

*Updated 9/19/19 SB*

**2019-2020**



***Trotwood-Madison  
High School/Middle  
School***

**Course Description Catalog**

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## *Welcome to Trotwood-Madison High School*

This guide has been developed to help you determine the best options in reaching your goals. As you select and plan your high school career, pay close attention to graduation requirements as well as courses that most closely align with your career and personal interests. In addition to core courses, the school offers a wide variety of rich electives. These electives are open to all students, dependent upon any specific course prerequisites or what your individual schedule will accommodate.

Read the guide thoroughly with your parents, where possible options exist in the sequence, create a schedule best suited for your interests and needs. Bring your handbook with you, and remember to have back-up choices when you come to schedule! Counselors, teachers, and administrators are available to answer all your questions and guide you.

### *Belief Statements*

We believe that learning is a lifelong process.

We believe that an education is earned not given.

We believe that every student has a right to learn in a safe and structured environment.

*Our Mission is 100% Student Success.*

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# SCHOOL POLICIES

Several of the more important school policies relating to students have been listed in this book. Anyone wishing more information about these or other school policies will receive assistance by calling the Trotwood-Madison City Schools Administrative Office (854-3050).

## ***Non-Discrimination***

The Trotwood-Madison Board of Education will not permit discriminatory practices. To assure compliance with this policy the Board will:

1. promote the rights and responsibilities of individuals as set forth in the state and federal Constitutions, pertinent legislation, and applicable judicial interpretations;
2. encourage positive experiences for children, youth, and adults;
3. work toward a more integrated society and enlist the support of individuals, as well as private and governmental groups and agencies, in such an effort;
4. use communication and action techniques to air and reduce the grievances of individuals and groups;
5. consider the potential benefits or adverse consequences that the Board's decisions might have on the human relations aspects of the school community; and
6. initiate a process of reviewing policies and practices of this school system in order to help achieve the objectives of this statement.

The Board's policy of non-discrimination will extend to students, staff, job applicants, the general public, and individuals with whom it does business and will apply to race, national origin, citizenship status, religion, sex, economic status, age, handicap, and other human differences.

## ***Title IX- Non-Discrimination on the Basis of Sex***

The United States Department of Education has published regulations for implementing Title IX of the Education Amendments of 1972, which prohibits sex discrimination in federally assisted educational programs.

Title IX states, in part, that "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity receiving federal financial assistance."

The Trotwood-Madison Board of Education hereby states its intention to ensure compliance with Title IX of the Education Amendments of 1972, as affected by Title VI of the Civil Rights Act of 1964 and the regulations promulgated through the U.S. Department of Education.

***Assurance of Compliance with the Department of Health,  
Education, and Welfare Regulation under Title VI of the Civil  
Right Act of 1964***

TROTWOOD-MADISON CITY SCHOOL DISTRICT

HEREBY AGREES THAT it will comply with Title VI of the Civil Rights Act of 1964 (P.L. 88-352) and all requirements imposed by or pursuant to the Regulation of the Department of Health, Education, and Welfare (45 CFR Part 80) issued pursuant to that Title, to the end that, in accordance with Title VI of that Act and the Regulation, no person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Applicant receives federal financial assistance from the Department; and

HEREBY GIVES ASSURANCE THAT it will immediately take any measures necessary to effectuate this agreement.

If any real property or structure thereon is provided or improved with the aid of federal financial assistance extended to the Trotwood-Madison City Schools by the Department, this assurance shall obligate the Trotwood-Madison City Schools, or in the case of any transfer of such property, any transferee, for the period during which the real property or structure is used for a purpose for which the federal financial assistance is extended or for another purpose involving the provision of similar services or benefits. If any personal property is so provided, this assurance shall obligate the Trotwood-Madison City Schools for the period during which it retains ownership or possession of the property. In all other cases, this assurance shall obligate the Trotwood-Madison City Schools for the period during which the federal financial assistance is extended to it by the Department.

THIS ASSURANCE is given in consideration of and for the purpose of obtaining any and all federal grants, loans, contract, property, discounts or other federal financial assistance extended after the date hereof to the Trotwood-Madison City Schools by the Department, including installment payments after such date on account of applications for federal financial assistance which were approved before such date. The Trotwood-Madison City Schools recognizes and agrees that such federal financial assistance will be extended in reliance on the representations and agreements made in this assurance, and assurance. This assurance is binding on the Trotwood-Madison City Schools, its successors, transferees, and assignees, and the person or persons whose signatures appear below are authorized to sign this assurance on behalf of the Trotwood-Madison City Schools.

***Student Records***

In order to provide students with appropriate instruction and educational services, it is necessary for the Trotwood-Madison City School District to maintain extensive educational and personal information. It is essential that pertinent information in these

records be readily available to appropriate school personnel, be accessible to the student's parent(s) or legal guardian(s) or the student, in accordance with law, and yet be guarded as confidential information.

The Superintendent is responsible for the proper administration of student records in keeping with Ohio law, federal requirements, and the procedures for the collection of necessary information about individual students throughout the District.

Upon request, all records and files included in the student's cumulative folder will be available at the school to parents(s), guardian(s), or the student if over 18 years of age. This request must be in writing and will normally be granted within seven calendar days but not to exceed 45 days. A principal, teacher, or other qualified school personnel must be present during the inspection and review of the records to explain any of the tests or other material. The records being inspected shall never be allowed to leave the school facilities.

All rights and protections given to parents, under law and this policy, transfer to the student when he/she reaches age 18 or enrolls in a post-secondary school. The student then becomes an "eligible student."

The School District will provide notice to parent(s)/guardian(s) and eligible students annually, in accordance with the procedures set forth under administrative regulations, of the following rights held by parents(s) and eligible students under law and this policy:

1. The right to inspect and review the student's educational records.
2. The intent of the School District to limit the disclosure of information contained in the student's educational records except:
  - a. by prior written consent,
  - b. as directory information, and
  - c. under other limited circumstances, as enumerated under administrative regulations.
3. The right, in accordance with administrative regulations, to seek to correct parts of the student's educational record, including the right to a hearing if the District decides not to alter the record according to the parent or eligible student's request.
4. The right of any person to file a complaint with the U.S. Department of Education if the School District violates relevant federal law, specifically the Federal Educational Rights and Privacy Act (FERPA).

5. The right to place in a student's educational record an explanatory statement which states the reasons why he/she disagrees with the School District's decision, and/or the reasons he/she believes the record is incorrect.
6. The procedure which the parent(s)/guardian(s) or eligible student should follow to obtain copies of this policy, the locations from which these copies may be obtained, as well as any fees to be charged for copies.

The School District proposes to designate the following personally identifiable information contained in a student's educational record as "directory information," and it will disclose that information without prior written consent, except where the request is for a profit-making plan or activity.

1. Student's name
2. Names of the student's parent(s)
3. Student's address and telephone number
4. Student's date and place of birth
5. Student's dates of attendance
6. Student's school class designation and major field of study
7. Student's extracurricular participation
8. Student's achievement awards or honors including graduation date
9. Student's weight and height, if a member of an athletic team
10. Student's photograph
11. The school or School District the student attended before enrolled in this School District.

Administrative regulations will set forth a procedure for annual notification to parent(s)/guardian(s) and eligible student of the School District's definition of directory information. Parent(s)/guardian(s) or eligible students will then have two weeks to advise

the School District, in accordance with such regulations, of any or all items which they refuse to permit the District to designate as directory information about that student.

To carry out their responsibilities, school officials will have access to student educational records for legitimate educational purposes. The School District will use the criteria set forth under administrative regulations to determine who “school officials” are and what constitute “legitimate educational interests.”

Other than requests as described above, the School District will only release information from or permit access to a student’s educational record with a parent or eligible student’s prior written consent, except that the school Superintendent or a person designated by the Superintendent may permit disclosure in certain limited circumstances outlined under administrative regulations (e.g., transfers to another School District, to comply with judicial order or subpoena, where warranted in a health or safety emergency, etc.).

The School District will maintain, in accordance with administrative regulations, an accurate record of all requests to disclose information from or to permit access to a student’s educational record and of information disclosed and access permitted.



# ***GUIDANCE AND COUNSELING AND STUDENT SERVICES***

Planning your educational career and making the best decisions is a complex process. The **Guidance and Counseling Center** is a resource for students in, but not limited to the following areas:

- Educational guidance – assistance in the selection of courses and educational opportunities
- Career planning – information about the world of work, and the requirements of specific occupations
- Application processes – College, Military, Tech/Trade school opportunities
- Scholarship opportunities and financial aid
- Social guidance – help in relationships with others
- Information about yourself – your strengths and weaknesses, interests, and potential
- Personal guidance – help in solving personal problems that might involve your friends
- Counselors can be reached at 854-0878 for the HS and 854-0017 for the MS. Students are assigned to a counselor as follows:

<u>Counselor</u>	<u>Building</u>	<u>Extension</u>
Mrs. Dana Robinson	HS Counselor	2012 danarobinson@trotwood.k12.oh.us
Mrs. Laura Miracle	HS Counselor	2010 lauramiracle@trotwood.k12.oh.us
Mrs. Erica Reynolds	HS Counselor	2011 ericareynolds@trotwood.k12.oh.us
Ms. Mya Hague	HS Counselor	2013 ericareynolds@trotwood.k12.oh.us
Ms. Ashlee Appleton	MS Counselor (M-Z)	3007 ashleeappleton@trotwood.k12.oh.us
Ms. Tamesha McKinney	MS Counselor (A-L)	3010 tameshamckinney@trotwood.k12.oh.us

**Please visit the Guidance Department web page on the Trotwood Madison City Schools website regularly for timely and important information.**

**[www.trotwood.k12.oh.us](http://www.trotwood.k12.oh.us)**

### ***Special Education Programs***

Eligibility for special education programming is determined by state mandated regulations which detail an extensive process that must be followed in order to determine qualification for special services. This process must also be followed in order for students to receive Home Instruction. Students may be determined eligible for special education programs in one of several categories. Categories currently specified in State of Ohio Rules for Special Education include Autism, Deaf-blindness, Deafness and Hearing Impairment, Emotional Disturbance, Cognitive Disability, Multiple Disabilities, Orthopedic Impairment, Other Health Impairment, Specific Learning Disability, Speech or Language Impairment, Traumatic Brain Injury, and Visual Impairment.

