test Fee \$88.00, approx)**

This is a second year, weighted biology course combined with research for students seeking the opportunity to gain college level biology knowledge and skills. AP Biology is divided into three broad areas of biology: the molecular and cellular, the organism, and the population. Students will cover in-depth treatment of biological concepts and processes related to college biology guidelines. Students should have earned grades of at least a “C” in Honors Biology and Chemistry and are expected to do Advanced Placement quality work and are required to take the AP Biology Exam. The course is offered in a year-long blocked format where students have the opportunity to earn a total of two high school credits.

**Functional Physical Science (Semester I and II) .50 credit per semester**

This course provides small group and individual instruction and activities to increase independence and functional life skills. This course focuses on functional science concepts that are relevant to each student’s own personal needs and life experiences. Students must be recommended for this class by their case teacher and through their counselor.

**Functional Biology (Semester I and II) .50 credit per semester**

This course provides small group and individual instruction and activities to increase independence and functional life skills. This course focuses on functional science concepts that are relevant to each student’s own personal needs and life experiences. Students must be recommended for this class by their case teacher and through their counselor.

### SOCIAL STUDIES

Students must earn three (3) full credits of Social Studies, to include one .5 credit of World Studies, (1) full credit of American History and .5 credit of American Government, as part of their high school graduation requirement. Social studies courses offer students a means of understanding and appreciating themselves and their culture. A well-educated person needs to know and appreciate our heritage and political institutions. Good citizenship is based on understanding the past and present in both our community and the world. Courses offered are standards-based. Students will take the State required EOC exams in both American Government and American History upon completion of those courses. Beginning with the class of 2026, a required Financial Literacy class will be added to be taken during the junior year.

<u>Code No.</u>	<u>Course Title</u>	<u>Level</u>	<u>Length</u>	<u>Credit</u>	<u>Recommendations</u>
4111	World Studies	9	Sem. I	.50	Required or 4131
4112	World Studies	9	Sem. II	.50	
4131	Adv. World Studies	9	Sem. I	.50	Req/Test Score 4131
4132	Adv. World Studies	9	Sem. II	.50	
4211	American History	10	Sem. I	.50	Required or 4231 or 4251
4212	American History	10	Sem. II	.50	
4231	Honors Am. History	10	Sem. I	.50	Req/Test Score 4231
4232	Honors Am. History	10	Sem. II	.50	
4251	AP American History	10	Sem. I	.50	Req/Test Score 4251
4252	AP American History	10	Sem. II	.50	
4311	American Government	11	Sem. I	.50	Required or 4331 or 4351
4312	American Government	11	Sem. II	.50	
4331	Honors Am. Government	11	Sem. I	.50	Req/Test Score 4331
4332	Honors Am. Government	11	Sem. II	.50	
4351	AP American Government	11	Sem. I	.50	Req/Test Score 4351
4352	AP American Government	11	Sem. II	.50	
4410	Economics	12	Sem.	.50	Required or 8540 or 6118
4420	Psychology	12	Sem.	.50	
4430	Conspiracy Theory	12	Sem.	.50	
4440	Social Justice	12	Sem.	.50	
4451	AP European History	12	Sem. I	.50	4451
4452	AP European History	12	Sem. II	.50	

**World Studies (Semester I and II) .50 credit per semester**

This course, or Advanced World Studies, is required for 9th graders with .5 credit being required for graduation. It is a continuation of the chronological study of world history from 1750 to the present. This study incorporates each of the seven content standards. As students study historic eras, they consider the influence of geographic settings, cultural perspectives, economic systems and various forms of government. Students gain a deeper understanding of the role of citizens and continue to develop their research skills.

**Advanced World Studies (Semester I and II) .50 credit per semester**

While this advanced course addresses the same topics and standards as the World Studies course, special emphasis is placed on critical thinking skills, essay writing, and historical literature. Students will engage subject matter in more detail while progressing at a faster pace. Students must have attained the required test score and have expectations of taking Honors or AP American History their sophomore year. This course often aligns with students taking Advanced English.