Once eligibility is determined, an Individualized Education Program (IEP) is developed by a team of people knowledgeable about the student. At a minimum, this team will consist of at least one of the special education teachers, the student's parents, a person qualified to interpret multifactorial evaluation data, and a representative of the school district (principal or supervisor). The student and regular education teachers are also required to be a part of the team. The IEP specifies annual goals and short-term objectives for the student, along with the special education services needed to attain those goals. A conference is held at least annually to review the student's progress and to develop another IEP for the following year. The IEP team will also provide guidance for selection of appropriate classes.

# ACADEMICS

## ***DEFINITION OF TERMS***

Several words or expressions will be used throughout this booklet or in student counseling which may or may not be clear to all. Some of the most important ones are explained below:

<b><i>Unit of Credit</i></b>	One unit of credit is given for each subject normally requiring out-of-class work and which meets five days a week for a school year. Some courses meet five days per week for a semester and these courses are one-half credit courses. Physical education classes also meet 5 days a week for a semester and receive one quarter credit because they not normally require out of classwork.
<b><i>Required</i></b>	Certain courses are required for graduation.
<b><i>Elective</i></b>	Courses taken which are not required are called electives.
<b><i>Prerequisite</i></b>	It is necessary to have a certain background before taking some subjects. Prerequisites may include grade level course-work, grades in previous courses, interest, and ability.
<b><i>Semester Course</i></b>	Some courses are offered for one semester.
<b><i>Transcript</i></b>	A transcript is a complete record of courses taken and the grades earned. Transcripts are sent on request of the student to colleges or potential employers.
<b><i>Grade Point</i></b>	A point-average is the relationship between grades earned and the highest grades that can be earned.
<b><i>Weighted Grades</i></b>	Weighted grades will be awarded for the completion of designated Honors, Advanced Placement, and College Credit Plus courses.

## **GRADING POLICY**

Trotwood Madison City Schools believe that the purpose of grades is to communicate what students know and are able to do. As such, teachers will report an **Academic Achievement Letter Grade** based solely on the achievement of Ohio's grade-level standards. The purpose of Achievement Letter Grades is two-fold, to communicate actual achievement to parents, students, and others and to document, provide feedback, and guide instruction on a regular basis in order to assist students to achieve.

The district also believes it is within the mission of the district to help students develop and maintain life skills essential for success in the real world. Teachers will report students' demonstrated attainment of these skills in separate **Life Skills Comments**. The purpose of the Life Skills comments are to communicate student developmental levels on skills identified as important to future success in college or the work place.

## **GRADE WEIGHTING *(Feedback needed regarding the 4.9 column)***

<b>GRADE</b>	<b>POINT VALUE</b>	<b>HONORS POINT VALUE</b>	<b>AP/CC+ POINT VALUE</b>
A+ (97-100)	4.5	4.7	4.9
A (93-96)	4.3	4.5	4.7
A- (90-92)	4.0	4.3	4.5
B+ (87-89)	3.5	3.7	3.9
B (83-86)	3.3	3.5	3.7
B- (80-82)	3.0	3.3	3.5
C+ (77-79)	2.5	2.7	2.9
C (73-76)	2.3	2.5	2.7
C- (70-72)	2.0	2.3	2.5
D+ (67-69)	1.5	1.7	1.9
D (63-66)	1.3	1.5	1.7
D- (60-62)	1.0	1.3	1.5
F (0-59)	0	0	0

## **HONOR ROLL REQUIREMENTS**

Honor Roll will be published at the end of each grading period. In order to attain Honor Roll, students must meet the required grade point average for the quarter and must not have received a grade of F in any course.

Three Honor roll classifications will be used:

- Summa Cum Laude 4.0 and above
- Magna Cum Laude 3.5 – 3.99
- Cum Laude 3.0 – 3.49

### **CLASS STANDING**

Students will advance to the next class in accordance with the number of credits they have earned:

Less than 5.25 credits earned	=	Freshman Status
5.25 credits earned	=	Sophomore Status
10.5 credits earned	=	Junior Status
14 credits earned	=	Senior Status

### **ELIGIBILITY REQUIREMENTS (WAITING ON FEEDBACK FROM DEAN RUSSO)**

This policy covers all non-graded extra-curricular activities.

- Student must meet all OHSAA designated scholastic requirements.
- Student may not have more than two “F” letter grades in the previous nine weeks.
- Students must have a minimum grade point average of 1.83 in CORE subjects (English, Math, Science, Social Studies, and Foreign Language) the previous nine weeks grading period to compete as a **non-probationary participant**.
- Students with a grade point average below 1.83 will automatically be declared probationary participants. All **probationary participants** will be eligible to compete in all in-season contests provided they enter and fulfill an Intervention Plan contract with the athletic office. The intervention plan contract will mandate that all probationary participants attend the intervention center a minimum of two hours per week to improve their academic performance. **Students will not be eligible for probationary status as a student-athlete for more than one quarter in an academic year.**

### **NCAA Initial Eligibility Standards – Divisions I and II**

A student-athlete who enrolls in a Division I or Division II institution as an entering freshman must meet academic requirements to be eligible for financial aid, practice and competition during the first academic year in residence. NCAA academic eligibility information can be picked up at the TMHS Athletic Department, from the Counselors, or by accessing the NCAA Clearinghouse website at [www.eligibilitycenter.org](http://www.eligibilitycenter.org) Trotwood Madison courses that meet NCAA eligibility requirements are noted in this handbook.

Additional courses may be approved after the printing of this handbook. Students are advised to work with their counselors in selecting NCAA approved courses.

**Student Athletes are advised that the NCAA Eligibility Clearinghouse does not accept courses or credits obtained from the American School of Correspondence. Student athletes who use the online Trotwood Madison High School Credit Recovery Program will also find that these courses are not accepted by the NCAA. Student Athletes wishing to continue participating in their sports at the collegiate level must also be good students in the classroom.**

**ACADEMIC GRADUATION REQUIREMENTS**

In order to graduate from T-M High School, you must fulfill *all* credit and course requirements and meet state test requirements as required by the State of Ohio. **All students must meet new testing requirements as outlined below.**

Course requirements are as follows:

<b>Subject</b>	<b>Credit</b>	<b>Course</b>
Language Arts	4 Credits	English 9, 10, 11, 12 <b>Senior Project is embedded in the English 12, and AP English 12 courses. Students who do not pass this required project will not receive credit for English 12</b>
Math	4 Credits	Must complete the appropriate sequence of Math courses to include Algebra II
Science	3 Credits	Physical Science, Life Science, and an Advanced Science elective
Social Studies	3 Credits	World History, American History, American Government
Health	½ Credit	
Physical Education	½ Credit (2 semesters)	Physical education classes meet 5 days a week for a semester and receive one quarter credit.
Fine Art	1 credit	Visual or Performing Arts (Art or Music)
Personal Financial Literacy	½ Credit	May be met by Personal Finance or Economics.
Electives	4.5 Credits	Additional Credits from any department
Total Minimum	21 Credits	

## **TESTING REQUIREMENTS FOR GRADUATION**

Testing requirements for graduation in the state of Ohio currently provide three (3) options for students.

**OPTION 1 - ACT** Under this option students must achieve minimum college readiness scores on the ACT. These scores are: English 18, Mathematics 22, Reading 22, Science 23

**OPTION 2 -END OF COURSE TESTS** Students will take state mandated End of Course tests in English 9 and 10, Algebra 1, Geometry, Biology, American History, and American Government. For each of the seven tests students may earn one to five graduation points. Students have the potential to earn a total of 35 points. To meet this graduation option, a student must earn a minimum of 18 points from all tests.

This graduation option gives a student flexibility in accumulating 18 points. A high score on one test can balance a low score on another test. A student must earn a total of at least four points on English tests, four points on math tests and six points on science and social studies tests.

**OPTION 3 -ACT WORKKEYS PLUS INDUSTRY CREDENTIAL** The Industry credential and workforce readiness option means that students must earn 12 points through a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and achieve a workforce readiness score on the WorkKeys assessment.

The WorkKeys assessment has three sections: reading, applied mathematics and locating information. Students in the Classes of 2018 and 2019 must earn a total of 13 points across the three WorkKeys sections; students in the Class of 2020 and beyond must earn a total of 14 points. Students must also earn at least three points on each section of the test.

Approved industry- recognized credentials may be found on the Ohio Department of Education website.

## **TRANSFER OF CREDITS**

Summer school credits will be accepted toward graduation. Transfer credits and grades for secondary school courses (Grades 9-12), earned by a student in another chartered Ohio school, or a school approved or accredited by the Department of Education in another state,

will be accepted by the Trotwood-Madison City Schools toward graduation requirements for the student.

Credits from non-chartered schools, community schools, and schools in foreign countries will be evaluated by the principal and/or counselor and may or may not be accepted. Criteria for such determination will include the number of days the school was in session, length of the official school day, the number of scheduled meetings per course, and the clock hours per year for each course, as well as course content.

Students enrolled in Algebra 1 in Trotwood Madison City Schools during their 8<sup>th</sup> grade year may earn high school credit upon successful completion of coursework.

Students attending other schools where pre-high school courses were taken for high school credit will be required to provide documentation from their schools validating the credit. The principal and/or counselor may also request evidence that the courses have been taught by teachers holding properly validated certificate(s) or license(s) from the appropriate state education agency. The principal and/or counselor may consider the student's past academic history, including courses taken, grades earned, and the results of standardized and criterion-referenced testing. Such students shall be placed conditionally in courses that the staff feels appropriate. The principal and/or counselor may direct such testing and/or counseling as he/she deems necessary for the best educational placement of the student.

Credit for religious courses in a chartered or non-chartered school may not be counted in the minimum number of credits required for a Trotwood-Madison diploma.

***Home schooled students*** wishing to enroll at Trotwood-Madison High School are subject to the following:

1. The parent will provide official results of a recognized standardized achievement test the parent had administered to the student within six months prior to enrolling in Trotwood-Madison City Schools. Two common choices are the Terra Nova Achievement Test or the Iowa Test of Basic Skills (TBS). If no standardized achievement results are available, then the parent must provide a copy of the signed written assurance from a certified teacher's evaluation of the student's work portfolio for each year of home schooling in grade 8 – 11.
2. The parents will provide a list of subjects studied at home. Lack of this documentation may result in the student repeating course(s). Complete documentation does not guarantee courses will be accepted. Accepted courses graded at home will receive a "Pass" or "Fail" designation from Trotwood-Madison City Schools, with a "home schooling" notation on the transcript.
3. The parents will provide a copy of the notification form from Trotwood-Madison City Schools or the district where the student was home schooled showing that the student was officially home schooled.