**American History (Semester I and II) .50 credit per semester**

This course will examine the major historical events in American history from 1865 to the present and how they impacted the political, cultural, economic and social development of the republic. Attention will be paid to America's interaction with governments and people of the world, and the impact world events have on the American way of life. This, Honors American History, or AP American History is required for sophomores with a full credit required for graduation. Students will take the state required EOC exam with the completion of this course.

**Honors American History (Semester I and II) .50 credit per semester**

While Honors American History addresses the same topics and standards as the American History course, special emphasis is placed on critical thinking skills, essay writing, and historical literature. This course is also weighted. Students will engage subject matter in more detail while progressing at a faster pace. Students must secure teacher recommendation from their World Studies teacher to enroll and must have attained the required test score. Students are not required to take the AP American History Exam. This, American History, or AP American History is required for sophomores with a full credit required for graduation. Students will take the state required EOC exam with the completion of this course.

**AP American History (Semester I and II) .50 credit per semester (Test Fee \$88.00, approx)**

This weighted year-long course is the nationally recognized Advanced Placement class that uses the rigorous national curriculum of the College Board and students must have attained the required test score to enroll. This course offers a survey of American history from the age of exploration and discovery to the present. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents and historical literature and film. Students are required to take the AP American History Exam. This, American History, or Honors American History is required for sophomores with a full credit required for graduation. Students will take the state required EOC exam with the completion of this course.

**American Government (Semester I and II) .50 credit per semester**

American government is a study of nature and functions of the national, state, and local governments of the U.S. With the federal constitution as the basis, the various units of government are surveyed, followed with a consideration of the present organization and functions. The course covers the legislative, executive, and judicial branches plus additional units on problems of present-day governments and the responsibilities, duties, and rights of citizens. The history, functions, and organization of political parties are studied in their respective influence in government. This course, Honors, or AP Government is required for graduation. Students will take the state required EOC exam with the completion of this course.

**Honors American Government (Semester I and II) .50 credit per semester**

This year-long course is a capstone experience for the competitively college bound student at Middletown High School. It follows the vigorous national curriculum of the College Board providing an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. It is recommended that students earn at least a “C” in Honors American History in order to enroll in this course and must have attained the required test score. Students are not required to take the Advanced Placement Exam. This course, American Government or AP Government is required for graduation. Students will take the state required EOC exam with the completion of this course.

**AP American Government (Semester I and II) .50 credit per semester (Test Fee \$88.00, approx)**

This year-long course is a capstone experience for the competitively college bound student at Middletown High School. It follows the vigorous national curriculum of the College Board providing an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. It is recommended that students earn at least a “C” in AP American History in order to enroll in this course and must have attained the required test score. This course, American Government or Honors Government is required for graduation. Students are required to take the Advanced Placement Exam. Students will take the state required EOC exam with the completion of this course.

**Economics (Semester) .50 credit**

Economics is designed to introduce students to the foundations of basic economic thought. Students will analyze different economic systems with emphasis placed on the pillars of the Free Enterprise System and study the difference between microeconomic and macroeconomic principles. In addition, the course is designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students can expect to use technology in many facets and interact with community business guest speakers. This course also meets the one-half economics/finance requirement for graduation and is required to be taken during the student’s senior year if they have not completed this requirement with another course.

**Psychology (Semester) .50 credit**

Psychology is a course designed to help students understand their own behavior and how it relates to and affects the behavior of others. It serves as an introduction to college psychology courses. The areas of study include the traditional principles of learning and thought, mental health, personality theories and dealing with stress and conflict, as well as understanding the transition from childhood to adolescence and adulthood.

**Conspiracy Theory (Semester) .50 credit**

This semester course examines conspiracy theory of the unknown. Students will study the application of critical thinking, project based learning and historical skills. Students will also study about the past and why these myths, misconceptions and manipulations of the facts have been used to influence human culture. An important focus of this course will be the methods and evidence used by scholars and how to interpret the facts about the past. Students will have to use critical thinking clues, interpret ideas and use their analytical skills to debunk and disprove inaccurate information. This course will help students become self-reflecting individuals who think about their views on life, history and ancient culture.