### ***Correspondence/ On Line Courses***

Trotwood Madison High School uses online programming to assist students in recovering credit lost through failure. Students have the opportunity to make up credits through our annual Summer School Program and in independent online learning programs throughout the school year. The cost for Summer School Lab time is set annually in May. At this time, there is no charge for the independent online credit recovery program held during the academic year.

Trotwood-Madison High School recommends The American School as the approved correspondence program. Generally the counselor is the supervisor and, therefore, sets up the program and approves the courses. The counselor will make a careful evaluation of the need for correspondence before final approval is granted. Tuition, materials, and fees are the responsibility of the student. Credit for correspondence school courses may be applied toward graduation, provided:

1. Prior authorization to enroll in correspondence courses has been given by the high school principal or by a school official designated by the Superintendent of Schools.
2. All coursework must be completed and an official transcript must be on file in the guidance office by May 1 of the student's senior year.

**Student Athletes are advised that the NCAA Eligibility Clearinghouse does not accept courses or credits obtained from the American School of Correspondence. Student athletes who use the online Credit Recovery Program of Trotwood Madison High School will also find that these courses are not accepted by the NCAA. Student Athletes wishing to continue participating in their sports at the collegiate level must also be good students in the classroom.**

### ***College Entrance Requirements***

The MINIMUM Core for college preparation in Ohio includes:

English – 4 credits

Math – 4 credits

Science – 3 credits

Social Studies – 3 credits

Foreign Language – 2 credits of the same language

Visual or Performing Arts – 1 credit (Art, Music, Drama courses)

College entrance requirements vary considerably. All colleges and universities expect students to maintain good cumulative GPAs. Students with cumulative GPAs lower than 2.50 can expect to find admission to 4 year colleges very difficult. To enhance your chances for admission to the university and academic program of your choice, you are encouraged to take the most rigorous curriculum available. College catalogues and guidance counselors should be consulted for specific requirements.

Students should plan on taking the Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test in their junior and/or sophomore years. In the spring of the junior year or early in the senior year, the Scholastic Aptitude Test (SAT) and/or the American College Test (ACT) should be taken. Your counselor will advise you on specific details regarding these tests. Most colleges now require one of these two tests for admission.

**Applications to college should be made by November 1 of the senior year.**

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## **CRITERIA FOR EARNING AN HONORS DIPLOMA**

*Students need to fulfill all but one criterion for any of the following Diplomas with Honors*

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<b>Subject</b>	<b>High School Academic Diploma with Honors</b>	<b>Career-Technical Diploma with Honors</b>
<b>English</b>	4 units	4 units
<b>Mathematics</b>	4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content	4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
<b>Science</b>	4 units, including physics and chemistry	4 units, including 2 units of advanced science
<b>Social Studies</b>	4 units	4 units
<b>Foreign Language</b>	3 units, including at least 2 units in each language studied	2 units of one World Language
<b>Fine Arts</b>	1 unit	
<b>Career-Technical</b>		4 units of Career-Technical
<b>Grade Point Average ACT/SAT Score [</b>	<b>3.5</b> on a 4.0 scale <b>27 ACT / 1280 SAT</b>	<b>3.5</b> on a 4.0 scale <b>27 ACT / 1280 SAT/Work Keys: 6</b> or higher on Reading for Information and 6 or higher on Applied Mathematics
<b>Field Experience</b>		Complete a field experience and document the experience in a portfolio specific to the student's area of focus.
<b>Portfolio</b>		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.

**Additional Assessment**

Earn an industry recognized credential or achieve proficiency benchmark for appropriate Ohio Career Technical Competency Assessment or equivalent,

# EDUCATIONAL OPTIONS PROGRAMS

## **PHYSICAL EDUCATION OPTION POLICY**

Trotwood-Madison City Schools recognizes the physical education option as outlined in the Ohio Core. Students who participate in interscholastic athletics, marching band, or cheerleading for at least two full seasons will be excused from the high school physical education requirement for graduation. Daily participation paralleling the official sports season must be completed at a 90% attendance level in the specific activity in order for the physical education requirement to be excused. Sports seasons are determined by the official starting date of the activity and conclude with the final formal activity of the group.

Students who received a passing grade and maintained a 90% attendance rate in the Junior Reserve Officer Training Corps (JROTC) course each year for two years will also be excused from the high school physical education requirement for graduation.

Physical Education Option Guidelines:

1. The student and parent will complete and sign the Intent to Participate: High School Physical Education Option form prior to the start of the PE Option. The intent to Participate form is filed with the Counseling Department.
2. Following each season, the Athletic Director will attain a list from the assigned coach/activity supervisor that designates which athletes, cheerleaders or marching band members have fulfilled the 90% attendance and participation requirements. The Athletic director will communicate this information to the Lead Guidance Counselor.
3. Near the conclusion of each school year, the JROTC staff and/or the Counseling staff will review the attendance record of all students enrolled in the JROTC program for the full academic year. Students that have been enrolled in JROTC the entire academic year, earned an overall passing grade in the course, and possess a 90% attendance rate in the course will be eligible to use the PE Option.
4. Students who are projected to have 0 (zero) PE credits at the commencement of their junior year and who have not been excused from the high school physical education requirement will be scheduled into PE by default during their junior year. In order to meet the requirements for graduation, students who have not completed all requirements by the end of the junior year will be scheduled into PE classes their senior year by default.

## **DUAL ENROLLMENT PROGRAMS**

A “dual enrollment program” is a program that enables a student to earn credit towards a degree from an institution of higher education while enrolled in high school, or one that enables a student to complete coursework while enrolled in high school that may earn credit towards a degree from an institution of higher education upon the student’s attainment of a specified score on an examination covering the coursework.

Dual enrollment programs may include any of the following:

- Advanced Placement courses
- The College Credit Plus Program

Trotwood-Madison High School offers Advanced Placement courses and participates in the College Credit Plus Program for students who demonstrate readiness for college level work.

**All students who wish to participate in the College Credit Plus Program are strongly recommended to adhere to the following pathway.**

## **TROTWOOD MADISON HIGH SCHOOL COLLEGE CREDIT PLUS PATHWAYS GRADES 6 – 12**

### **ENTRY YEAR**

#### **Semester 1**

TMHS course – 9020 From HS to Success

#### **Semester 2**

TMHS course 9020 From HS to Success **OR**  
Sinclair course SCC Semester 11101 First Year Experience **OR**  
Central State course FYS 1101 First Year Experience

### **SECOND YEAR**

**Semester 1** 1 course selection only  
Sinclair Community College  
Central State University

**Semester 2** 1-2 course selections  
Sinclair Community College  
Central State University

### **YEAR 3 OR 4**

**Semester 1**  
Sinclair Community College  
Central State University

**Semester 2**  
Sinclair Community College  
Central state university

### **College Credit Plus**

College Credit Plus (CCP) gives students in grades 6 – 12 the opportunity to enroll in college courses for free. Earning high school and college credit before graduating high school. Students may take these courses either at their home high schools, on college campuses with other college students or online. The parent/guardian and the student are expected to attend an informational meeting scheduled by the guidance department regarding this program. Attendance at these meetings are required to be able to participate in the program. Meetings usually take place in November and end of January, please listen for announcements. An Intent to Participate Form must also be signed by the student and parent and returned to the Guidance Office before April 1.

Student eligibility to attend college will be determined by the college or university to which the student seeks admission. Students must demonstrate college readiness by taking required college placement tests such as the ACT and/or Accuplacer tests and achieving

scores indicative of college readiness. Students in these programs are also expected to be able to maintain above average GPAs.

Trotwood Madison High School has entered into partnerships with both Sinclair Community College and Central State University in order to provide students with a variety of options to participate in the College Credit Plus program. Students may also be able to attend classes on the campuses of Wright State University, Central State (Dayton Campus) or Sinclair or they may enroll in a number of classes provided by both schools at Trotwood Madison High School and offered as part of students' regular school day (see page 26). These "on site" classes will be taught by Central State and Sinclair professors. These teachers may be live in the class or reach the students via online instruction. In cases where classes are offered online a Trotwood Madison teacher of the same or a related content area will be physically present in the classroom.

**Financial Arrangements:** **There is no cost to the student or parent for this program. Textbooks however are the property of Trotwood Madison City Schools and must be returned to the Guidance Department or Media Center Specialist at the end of each term. The cost of books not returned will be added to student fees.**

**Graduation Requirements:** No high school graduation requirements may be waived for any student participating in this program. To participate in the commencement ceremony, all college course work taken for high school credit must be successfully completed and final grade reports submitted to the high school principal's office no later than one day prior to the graduation ceremony.

**Grade Point Average:** All college courses taken for high school credit will be included in the grade point average and class rank on the student's transcript and will be weighted the same as Advanced Placement courses. Students participating in College Credit Plus are encouraged to make themselves familiar with college grading policy since students are required to maintain a minimum college GPA in order to continue in the CCP program and some courses require minimum grades in order to receive college credit.

**Granting of Credit:** While it is difficult to convert college credit to high school credits; the following formula will be applied:

- 1 college semester hour class = .34 high school credit
- 2 college semester hour class = .66 high school credit
- 3-5 college semester hour class = 1.00 high school credit

**Activity and or Athletic Eligibility:** Students enrolled in a College Credit Plus course are eligible for activity and/or athletic participation provided they meet all the requirements established for the activity and/or athletic participation by the Trotwood-Madison City Schools Board of Education and the Ohio High School Athletic Association.

**Scheduling Conflicts:** Scheduling conflicts of college courses, high school courses, and school activities **are not** the responsibility of the Trotwood-Madison City School District. Students are encouraged to work with their high school counselors and college advisors to avoid conflicts.

College Credit Plus Materials Needed:

- Attend a Mandatory Meeting at Trotwood-Madison High School in the TMHS Auditorium for all interested students and their parents. (Usually in November and end of January and possible make up day in February if needed.)
- Turn in “Intent to Participate” form and Authorization form completed and returned to Counseling Department by April 1.
- Once all paperwork is turned in then testing will need to take place. Trotwood will give the test at the High School in April.
- Once testing is complete then students will register for classes in May for Summer or Fall semester.

### **Credit Flexibility**

Credit Flexibility Plans (CFPs) are educational experiences where the primary acquisition of knowledge and skills takes place outside of Trotwood-Madison High School’s classrooms. Trotwood-Madison City Schools are not responsible for any cost incurred from a student’s participation in a CFP. Students are required to have prior approval for the CFP before the experience is initiated.

There are two types of CFP experiences: Learning based and Assessment only.

Learning-based CFPs are those in which a student will be actively working to learn new content. At the conclusion of the experience, achievement of learning objectives must be demonstrated as defined by the approved CFP. These opportunities may include but not be limited to: independent study, private instruction, performing groups, internships, community service, apprenticeship, work study, and online courses.

Assessment-only CFPs are those in which the student is able to demonstrate their knowledge and understanding of a course’s content without participating in a new learning experience. Students will be required to take the appropriate semester exams and demonstrate skill achievement (lab demonstration, research papers, etc.) within 6 weeks of plan approval. The minimum achievement level for credit to be obtained using an Assessment-only CFP is 80%

A student considering a CFP should discuss the possibility with their counselor early in the process. It is expected that the application will be thoroughly and thoughtfully researched. A completed application will be submitted directly to the principal or his/her designee. CFP applications must be submitted for approval by May 1 to be considered for the subsequent academic school year but students with special circumstances will be



considered on a case by case basis. CFP applications for the second semester of an academic school year must be submitted by November 1.

### **Miami Valley Career Technology Center**

The application process for Miami Valley Career Technology Center (MVCTC) begins during the fall of sophomore year with information meetings and visits to MVCTC.

Applications are due to the Counseling Center in January. Students who plan to attend MVCTC for their junior and senior year must be current in all core credit requirements. They must also have completed all Health, Physical Education, and Fine Art.

Students who enroll at MVCTC in their junior year but decide to return to T-M High School must do so within the first two weeks of the school year. If a student wishes to return to T-M High School after this two week period has lapsed, he/she must wait until the second semester commences.

## **SCHEDULING**

Each student will meet with a counselor to make course selections. Students share a copy of their selections with parents and return the signed form to the counseling center. Class schedules are prepared using these requests over the summer and will be available for students in late August.

### ***Honors/AP Courses***

Students who wish to take Honors courses must score above average on all state and local assessments and consult with their counselor. Students who do not have department approval must complete the honors contract process. These students will be placed in honors classes on a space available basis.

### ***Class Schedule Changes***

**Students may request changes of schedule for the reasons listed below for 5 school days from the starting date of the school year. REQUESTS MADE AFTER THIS DATE WILL NOT BE CONSIDERED.**

## ***Acceptable Reasons for Schedule Changes***

1. Student needs specific course for graduation.
  2. A clerical error was made on the schedule.
  3. Student has not completed the prerequisite for the course enrolled.
  4. Student has passed/failed a summer school course.
  5. College Credit Plus required schedule adjustment.
  6. Medical reasons documented by a physician.
  7. Student wishes to drop an aide position to add an available course. (Only if there is no disruption to the rest of the schedule.)
- ***Schedule change requests for reasons other than those listed above may be considered on a case-by-case basis.***

### ***Request for Attendance Waiver – Abbreviated Schedule***

It is the expectation at Trotwood-Madison City Schools that all students are in attendance for a full day of instruction. Regardless of the future plans of the student, it is in his or her best interest to engage in a full schedule of academic rigor to develop analytical, communication, and collaborative skills. These are the skills that business and college officials tell us are essential for students to attain in the high school setting. Without fail, graduates of Trotwood-Madison City Schools return each year and report that they wish they had taken additional and more demanding mathematics, science and content reading courses. The competition is high in college classes and in the workplace; Trotwood-Madison graduates need to be prepared to take their rightful places in the post-high school world.

Requests for abbreviated schedules will be granted at the discretion of administration. Primary consideration will be given to students participating in the College Credit Plus Program or who are taking other college course work.

### ***Minimum Class Enrollment***

If enrollment in a course is not large enough to warrant its inclusion in the curriculum, another course may be substituted.

# COURSE DESCRIPTIONS

## *ART*

<u>Course Name</u>	<u>Length</u>	<u>Grade Level</u>	<u>Prerequisite</u>	<u>Credit</u>	<u>Offered</u>
MS Art I	Year	7-8	None		Annually
MS Art II	Semester	7-8	None		Annually
MS Art III	Year	7-8	None		Annually
Art I	Semester	8 - 12	None	.5	Annually
Art II	Semester	9 - 12	Yes	.5	Annually
Art III	Semester	10 - 12	Yes	.5	Annually
Art IV	Semester	10- 12	Yes	.5	Annually
Crafts	Semester	9 -12	None	.5	Annually
Graphic Arts Design	Semester	10 - 12	Yes	.5	Annually
Art History	Year	11 - 12	Yes	1.0	Annually
Jewelry	Semester	9 - 12	Yes	.5	2019-2020
3D Design	Semester	9 - 12	Yes	.5	2019-2020
Drawing & Painting	Semester	9 – 12	Yes	.5	2019-2020
Ceramics	Semester	9 - 12	Yes	.5	<b>2019-2020</b>
Digital Photography	Semester	10-12	Yes	.5	<b>2020-2021</b>
Textiles & Fibers	Semester	9 - 12	Yes	.5	<b>2020-2021</b>
AP ART	Year	9-12	No	1.0	<b>2019-2020</b>

*All Fees listed are 2019-2020 fees and are subject to change without notice.*

## **MS Art 1**

### **Grades: 7-8**

Art 1 is an exploratory skills-based, visual art course that introduces students to a variety of media, skills and tools. Students will also learn about art history and the value of art in various cultures. Students will gain skills in understanding and valuing their own art and the art of others. The class assignments are based on the Ohio Visual Art Standards and introduce students to the Elements of Art and the Principles of Design.

## **MS Art 2 - Semester**

### **Grades: 7-8**

#### **Prerequisite: Successful Completion of Art 1 or by teacher recommendation**

Students apply artistic processes and skills at a more sophisticated level, using a wide variety of media, to communicate meaning and intent to works of art based on the Elements of Art and the Principles of Design. Students continue to develop more advanced skills and compositional strategies based on the foundation of Art 1 to create more individualized works of art with more advanced applications. Assignments are based on the Ohio Visual Arts Standards.

## **MS Art 3**

### **Grades: 7-8**

This three-dimensional art class focuses on the application of the Elements of Art and the Principles of Design expressed in a wide variety of sculptural media. Students work with varied techniques to create original works of art, cultivating an appreciation for good design, craftsmanship and creative problem solving skills. This course is aligned with the Ohio Visual Art Standards.

### **5015 Art I (Studio)**

- **Single Semester Course**
- **Offered Grades -12**
- **½ Credit**

This course presents a series of art experiences, but the focus is primarily on drawing and painting. It reinforces the basic elements of art: line, value, color, shape, and texture. You will develop skills and techniques in various art materials and, through these experiences,

become more adept at creatively expressing ideas and feelings. The basic techniques and skills you gain through your art experiences will not only enhance your leisure time but may also provide a career foundation for visual arts. Whether interested in an art career or just plain interested, this may be a course for you!

### **5025 Art II (Studio)**

- **Art I**
- **Single Semester Course**
- **Offered Grades 9-12**
- **½ Credit**

Did you enjoy Art I, but would like a more in-depth study? Art II further explores the principles of design –unity, balance, rhythm, proportion, and emphasis- with more focus on individual creativity in drawing, painting, and three-dimensional design. Looking at art as a means of communication, you will gain a better understanding of yourself, the world, and your artistic heritage. Plus, you'll get to work with material not introduced in Art I. Sign up if you have a sincere interest in art!

### **5035 Art III (Studio)**

- **Art I & II**
- **Single Semester Course**
- **Offered Grades 10-12**
- **½ Credit**

Wanted: Advanced art students interested in a career in the visual arts. Requirements: Professional attitude and commitment to producing high quality work. In this class, you will learn about artists and their achievements, past and present. Individual expression and style through drawing, painting, and three-dimensional design is the focus. You will also gain an understanding of airbrush techniques. As you progress through the course, you will develop a body of work to incorporate into your art portfolio.

### **5035 Art IV (Studio)**

- **Art I - III**
- **Single Semester Course**
- **Offered Grades 10-12**
- **½ Credit**

Serious artists only, please. You will continue with the final development of a portfolio for admittance to a post-secondary arts program and scholarship competition. Emphasis on career education and college selection in the visual art

field will be stressed. You will also examine past periods of art, design, and architecture. This is your opportunity to further develop your own personal statement and style in drawing, painting, and three-dimensional art. You will also develop greater skill and technique with the airbrush.

### **5105 Crafts**

- **Single Semester Course**
- **Offered Grades 9-12**
- **½ Credit**

Enjoy working with your hands? There are lots of opportunities here. Various fun projects will be offered, such as tie-dye, jewelry making, clay pottery, batik, relief printing, soft sculpture, basketry, Paper Mache, needlework, and weaving.

### **5115 Jewelry *Offered 2019-2020***

- **Art I**
- **Single Semester Course**
- **Offered Grades 9-12**
- **½ Credit**

Explore concepts and traditions of metal and fiber design. This class will offer metal and wire construction, casting, etching, and enameling.

### **5130 Graphic Arts Design**

- **Art I and II**
- **Single Semester Course**
- **Offered Grades 10 – 12**
- **1/2 Credit**

Do you love art but want to expand your abilities to make those neat graphic arts designs on a computer? This is the course for you. Students will explore digital photography with computer graphic design to develop an understanding of techniques and processes used to create electronic media while they learn to appreciate the visual art that is present in our world today. Students will learn to create different graphic art projects in a lab setting. These acquired skills will transfer to personal, recreational, and even future graphic design or production related technology careers.

### **5140 Art History**

- **Art I**
- **Year Long Course**
- **Offered Grades 11 – 12**
- **1 Credit**

This is a class in which you will have the opportunity to learn about the rich and diverse creation of visual art throughout the history of mankind. Understanding the works of artists from the cavemen to the artists of the twenty-first century is a fascinating and enlightening way to understand human kind itself. This is a yearlong course, which is arranged chronologically and geographically, meaning that we will study the oldest first and focus our study by region. It is our hope that you will find yourself fascinated by the differences and similarities seen crossing all cultural, period and geographic boundaries. This is a class where maturity and responsibility are expected from every student every day.

### **5045 3D Design *Offered 2019-2020***

- **Art I**
- **Single Semester Course**
- **Offered Grades 9-12**
- **½ Credit**

This is a class in which you have the opportunity to learn to “think three dimensionally.” This is a very important part of becoming a critical thinker and decision maker in all areas of life both creative and academic. You will be introduced (or reintroduced) to a variety of creative building and construction processes such as ceramics, papier mache, relief, wire construction, “junk” sculpture, cardboard construction and mobile balance.