**Social Justice (Semester) .50 credit**

This course focuses on five common prejudices and power imbalances in American society: Sexism, Heterosexism, Racism, Classism, and Religious Oppression. The goals of this course are three-fold: 1) to increase your awareness of the unequal power (political, social, and economic powers) held by different social groups in America; 2) to expand your knowledge of the different viewpoints and controversies surrounding each prejudice; and 3) to encourage and require you take action in accordance with your personal beliefs. This course requires students to voice their opinions and listen to others' views on controversial issues, complete difficult reading and writing assignments, and also create a multimedia presentation to convey understanding of the concepts learned. Students must have earned credit in American Government.

**AP European History (Semester I and II) .50 credit per semester (Test Fee \$88.00 approx)**

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principle themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. Students are required to take the Advanced Placement Exam.

**Functional World Studies (Semester I and II) .50 credit per semester**

This course provides small group and individual instruction and activities to increase independence and functional life skills. This functional social studies class focuses on skills needed to become more independent in the school, in the community and in the work place. This course focuses on functional social studies concepts that are relevant to each student's own personal needs and life experiences. Students must be recommended for this class by their case teacher and through their counselor.

**Functional American History (Semester I and II) .50 credit per semester**

This course provides small group and individual instruction and activities to increase independence and functional life skills. This functional American History class focuses on historic events from 1865 to present, (see page 52 for a course description). Student must be recommended for this class by their case teacher and through their counselor.

**Functional American Government (Semester I and II) .50 credit per semester**

This course provides small group and individual instruction and activities to increase independence and functional life skills. This functional American Government class focuses on our federal present-day government, (see page 52 for a course description). Student must be recommended for this class by their case teacher and through their counselor.



### OTHER COURSES

Drama and Theatre are semester courses that can be used to fulfill the Fine Arts requirement for graduation, while the other courses are elective credits which may be used to meet the total credits required for graduation.

<u>Code No.</u>	<u>Course Title</u>	<u>Level</u>	<u>Length</u>	<u>Credit</u>	<u>Recommendations</u>
1120	Drama	9-12	Sem.	.50	
1140	Theatre	9-12	Sem.	.50	
1221	Yearbook	10-12	Sem. I	.50	Application
1222	Yearbook	10-12	Sem. II	.50	1221
1241	<b>Hope Squad</b>	10-12	Sem. I	.50	Application
1242	<b>Hope Squad</b>	10-12	Sem. II	.50	1241
1420	African American Lit	11-12	Sem.	.50	
6460	<b>Esports</b>	11-12	Sem.	.50	Application
6470	MUM Gaming	11-12	Sem. 2	1.0	CCP approval
6211	<b>Cybersecurity I</b>	10-12	Sem. I	.50	
6212	<b>Cybersecurity I</b>	10-12	Sem. II	.50	6511

#### Drama (Semester) .50 credit

The drama course includes the study of acting, appreciation of drama, improvisation, and actual laboratory work in all of the areas where participation is a must. Voice, pantomime, and acting techniques are studied and practiced in class. Appreciation of drama includes study of the history of the theater and the reading of many plays. This is an elective class that is not a substitute for an English requirement, but can be used to count toward the fine arts graduation requirement. Enrollment is limited with students being admitted on seniority basis, but may take multiple times if space available.

#### Theatre (Semester) .50 credit

This semester class allows students to explore the origins and evolution of theatre and drama. Various activities and projects give students a broad range of creative challenges. This is an elective class that is not a substitute for an English requirement, but can be used to count toward the fine arts graduation requirement. Students are enrolled on a seniority basis, but may take multiple times if space available.

#### Yearbook (Semester I and II) .50 credit per semester

This course is designed to teach the basics of yearbook journalism, including theme, coverage, copy writing, graphic design, photography, finance, advertising and emerging technologies. Students will design and produce an affordable school yearbook within a budget. Students will learn the importance of working as a team to complete tasks successfully and on time. Students interested in Yearbook will be required to go through an application process to gain entry into the course, and must have earned at least a "C" grade in English.