### **5055 Drawing & Painting *Offered 2020-2021***

- **Art I**
- **Single Semester Course**
- **Offered Grades 9-12**
- **½ Credit**

This is a class in which you will have the opportunity to focus entirely on the processes of drawing and painting. Approximately half of your time will be spent on observational drawing (working from real life objects, people, etc.) and about half on creative interpretation of a more impressionistic or abstract approach to composition. You will be introduced to a variety of mediums and materials including pencil, charcoal, markers, chalk, colored pencil, watercolor, acrylic and oil paint.

**5065 Textiles & Fibers** \_\_\_\_\_ *Offered*  
*2018-2019*

- **Art I**
- **Single Semester Course**
- **Offered Grades 9-12**
- **½ Credit**

In this course you will have the opportunity to learn a variety of art processes that utilize fabrics, cords, yarns and other fibrous materials. You will study the many uses of fiber art in a variety of cultures and will also be shown some of the significant styles in textile production and fiber art creation. By the end of this course, you should have created a number of beautiful and useful pieces of fiber art.



**5075 Ceramics** \_\_\_\_\_ *Offered 2019-2020*

- **Art I**
- **Single Semester Course**
- **Offered Grades 9-12**
- **½ Credit**

This is a class in which you will learn basic hand-building techniques and glazing processes. You will study the compositions and general characteristics of clay bodies and you will also be shown some of the significant styles in pottery. And ceramic sculpture. Students will also create a wheel-thrown piece of pottery

**5085 Digital Photography** \_\_\_\_\_ *Offered*  
*2020-2021*

- **Art I**
- **Single Semester Course**
- **Offered Grades 10-12**
- **½ Credit**

This is a course in which you will have the opportunity to learn to effectively and creatively use various pieces of digital photographic equipment. You will become familiar with digital cameras, download processes, digital file storage, image enhancement and manipulation and be briefly introduced to digital videography. You will be introduced to a variety of creative digital processes such as Photo Shop, gel transfer, fabric printing and jewelry incorporation.

**5060 AP ART (Studio Art)**

- **Yearlong course**
- **Offered Grades 9-12**
- **Full Credit**

This is a course in which you will receive the opportunity for a college credit upon completion of a Portfolio of all projects completed during your year. This is a college level course and designed for students serious at a career in Studio Art. Students who complete this course will receive a college credit.

# ***BUSINESS EDUCATION AND TECHNOLOGY***

<u>Course Name</u>	<u>Length</u>	<u>Grade Level</u>	<u>Prerequisite</u>	<u>Credit</u>
Digital Literacy	Semester	7-8	None	
Fundamentals of Business and Administrative Services	Year	9-10	Business Foundations	1.0
Business Foundations	Semester	9-10	None	0.5
Principles of Information Technology	Year	9-12	None	1.0
Entrepreneurship	Semester	9-12	None	.5
Accounting	Semester	10-12	None	.5
Business Law	Semester	10-12	None	.5
Office Management	Semester	10-12	Business Foundations, Fundamentals of Business and Admin Serv.	1.0
Operations Management	Semester	11-12	Business Foundations, Fundamentals of Business and Admin Serv.	1.0
Human Resource Management	Semester	11-12	Business Foundations and Fundamentals of Business and Admin. Services	
Microsoft Office Certification Prep	Semester	11 - 12	Microsoft Word, Microsoft Excel	.5
Personal Finance	Semester	11 - 12	None	.5
Multimedia Design	Year	11 – 12	None	1.0

***All Fees listed are 2018-2029 fees and are subject to change without notice***

### **MS Digital Literacy**

This course will introduce students to computer usage skills. They will learn to maneuver through computer software applications, basic hardware applications, cyber safety, and using technology appropriately for research and information finding.

**(Course proposal needs to be submitted to the CRC and grade levels offered decided; Course Description will be added to Final Draft upon approval)**

### **5705 Business Foundations**

- **No Prerequisites**
- **Single Semester Course**
- **Offered Grades 8-10**

This is the first course toward the Business and Administrative Services Finance and Marketing career fields. It introduces students to specializations within the career fields. Students will obtain knowledge and skills in fundamental business activities. They will acquire knowledge of business processes, economics, and business relationships. Students will use technology to

### **5505 Accounting**

- **No Prerequisite**
- **Single Semester Course**
- **Offered Grades 10-12**
- **1/2 Credit**

Accounting is the universal language of all businesses. This course will teach you to keep complete, systematic financial records of business transactions using electronic spreadsheet technology. The course will give you a feel of what it takes to be an accountant for a major corporation and whether this could be a career choice for you. If you plan to enter a business field in college or attend MVCTC in a business related field, this class is a must! Accounting is a skill that will be helpful in obtaining any business office related position.

synthesize and share business information. Employability skills, leadership and communications and personal financial literacy will be addressed. **Required for pathway credential.**

### **5700 Fundamentals of Business and Administrative Services**

- **Prerequisites: Business Foundations**
- **Year Long Course**
- **Offered Grades 8-10**

This is the first course specific to the Business and Administrative Services career field. It introduces students to the specializations offered in Business and Administrative Services. Students will obtain fundamental knowledge and skills in general management, human resources management, operations management, business informatics, and office management. They will acquire knowledge of business operations, business relationships resource management, process management and financial principles. Students will use technological tools and applications to develop business insights.

### **5515 Keyboarding**

- **No Prerequisite**
- **Single Semester Course**
- **Offered Grades 9-10**
- **1/2 Credit**

Students who take this course will learn the skills sets needed to be efficient and effective typists. The students will gain more knowledge in using GOOGLE SUITE (Classroom and DOCS), through challenging and fun typing activities. They will learn proper use of the computer keyboard, formal language versus informal language in business and many other foundational business skills that will make them successful in the classroom and beyond.



## **5600 Principles of Information Technology**

- **No Prerequisites**
- **Year Long Course**
- **Offered Grades 9-12**
- **1 Credit**

Principles of Information Technology is a full-year introductory Digital Applications course built on the Microsoft Office Platform with emphasis on Career Preparation. This course is aligned with state and national standards. Students enrolled in this course will gain experience in basic keyboarding, Microsoft Word, Power Point, Publisher, and Excel. Students will also be introduced to the fundamentals of Adobe Photoshop for basic image editing and simple graphic design.

## **5615 Business Law**

- **No Prerequisites**
- **Single Semester Course**
- **Offered Grades 10-12**
- **½ Credit**

This course relates business law to everyday student and consumer situations. Learn important and useful information about contracts, liability, purchases, and much more.

## **5625 Entrepreneurship**

- **No Prerequisites**
- **Single Semester Course**
- **Offered Grades 9-12**
- **½ Credit**

A recent nationwide Gallup Poll survey indicated that 70 percent of high school students want to launch their own businesses. Does this sound like you? This class is for all students interested in exploring managerial competencies needed to create, manage, and grow a new small business. The final unit of the course will be a capstone activity in which you or your team develops a business plan. Virtually every career choice requires participation in the business world. Thus, a background in entrepreneurship can be meaningful preparation for your future.

## **5640 Multimedia Design**

- **No Prerequisites**
- **Year Long Course**
- **Offered Grades 11 – 12**
- **1 Credit**

This course focuses on creating, designing, and producing multimedia projects. Students will learn real life technology skills and develop their creative uses through multimedia production with an emphasis on digital imaging and video production and editing. These acquired skills will transfer to personal, recreational, and even future design or production related technology careers. Class activities will include projects that provide students' opportunity to apply what was learned through continued practice during lab time while using problem solving skills to improve the end product.

## **5715 Office Management**

- **Prerequisites: Business Foundations and Fundamentals of Business and Administrative Services**
- **Single Semester Course**
- **Offered 10-12**
- **1 Credit**

Students will apply techniques used to manage people and information in a business environment. Students will learn to build relationships with clients, employees, peers, and stake holders and to assist new employees. They will manage business records, gather and disseminate information and preserve critical artifacts. They will also examine contracts, internal controls, and compliance requirements. Business office tools and applications will be emphasized. **Required for pathway credential.**

## **5645 Personal Finance**

- **No Prerequisites**
- **Single Semester Course**
- **Offered Grade 11-12**
- **½ Credit**

In today's world, it's more important than ever to understand the consequences of your economic choices, and the tools you can use to manage your finances and plan for your future. Learn how to make informed decisions related to managing finances and budgeting, saving and investing, living independently, earning and reporting income, buying goods and services, using credit, banking, and protecting against risk. The course may also provide an overview of the American economy. **THIS COURSE MEETS THE PERSONAL FINANCIAL LITERACY GRADUATION REQUIREMENT.**

### **5725 Operations Management**

- **Prerequisites: Business Foundations and Fundamentals of Business Administrative Services**
- **Single Semester Course**
- **Offered Grades 11-12**
- **1 Credit**
- **1 Credit**

Students will learn to plan, organize, and monitor day-to-day business activities. They will use technology to plan production activities, forecast inventory needs, and negotiate vendor contracts. Students will also calculate break-even, set cost-volume-profit goals, and develop policies and procedures to promote workplace safety and security. They will design sustainability plan and use lean and six sigma principles to plan for quality improvement. Cooperate social responsibility, ethics, risk-management and compliance will be emphasized. **Required for pathway credential.**

### **5735 Human Resource Management**

- **Prerequisites: Business Foundations and Fundamentals of Business and Administrative Services**
- **Single Semester Course**
- **Offered Grades 11-12**
- **1 Credit**

Students will develop human resources strategies to obtain, retain, and effectively use talent throughout the organization. Students will utilize technology to create job applications, job descriptions, and job profiles to support the talent acquisition process. They will learn to recruit applicants, administer employment assessments, conduct background investigations, and make and communicate improvement processes. Rewards and recognition practices, relationship management and compliance will be addressed. **Required for pathway credential.**