#### Hope Squad (Semester I and Semester II) .50 credit per semester

This course is designed to support all nominated Hope Squad peer leaders in changing the stigma around mental health. Hope Squad is designed to improve access and availability to appropriate prevention services for youth who are at risk for suicide. The course will help Hope Squad members identify signs and risk factors of suicide with the goal of providing kindness, encouragement and support for all student in the school.

### **African American Literature & Pop Culture (Semester) .50 credit**

This semester course is an introduction to some of the great works of African American literature with a twist of present day Pop Culture and how the media portrays all of it through English Language Arts. The course will examine the formal and rhetorical strategies that figure most prominently in this literary tradition and how our present day influences the overall culture today. Students will investigate the historical circumstances (including slavery, Reconstruction, the Great Migration, and Jim Crow) that have shaped, and been shaped by, this body of literature. Topics to be addressed in this course include present day music artists, past poets, pop culture, and YOU the student.

### **Esports (Semester 1) .50 credit**

This course is an overview of esports and will introduce learners to the roles and influences that game developers have in the industry. Students get a glimpse into the structures of an organization and how it builds a brand. Students will also be introduced into esports job roles available within various career pathways and where to get started in order to be involved.

### **MUM Gaming (Semester 2) 1.0 credit**

This semester course is offered through Miami University as an introduction to key historical and contemporary research in game studies and theories of play, with particular attention paid to the digital video game. The course surveys current debates and issues in the field of game studies, introduces various methods for interpreting games, and cultivates a deeper understanding of the importance of games and play in contemporary social, political, and cultural contexts. Students will learn the core principles of game design, will create games (non-digital) and will learn to iterate and play-test. No previous game design training is required. Students must submit a CCP application for approval to enroll in this course.

### **Cybersecurity I (Semester I and II) .50 credit per semester**

This is the first course in the Middletown Cyber Pathway. No prior knowledge of Cybersecurity or computer science is necessary, just a basic understanding of computers and computer systems. However, students should come with a passion for technology, problem solving, critical thinking, and learning. Students will learn about Networks, Systems Security, Cryptography, Information Security, Risk Identification, and much more. Students are expected to complete online learning modules as independent work and will participate in simulations and authentic, cyber security applications during class. Students are also expected to complete, as part of this course, related cybersecurity certifications: A+, Network+, Microsoft Security Fundamentals, and Security+. We are planning to offer additional courses the following years.

### **Functional Life Skills (Semester I and II) .50 credit per semester**

This course provides small group and individual instruction and activities to increase independence and functional life skills. This year long course will cover nutrition, budget and spending money, home management, improving relationships, family clothing care and child care. A technology piece will also be included so this course will also meet the one-half technology requirement for graduation. Students must be recommended for this class by their case teacher and through their counselor. Credit may be earned multiple years.

### **Functional Career Skills (Semester I and II) .50 credit per semester**

This course provides small group and individual instruction and activities to increase independence and functional life skills. This course will provide an introduction to assess values and resources that support lifestyle goals, effective time management plans, stress management, and multicultural awareness that sustains a productive, meaningful lifestyle. Goal setting, planning and time management skills will be applied in reference to family and workplace. Students develop strategies for lifelong learning. This course also meets the one-half economics/ financial literacy requirement for graduation. Students must be recommended for this class by their case teacher and through their counselor. Credit may be earned multiple years.

**Study Skills (Semester I and II) .50 credit per semester**

This course will focus on meeting the academic needs of the student with specialized instruction and goal monitoring as the primary focus. Additional activities will include the development of study skills, post-graduation transition planning and preparation for standardized tests. Credit is issued on a Satisfactory/Unsatisfactory (S/U) basis each time the course is taken and credit may be earned multiple times in high school. Students must be recommended for this class by their case teacher and through their counselor.

**Work Study (Semester I and II) credit to be determined**

This work experience, which takes place outside of the school setting, may occur during the school day or outside the school day. Students must meet individual criteria set up by the Work Study Coordinator and the employer. The amount of credit will be based on the amount of time spent on the job. Credit is issued on a Satisfactory/Unsatisfactory (S/U) basis. Credit may be earned multiple years. All Work Study is scheduled through the Work Study Coordinator.

**TRANSITIONS PROGRAM**

The Middletown High School Transition classroom focusses on the teaching skills needed for competitive employment and independent living. Students participate in a modified curriculum that works on extended standards through essential life skills. This curriculum includes community-based experiences intended to support a successful transition into the world of work and more independent living. This program has a criteria-based entrance rubric completed on a yearly basis by the IEP team.

## 9<sup>th</sup> Grade Scheduling Samples

Per.	Semester 1	Semester 2
1	Physical Education	Adv Career Fields & Pathways
2	Block	Health
3	Adv English	Adv English
4	Adv Geometry	Adv Geometry
5	Adv Physical Science	Adv Physical Science
6	Adv World Studies	Adv World Studies
7	Fine Arts	Fine Arts
8	World Language	World Language

Total of 16 Semester with 1 Block, 2 semester classes

Per.	Semester 1	Semester 2
1	Physical Education	Physical Education
2	PLTW-IED	PLTW-IED
3	English	English
4	Business Foundations	Business Foundations
5	Adv Physical Science	Adv Physical Science
6	World Studies	World Studies
7	Algebra I	Algebra I
8	Career Fields & Pathways	Health

Total 16 Semesters thus no Study Hall

Per.	Semester 1	Semester 2
1	Physical Education	Career Fields & Pathways
2	Block	Study Hall
3	English	English
4	Choir	Choir
5	Physical Science	Physical Science
6	World Studies	World Studies
7	Algebra I	Algebra I
8	Intro to Algebra I	Intro to Algebra I

Total 15 Semesters with PE Block, and thus ½ year SH

Per.	Semester 1	Semester 2
1	Career Fields & Pathways	Health
2	Physical Science	Physical Science
3	Algebra I	Algebra I
4	Intro to Algebra I	Intro to Algebra I
5	World Studies	World Studies
6	Study Hall	Study Hall
7	English I	English I
8	Art I	Art I

Total 14 Semesters with no PE since PE Waiver will be turned in, thus full year SH

## 10<sup>th</sup> Grade Scheduling Samples

Per.	Semester 1	Semester 2
1	<b>Business Foundations</b>	<b>Health</b>
2	<b>Block</b>	<b>Drama</b>
3	<b>English II</b>	<b>English II</b>
4	<b>World Language</b>	<b>World Language</b>
5	<b>Biology</b>	<b>Biology</b>
6	<b>American History</b>	<b>American History</b>
7	<b>Math</b>	<b>Math</b>
8	<b>Band</b>	<b>Band</b>

Total of 16 Semesters with 1 Block, 2 semester classes

Per.	Semester 1	Semester 2
1	<b>Business Foundations</b>	<b>PE</b>
2	<b>Block</b>	<b>Block</b>
3	<b>English</b>	<b>English</b>
4	<b>Math</b>	<b>Math</b>
5	<b>Biology</b>	<b>Biology</b>
6	<b>American History</b>	<b>American History</b>
7	<b>Health</b>	<b>Digital Art</b>
8	<b>Study Hall</b>	<b>Study Hall</b>

Total 14 Semesters with 2 Blocks, thus full year SH

Per.	Semester 1	Semester 2
1	<b>PE</b>	<b>Health</b>
2	<b>Block</b>	<b>Study Hall</b>
3	<b>English II</b>	<b>English II</b>
4	<b>Math</b>	<b>Math</b>
5	<b>American History</b>	<b>American History</b>
6	<b>Fine Arts /Music</b>	<b>Fine Arts /Music</b>
7	<b>World Language</b>	<b>World Language</b>
8	<b>Biology</b>	<b>Biology</b>