**TROTWOOD MADISON CITY SCHOOLS  
CAREER PATHWAY**

**PRIMARY PATHWAY: Business and Finance**

**SECONDARY PATHWAY: Business and Administrative Services**

<b>MIDDLE SCHOOL</b>	<b>Grade 6</b>	English 6	Math 6	Science 6	Social Studies 6	Career Exploration/Tech Elective	Phys. Ed. / Health Music/Chorale	Spanish
	<b>Grade 7</b>	English 7	Math 7	Science 7	Social Studies 7	Digital Literacy	PE/STEM/MUSIC	Spanish
	<b>Grade 8</b>	English 8	Math 8	Science 8	Social Studies 8	Digital Literacy	Art 1/Music/Health	Spanish 1
<b>HIGH SCHOOL</b>	<b>Grade 9</b>	English 9	Trans. to H. S. Math or Algebra 1	Earth or Phys. Science	World History	Composition 9	Fundamentals of Business and Administrative Services	Business Foundations / Phys. Ed
	<b>Grade 10</b>	English 10	Algebra 1 or Geometry	Physical Science or Biology	American History	Composition 10	Office Management	Health */ Phys. Ed
	<b>Grade 11</b>	English 11	Geometry or Algebra 2	Biology or Chemistry or Environmental Science	American Government	Effective Public Speaking / Fine Art	Operations Management	Microsoft Word // Microsoft Excel
	<b>Grade 12</b>	English 12	Algebra 2 or Modeling	Human Resource Management	Personal Finance /Microsoft Office Certification Prep**	Intro to Healthcare Delivery /Medical Billing Specialist	Medical Terminology/Intro Medical Office Coding	INTERNSHIP

**BLUE –Pathway**

**RED – SINCLAIR COURSES CCP**

# ***CAREER READINESS***

<u>Course Name</u>	<u>Length</u>	<u>Grade Level</u>	<u>Prerequisite</u>	<u>Credit</u>
Career Search	Semester	6-8	None	None
Employability Skills	Semester	9 - 10	None	0.50
Advanced Manufacturing	Year	10 – 12	None	0.50
Healthcare	Year	10 – 12	None	0.50
Information Technology	Year	10 – 12	None	0.50
Aviation	Year	10 – 12	None	0.50
High School to Success	Year	9-12	None	1.0

Career Readiness courses, developed in cooperation with the Montgomery County Educational Service Center, offer students the opportunity to develop employability skills and to further explore career opportunities in expanding growth areas of the Miami Valley.

## **6305 Career Search**

- **No Prerequisites**
- **All Year**
- **Offered Grade 8**

In this course students will develop Individual Academic and Career Plans, practice job skills, Apply social skills that lead to healthy, caring, and responsible citizenship and effective school, career and family relationships.

Areas of study for this course include assessing career plans, managing job searches, and examining career and workplace issues. Students will also develop essential interpersonal skills, other communication skills and workplace related skills. This course includes a mentorship experience.

## **8005 Employability Skills**

- **No Prerequisites**
- **Semester Course**
- **Offered Grades 9 – 10**
- **1/2 Credit**

The vast majority of employers value professional skills such as effective communication, time management, and problem solving just as much if not more than technical

and interpret career and workplace issues. Students will demonstrate how academic achievement influences personal and career growth, learn conflict resolution techniques and apply social skills that lead to healthy, caring and responsible citizenship and effective school, career and family relationships.

skills in a potential job candidate. Employability skills can often make the difference for an individual’s long-term job retention, promotion and career success. This online course delivers a comprehensive program that provides the training the student needs to achieve their career goals.

## **8015 Advanced Manufacturing**

- **No Prerequisites**
- **Single Semester**
- **Offered Grades 10 – 12**
- **1/2 Credit**

This introduction to Manufacturing and the career pathways in the manufacturing industry will lead students to an exploration of what manufacturing involves. Students will work their way through an overview of the industry which will include important factors in manufacturing, the manufacturing process, how manufacturing has changed over the years, popular local

industries, and future growth areas. They will also take a look at the wide variety of jobs and their related educational requirements in the manufacturing sector.

### **8025 Healthcare**

- **No Prerequisites**
- **Single Semester**
- **Grades 10 – 12**
- **1/2 Credit**

This introduction to Healthcare and the career pathways in the field will lead students to an exploration of what Healthcare involves and the many settings in which healthcare is provided. Students will work their way through an overview of the field which will include important factors in healthcare, the variety of healthcare delivery systems, how healthcare has changed over the years, and future growth areas. They will also take a look at the wide variety of jobs and their related educational requirements in the Healthcare sector

### **8035 Information Technology**

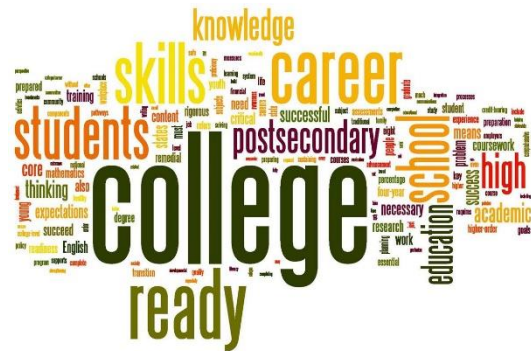
- **No Prerequisites**
- **Single Semester**
- **Offered Grades 10 – 12**
- **1/2 Credit**

This introduction to Information Technology and the career pathways in the field will lead students to an exploration of what Information Technology involves and the many settings and careers which are found in this field. Students will work their way through an overview of the field which will include descriptions of the types of work done in this area, the variety of businesses and industries dependent on trained employees in this field, and future growth areas. They will also take a look at the wide variety of jobs and their related educational requirements in the Information Technology sector.

### **8045 Aviation**

- **No Prerequisites**
- **Single Semester**
- **Offered Grades 10 – 12**
- **1/2 Credit**

This introduction to Aviation and the career pathways in the field will lead students to an exploration of what this field involves. Students will work their way through an overview of the field which will include descriptions of the types of work done in this area, important factors in aviation, the variety of businesses and industries dependent on trained employees in this field, and future growth areas. They will also take a look at the wide variety of jobs and their related educational requirements in the Aviation sector.



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# ***FAMILY AND CONSUMER SCIENCES***

<u>Course Name</u>	<u>Length</u>	<u>Grade Level</u>	<u>Prerequisite</u>	<u>Credit</u>
Healthy and Safe Foods	Semester	6-8	None	None
Healthy Living	Semester	6-8	None	None
Introduction to Hospitality and Tourism	Semester	7-9	None	None
Child Development	Semester	10 - 12	None	.5
Culinary Serve Operations 1	Semester	9-12	None	1.0
Culinary and Food Service Operations II	Semester	10-12	Introduction to Hospitality and Tourism	1.0
Restaurant Management	Semester	10-12	Intro to Hospitality and Tourism, Culinary Service Operations I	1.0
Catering and Banquet Service Operations	Semester	11-12	Intro to Hospitality and Tourism, Culinary Service Operations I	1.0
Contemporary Cuisine	Semester	11-12	Catering and Banquet Service Operations	1.0
Baking and Pastry Arts	Semester	11-12	Culinary Service Operations I	0.5
Dining Room Service and Operations	Semester	11-12	Introduction to Hospitality and Tourism, Culinary Service Operations I	1.0

***All Fees listed are 2018 - 2019 fees and are subject to change without notice.***

### **6335 Healthy and Safe Foods**

- **No Prerequisites**
- **Single Semester Course**
- **Offered Grades 6-8**
- **½ Credit**

Students will learn about the cultural and social factors that influence body weight and healthy lifestyles and develop practical problem solving skills that address these issues. Students will also demonstrate safe food-handling practices related to food-borne pathogens and kitchen environments. Cooking at home is required after each lab.

### **6345 Healthy Living**

- **Prerequisites: Healthy and Safe Foods**
- **Single Semester Course**
- **Offered Grades 10 - 12**
- **1/2 Credit**

Students will continue to identify the factors that influence their choices in maintaining a healthy lifestyle. They will also learn time management and decisions making skills and learn how peer pressure and multicultural awareness relate to educational, work, and family goals that sustain productive and meaningful lifestyles.

### **6325 Child Development**

- **No Prerequisite**
- **Single Semester Course**
- **Offered Grades 10-12**
- **½ Credit**

Child Development offers the opportunity to develop a positive understanding of the healthy growth and development of children. Prominent theories of child psychology will be studied.

### **6405 Introduction to Hospitality and Tourism**

- **Single Semester Course**
- **Offered Grades 7-9**

Students will design and manage catering and banquet operations. They will recommend types of food functions and food and beverage services to clients, create menus for special occasions and events, and determine financial requirements. Students will hire, train, and supervise staff; manage event logistics, operations and service providers; and oversee dining room operations.

Customer service, food, equipment and site safety, and high volume food production will be addressed. **Required for pathway credential.**  
**OFFERED 2019-2020..**

### **6415 Culinary Serve Operations 1**

- **No Prerequisite**
- **Single Semester Course**
- **Offered Grades 9-12**
- **1 Credit**
- **Fee = \$30.00**

Students will prepare food products and beverages according to standardized recipes they will apply plating and presentation principles to deliver attractive menu items, establish food specifications and prep lists, and develop ingredient and portion control guides. Safety and sanitation, standard knife skills, and culinary math will be emphasized. Employability skills, leadership and communication will also be incorporated.

### **6425 Culinary and Food Service Operations II**

- **Prerequisites: Introduction to Hospitality and Tourism**
- **Single Semester Course**
- **Offered Grades 10-12**
- **1 Credit**

This second course in the career pathway sequence introduces students to the specific operations of food preparation in a variety of settings such as restaurants, hospitals, and schools and prepares them for the skill development required in food preparation and presentation. **Required for pathway credential.**  
**OFFERED 2019-2020.**

### **6435 Restaurant Management**

- **Prerequisites: Introduction to Hospitality and Tourism, Culinary Service Operations I**
- **Single Semester Course**
- **Offered Grades 10-12**
- **1 Credit**

Students will apply management principles to plan, organize, and direct restaurant staff toward a goal achievement. They will hire, train, and supervise employees; establish processes to facilitate restaurant achievement. They will hire, train, and supervise employees; establish processes to facilitate restaurant operations; and plan and design menus. Students will also

forecast and schedule food production, establish food specifications, select vendors, calculate costs, and purchase food and non-food products. Other topics include food science, nutritional analysis, business law and ethic, economics and marketing. **Required for pathway credential.**

### **6445 Catering and Banquet Service Operations**

- **Perquisites: Intro to Hospitality and Tourism; Culinary Service Operations I**
- **Single Semester Course**
- **Offered Grades 11-12**
- **1 Credit**

Students will design and manage catering and banquet operations. They will recommend types of food functions and food and beverage services to clients, create menus for special occasions and events, and determine financial requirements. Students will hire, train, and supervise staff; manage event logistics, operations and service providers, and oversee dining room operations. Customer service, food equipment and site safety, and high volume food production will be addressed. **Required for pathway credential. OFFERED 2019-2020**

### **6455 Contemporary Cuisine**

- **Perquisites: Catering and Banquet Service Operations, Culinary Service Operations II**
- **Offered Grades 11-12**
- **1 Credit**

Students will prepare regional and international food products and beverages according to standardized recipes. They will research and develop marketable new recipes, plan and design menus, and calculate food requirements and costs. Selection, use, maintenance and storage of commercial equipment, machines, tools, and tableware will be emphasized. Food Science, inventory management, food presentation, and safety and sanitation will also be addressed. **Offered 2019-2020.**

### **6465 Baking and Pastry Arts**

- **Perquisites: Culinary Service Operations I**
- **Single Semester Course**
- **Offered Grades 11-12**
- **0.5 Credit**

Students will apply food-science principles to prepare and bake breads, desserts and pastries. They will also use specialized decorating and presentation techniques to decorate cakes, cookies, pastries, and other baked goods. Students will select quality ingredients, determine food costs, and research and develop marketable new recipes and food concepts. Personal Safety, food safety, and equipment safety will be emphasized. **Required for pathway credential. OFFERED 2019-2020**

### **6475 Dining Room Service and Operations**

- **Perquisites: Introduction to Hospitality and Tourism, Culinary Service Operations I**
- **Single Semester Course**
- **Offered Grades 11-12**
- **1 Credit**

Students will apply strategies and techniques to identify and meet dining guest needs. They will provide table and beverage service; maintain eating areas, meeting spaces and serving stations; manage online reservations and orders; and monitor table turns, wait lines and table assignments. Nutritional analysis, communications will also be addressed. **OFFERED 2019-2020**





## TROTWOOD MADISON CITY SCHOOLS CAREER PATHWAY

**PRIMARY PATHWAY: Hospitality and Tourism**  
**SECONDARY PATHWAY: Culinary Arts**

<b>MIDDLE SCHOOL</b>	<b>Grade 6</b>	English 6	Math 6	Science 6	Social Studies 6	Career Exploration/Music	Phys Educ / Health	
	<b>Grade 7</b>	English 7	Math 7	Science 7	Social Studies 7	<b>Intro to Hospitality / Personal Financial Management</b>	Intro to Span/ Intro to French	
	<b>Grade 8</b>	English 8	Math 8	Science 8	Social Studies 8	<b>Art 1/ Healthy &amp; Safe Foods</b>	Phys Educ / Music	
<b>HIGH SCHOOL</b>	<b>Grade 9</b>	English 9	Trans. to H. S. Math or Algebra 1	Phys. Science	World History	Composition 9	<b>Fundamentals of Food Production</b>	<b>Intro to Hospitality / Phys Ed.</b>
	<b>Grade 10</b>	English 10	Algebra 1 or Geometry	Biology	American History	Composition 10	<b>Restaurant Management</b>	<b>Health */ Phys Ed</b>
	<b>Grade 11</b>	English 11	Geometry or Algebra 2	Chemistry	American Government	Personal Finance/ Accounting	<b>Culinary Service Operations</b>	Fine Art/elective
	<b>Grade 12</b>	English 12	Algebra 2 or Modeling or	<b>Catering and Banquet Service Operations</b>	<b>Baking and Pastry Arts/</b> elective	<b>Courses at Sinclair towards Dietary</b>	<b>Manager, Food Service Management</b>	<b>Or Bakery Specialist Certificates</b>

**BLUE – PATHWAY**

**RED – SINCLAIR COURSES**

# ***FOREIGN LANGUAGE***

<u>Course Name</u>	<u>Length</u>	<u>Grade Level</u>	<u>Prerequisite</u>	<u>Credit</u>
French I	Year	9-12	Yes	1.0
French II	Year	10-12	Yes	1.0
French III	Year	11-12	Yes	1.0
French IV	Year	12	Yes	1.0
MS World Language (Intro to Spanish)	Year	6/7	No	
Spanish I	Year	8-12	Yes	1.0
Spanish II	Year	10-12	Yes	1.0
Spanish III	Year	11-12	Yes	1.0
Spanish IV	Year	12	Yes	1.0

*All Fees listed are 2018-2019 fees and are subject to change without notice.*

## **6510 French I**

- **Prerequisite: 2.0 or Higher G.P.A. in Language Arts Courses**
- **Year-Long Course**
- **Offered Grades 9-12**
- **1 Credit**
- **NCAA Core Course**

French I is an introduction to the language and culture of the French-speaking world. Acquire basic proficiency in speaking, listening, reading and writing as you learn to communicate in French in simple, real-life situations. Learn about the rich, diverse cultures of French-speaking people from different parts of the world and what they have contributed to humankind.

## **6520 French II**

- **Prerequisite – French I**
- **Year-Long Course**
- **Offered Grades 10-12**
- **1 Credit**
- **NCAA Core Course**

French II extends the development of proficiency in speaking, listening, reading and writing beyond the basic level as you continue to learn to

communicate in French in a greater variety of real-life situations. The cultures and histories of countries that make up the French-speaking world are explored in more depth through hands-on activities, videos and projects.

## **6530 French III**

- **Prerequisite – French II**
- **Year-Long Course**
- **Offered Grades 11-12**
- **1 Credit**
- **NCAA Core Course**

French III refines and further develops proficiency in speaking, listening, reading and writing as you acquire the language skills necessary to communicate in a variety of increasingly more complex situations. The cultures and history of countries that make up the French-speaking world are explored in more depth through hands-on activities, videos and projects.

### **6540 French IV**

- **Prerequisite – French III**
- **Year-Long Course**
- **Offered Grades 12**
- **1 Credit**
- **NCAA Core Course**

French IV emphasizes the development of a high level of proficiency in speaking, listening, reading and writing as you hone the language skills necessary to communicate in a wide range of complex situations. Explore the cultural beliefs, products and practices of French-speaking people through the use of authentic media such as literature, music, art, theater and cinema.

### **MS World Language (Intro to Spanish)**

**Grades: 6-7**

A middle school courses designed to introduce the student to everyday communication skills in a world language and culture (Spanish). (Needs changed in Course proposal and approved by CRC, prior to printing)

### **6610 Spanish I**

- **Prerequisite: 2.0 or Higher G.P.A. in Language Arts Courses**
- **Year-Long Course**
- **Offered Grades 9-12**
- **1 Credit**
- **NCAA Core Course**

This course is an introduction to the Spanish language and culture of the Hispanic world. All four language skills will be developed. Speaking and listening will be the focus of class work, while the skills of reading and writing are practiced through regular homework and memorization assignments. The content focus of the course is vocabulary, basic grammar, and cultural information.

### **6620 Spanish II**

- **Prerequisite – Spanish I**
- **Year-Long Course**
- **Offered Grades 10-12**
- **1 Credit**
- **NCAA Core Course**

This course is a continuation of Spanish I and the acquisition of the four basic language skills of listening, speaking, reading, and writing; focusing on the latter two. Much of class time is

spent on oral and written drill as well as cultural projects and interactive activities.

### **6630 Spanish III**

- **Prerequisite – Spanish II**
- **Year-Long Course**
- **Offered Grades 11-12**
- **1 Credit**
- **NCAA Core Course**

Spanish III is a continuation of previous Spanish courses and the acquisition of the four basic language skills of listening, speaking, reading, and writing. This course provides authentic language and cultural experiences through a variety of projects and a minimum of seven hours of community service at the Dayton International Festival Inc.'s, Worlds A'Fair. Students in Spanish III and IV are required to create work as docents of the fair's Mexico booth. Much of this course will be conducted in Spanish, with the emphasis on improving oral and written language skills.

### **6640 Spanish IV**

- **Prerequisite – Spanish III**
- **Year-Long Course**
- **Offered Grades 12**
- **1 Credit**
- **NCAA Core Course**

Spanish IV is a continuation of previous Spanish courses and the acquisition of the four basic language skills of listening, speaking, reading, and writing. This course provides authentic language and cultural experiences through a variety of projects and a minimum of seven hours of community service at the Dayton International Festival Inc.'s, Worlds A' Fair. Students in Spanish III and IV are required to create work as docents of the fair's Mexico booth. Spanish IV students are also required to serve an additional four hours of service in an area of their choice which incorporates Spanish language or culture. Students may also design a service project as part of their classroom experience with teacher approval. Much of this course will be conducted in Spanish, with the emphasis on improving oral and written language skills.

# ***HEALTH AND PHYSICAL EDUCATION***

<u>Course Name</u>	<u>Length</u>	<u>Grade Level</u>	<u>Prerequisite</u>	<u>Credit</u>
MS Health	Semester	6-8	None	
MS Physical Ed.	Semester	6-8	None	
Health (Summer Bridge Option for 8 <sup>th</sup> grade students)	Semester	8-12	None	.50
General Physical Ed.	Semester	9 - 12	None	.25
Aquatics Program	Semester	9-12	None	.25
Lifeguarding	Semester	10 – 12	Aquatics I	.25
Strength Training	Semester	9 - 12	None	.25
Cross Fit	Semester	9 - 12	None	.25

*All Fees listed are 2018-2019 fees and are subject to change without notice.*

## MS Health

### Grades: 6-8

The Middle School health education curriculum help students to understand the relationship of nutrition to good health, the harmful effects of using drugs, alcohol, and tobacco, venereal disease education as well as dating violence prevention.

- Knows the implications and the benefits of involvement in various types of physical activities;
- Participates regularly in physical activity;
  - Is physically fit;
  - Values physical activity and its contributions to a healthful lifestyle.

## MS Physical Ed.

### Grades: 6-8

The goal of physical education is to develop physically literate individuals who have the knowledge, skills and confidence to enjoy a lifetime of healthful physical activity.

To pursue a lifetime of healthful physical activity, a physically literate individual:

- Has learned the skills necessary to participate in a variety of physical activities;



## **7005 Health**

- **No Prerequisites**
- **Single Semester Course**
- **Offered Grades 9-12**
- **½ Credit**

Explore a variety of physical, emotional, and social health topics. Everyone can develop a healthy lifestyle and improve health. Find out how.

- Summer Bridge option for incoming 8<sup>th</sup> grade students with approved application can complete their Health ½ Credit before the start of Freshmen Year

## **7115 General Physical Education**

- **No Prerequisites**
- **Semester Course**
- **Offered Grades 9-12**
- **1/4 Credit**

Each section will include team activities, individual activities, recreational or leisure activities, conditioning/fitness, games and an introduction to water safety and swimming.

## **7165 Strength Training**

- **No Prerequisites**
- **Semester Course**
- **Offered Grades 9-12**
- **1/4 Credit**

Students will learn and execute a variety of exercise techniques and routines, such as circuit training, resistance training, and agility training.

acclimation, floats, glides, kicks, front crawl, combined back stroke, breath control, rhythmic breathing, elementary back stroke, deep water comfort, water games and safety skills.