Total 15 Semesters with 1 Block, various electives, thus ½ year SH

Per.	Semester 1	Semester 2
1	<b>English II</b>	<b>English II</b>
2	<b>Medical Terminology</b>	<b>Medical Terminology</b>
3	<b>Math</b>	<b>Math</b>
4	<b>Biology</b>	<b>Biology</b>
5	<b>American History</b>	<b>American History</b>
6	<b>Health</b>	<b>Personal Wellness</b>
7	<b>Fine Arts /Music</b>	<b>Fine Arts /Music</b>
8	<b>Credit Recovery</b>	<b>Study Hall</b>

Total 15 Semesters with no block, ½ year credit recovery, thus ½ year SH

## 11<sup>th</sup> Grade Scheduling Samples

Per.	Semester 1	Semester 2
1	Physiology	African American Lit
2	Block	Career&Coll Readiness
3	English	English
4	Math	Math
5	American Government	American Government
6	World Language	World Language
7	Fine Arts/ Music	Fine Arts / Music
8	Study Hall	Study Hall

Total of 14 Semesters with 1 Block, thus full year SH

Per.	Semester 1	Semester 2
1	PLTW-CEA	Sports Marketing
2	Block	Block
3	English	English
4	Math	Math
5	American Government	American Government
6	Chemistry	Chemistry
7	Career&Coll Readiness	Digital Art
8	Credit Recovery	Study Hall

Total 15 Semesters with 2 Blocks, thus ½ year SH

Per.	Semester 1	Semester 2
1	English	English
2	Math	Math
3	Exercise Psychology	Fitness & Evaluation
4	Block	Block
5	AP American Government	AP American Government
6	Career&Coll Readiness	Study Hall
7	AP Chemistry	AP Chemistry
8	All Year Block	All Year Block

Total 15 Semesters with all year Block, 2 semester Blocks, thus ½ year SH

Per.	Semester 1	Semester 2
1	Zoology	Career&Coll Readiness
2	Block	PEOPEL
3	English	English
4	Math	Math
5	American Government	American Government
6	Office Aide	Office Aide
7	Ceramics	Drawing
8	Block	Block

Total 16 Semesters with 3 Blocks, and No SH due to being an Aide all year

## 12<sup>th</sup> Grade Scheduling Samples

Per.	Semester 1	Semester 2	Per.	Semester 1	Semester 2
1	Science	Economics	1	English	English
2	Block	Social Justice	2	Math	Math
3	English	English	3	Career Internship	Economics
4	Math	Math	4	Block	Psychology
5	African Lit	Drama	5	Credit Recovery	Study Hall
6	World Lang	World Lang	6	Fine Arts /Music	Fine Arts /Music
7	Fine Arts /Music	FineArts /Music	7	AP Physics	AP Physics
8	Study Hall	Study Hall	8	All Year Block	All Year Block

Total of 14 Semesters with 1 Block, full year SH

Total 15 Semesters with 1 Block, 1 All Year Block, Credit Recovery for ½ year and thus ½ year SH

Per.	Semester 1	Semester 2	Per.	Semester 1	Semester 2
1	English	English	1	AP Chemistry	AP Chemistry
2	Math	Math	2	All Year Block	All Year Block
3	Career Internship	Economics	3	English	English
4	Block	Social Justice	4	Math	Math
5	Psychology	Study Hall	5	AP European History	AP European History
6	Fine Arts /Music	Fine Arts /Music	6	World Language	World Language
7	Logistics	Art II	7	Fine Arts /Music	Fine Arts /Music
8	Block	Block	8	Office Aide	Office Aide

Total 15 Semesters with 3 Blocks, having Fine Arts and thus ½ year SH

Total 16 Semesters with full year Block, full year Aide and thus No SH

## Scheduling Worksheet

*Remember: You are selecting courses, NOT the specific periods.  
Schedule may contain up to 1 (one) Study Hall per semester*

<b>1</b>		
<b>2</b>		
<b>3</b>		
<b>4</b>		
<b>5</b>		
<b>6</b>		
<b>7</b>		
<b>8</b>		

### Second schedule using your alternative course selection(s)

<b>1</b>		
<b>2</b>		
<b>3</b>		
<b>4</b>		
<b>5</b>		
<b>6</b>		
<b>7</b>		
<b>8</b>		