## **7145 Swimming II**

- **Prerequisite: Swimming I**
- **Semester Course**
- **Offered Grades 10-12**
- **1/4 Credit**

In this course students will further refine the front crawl and elementary back stroke and learn more intermediate and advanced swimming strokes and skills: turns, backstroke, breast stroke, side stroke, butterfly and lap swimming for fitness.

Proper use and safety of weight room equipment will also be addressed.

## **7175 Cross Fit**

- **No Prerequisites**
- **Semester Course**
- **Offered Grades 9-12**
- **1/4 Credit**

This course teaches cross fit training techniques and activities. Students will engage in kick boxing, water aerobics, Pilates, yoga, agility drills and jump rope activities and participate in the Presidential Fitness Program.

## ***AQUATICS PROGRAM***

The American Red Cross Water Safety Program provides instruction to help students of all ages and abilities develop their swimming, diving and water safety skills. It is designed to give students a positive and safe learning experience in, on, and around water. You will have the option to learn to swim, improve your swimming ability, become a certified lifeguard, and swim competitively. You will be placed by skill/experience level.

## **7135 Swimming I**

- **No Prerequisite**
- **Semester Course**
- **Offered Grades 9-12**
- **1/4 Credit**
- **Fee = \$10.00**

Introduction to water skills for non-swimmers and advanced beginning swimming skills. Water

## **7155 Lifeguarding**

- **Prerequisite: Aquatics I**
- **Semester Course**
- **Offered Grades 10-12**
- **1/4 Credit**
- **Fee: \$50.00**

This course will follow the American Red Cross Lifeguard curriculum. Students will be prepared to complete the required certification process to enable them to become lifeguards and have the opportunity to seek future jobs in lifeguard positions. This course is a specialized course that is offered to students who are at least 15, proficient in swimming and capable of completing the water and written tests.

# ***LANGUAGE ARTS***

<u>Course Name</u>	<u>Length</u>	<u>Grade Level</u>	<u>Prerequisite</u>	<u>Credit</u>
6 <sup>th</sup> Grade Language Arts	Year	6	None	
7 <sup>th</sup> Grade Language Arts	Year	7	None	
8 <sup>th</sup> Grade Language Arts	Year	8	None	
English 9/Composition 9	Year	9	None	1.0/1.0
Honors English 9/Hon Comp 9	Year	9	None	1.0/1.0
English 10/Composition 10	Year	10	Yes	1.0/1.0
Honors English 10/Hon Comp 10	Year	10	Yes	1.0/1.0
English 11	Year	11	Yes	1.0
Composition 11	Year	11	Yes	1.0
Honors English 11	Year	11	Yes	1.0
AP English Literature and Composition	Year	11-12	Yes	1.0
English 12	Year	12	Yes	1.0
Composition 12	Year	12	Yes	1.0
AP English Language and Composition	Year	11-12	Yes	1.0
Advanced Composition	Semester	11-12	Yes	.5
Creative Writing	Semester	10-12	Yes	.5
Multicultural Literature	Semester	10-12	No	.5
Mystery and Crime in Literature	Year	10-12	No	1.0
Speech Communication	Semester	9-12	No	.5
Survey of African American Literature	Semester	10-12	Yes	.5
Reading Lab	Semester	9-12	None	.5
Drama	Semester	9 - 12	No	.5
Journalism	Year	9-12	No	1.0
CCP Effective Public Speaking	Semester	9-12	Yes	1.0 HS

*All Fees listed are 2018-2019 fees and are subject to change without notice.*

## 6th Grade Core (English Language Arts)

The 6th grade core curriculum is standards based and taught in a three period time block that blends the content of English Language Arts and History. The courses are taught by one teacher and provide a transition from elementary to middle school. Through the writing process, students learn explicit strategies to help them find meaningful subjects to write about. In addition, they learn ways to structure their

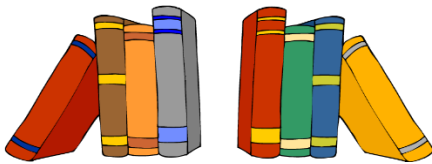
writing, revise, edit and publish. They also learn spelling strategies and proper conventions. Students discover meaning in literature and history by connecting their reading to personal experiences and prior knowledge. The English Language Arts program includes comprehension strategies in fiction and non-fiction and an exploration of genres.

## **7th Grade Core (English Language Arts)**

The 7th grade core curriculum is standards based and taught in a two period time block, which blends the content of English and history-social science, reinforcing the reading, writing, and analytical-cognitive skills necessary for both. Skills in reading, writing, speaking, and listening

## **8th Grade Core (English Language Arts)**

The 8th grade core curriculum is standards based and taught in a two period time block, which blends the content of English and history-social science, reinforcing the reading, writing, and analytical-cognitive skills necessary to both. Course content includes a study of novels, poetry, and state writing types integrated with the study and research skills necessary for analysis.



## **0900 English 9/0950 Composition 9**

- No Prerequisites
- Year Course
- Offered Grade 9
- 1 Credit each
- Fee = \$20.00
- NCAA Core Course

Based on Ohio standards, these courses continue to develop higher levels of reading, writing, listening, speaking, and critical thinking skills. You will read a variety of informational text and works of literature, including short stories, novels, and plays. You will use your own experiences, classroom readings, and published sources for subject matter to further develop writing skills. Basic writing includes the five paragraph essay and responding to a variety of writing prompts

## **0960 Honors English 9/0970 Honors Composition 9**

- By recommendation only
- Year Course
- Offered Grade 9
- 1 Credit for each

are taught in the context of literature and medieval history studies. The English curriculum includes reading comprehension, literary analysis, and instruction in several standards-based writing types, including summary, persuasive, narrative and response to literature. Spelling, vocabulary, and grammar are also included in the course of instruction.

## **LLI Reading**

**Grades: 6-8** (Administrative/ IAT Placement Only) This is a support class is an intervention to provide reading support and remediation in reading and/or writing skills. This course is taken in place of an elective

## **ELD**

### **English Language Development**

#### **(ELD)**

**Grades: 6-8**

This course is for students who have been identified as English Learners based on the Ohio English Language Proficiency Assessment (OELPA). It is designed to develop skills in listening, speaking, reading, and writing for everyday and academic purposes. Instruction focuses on communicative and academic skills based on the Ohio ELD Standards.

- Fee = \$16.00
- NCAA Core Course

If you choose to take English 9 for this status, you must meet criteria and will be required to do additional or alternative assignments at a higher level of performance than the regular curriculum.

## **1000 English 10/1050 Composition 10**

- Prerequisite – English 9
- Year Course
- Offered Grade 10
- 1 Credit each
- Fee = \$18.00
- NCAA Core Course

This course is an extension and further development of skills from English 9. Emphasis will be on critical thinking and reading skills, as well as more complex and varied writing styles. Core readings, refinement of the five-paragraph essay, and synthesis papers are basic expectations.

### **1060 Honors English 10/ 1070 Composition 10**

- Prerequisite – by recommendation only
- Year Course
- Offered Grade 10
- 1 Credit each
- Fee = \$20.00
- NCAA Core Course

If you choose to take English 10 for this status, you must meet criteria and will be required to do additional or alternative assignments at a higher level of performance than the regular curriculum.

### **1100 English 11**

- Prerequisite – English 9 & 10
- Year Course
- Offered Grade 11
- 1 Credit
- Fee = \$11.00
- NCAA Core Course

This course is an extension and further development of skills from English 10. Emphasis will be on developing more sophisticated critical thinking and reading skills, writing, and communication skills. The major focus of the class will be reading about and understanding the major stylistic periods, authors, and themes of American literature. The development of a comprehensive paper is expected.

### **1150 Composition 11**

- Prerequisite – English 9 & 10, Administrative placement
- Year Course
- Offered Grade 11
- 1 Credit

This course further develops the writing skills of students in preparation for the demands of Ohio CORE Testing, senior project and college and work readiness.

### **1160 Honors English 11**

- Prerequisite – by recommendation only
- Year Course
- Offered Grade 11
- 1 Credit
- Fee = \$20.00
- NCAA Core Course

If you choose to take English 11 for this status, you must meet criteria and will be required to do additional or alternative assignments at a higher level of performance than the regular curriculum.

### **1170 AP English Literature & Composition**

- Prerequisite- Honors English 9-10
- Year Long
- Offered Grade 11-12
- 1 Credit
- Fees: \$10.00
- NCAA Core Course

Students in AP Literature and Composition will prepare for college level thinking and writing. It adds an additional course to offer our gifted and honors students. The College Board requires all AP: Lit classes to include a diversity of literature that incorporates different genres, time periods, genders, races, and nationalities. Students will be able to connect on many levels to the readings and be exposed to different experiences beyond their own. You will be required to take the AP Literature and Composition Exam in the Spring.

### **1200 English 12**

- Prerequisite – English 9-11
- Year Course
- Offered Grade 12
- 1 Credit
- Fee = \$7.00
- NCAA Core Course

The focus is synthesizing critical language arts skills through relevant and increasingly complex tasks. Higher order skills are emphasized in more sophisticated readings and writings. You will engage in narrative, expository, and persuasive essays, a thematic synthesis paper, research paper, and composite paper. Informal and formal presentations, both individual and collaborative, will be an important element. Much of these activities and skills will support you in the development of your senior project.

*A SENIOR PROJECT IS A REQUIRED COMPONENT OF ENGLISH 12.*



### **1250 Composition 12**

- Prerequisite – English 9, 10 & 11, Administrative placement
- Year Course
- Offered Grade 12
- 1 Credit

This course further develops the writing skills of students in preparation for the demands of Ohio CORE Testing, senior project and college and work readiness.

### **1270 AP English Language & Composition**

- Prerequisite – Honors English 9-10
- Year Course
- Offered Grade 11- 12
- 1 Credit
- Fees: \$10.00
- NCAA Core Course
- **SUMMER READING AND PAPER/PROJECT REQUIRED**

The Advanced Placement program enables you to have the opportunity to pursue college studies and earn college credit. The AP Language and Composition course teaches you to become a skilled reader and writer in diverse genres and modes of composition and to critically read and respond to non-fiction, including some possible historical documents and related readings. This course will enable you to write on a variety of subjects using a number of forms, including narrative, analytical, exploratory, expository, and argumentative. You will become aware of your own composition process through self-assessment and evaluations by peers and the instructor. The skills developed in this course will prepare you for the demands of the college classroom no matter what your major and in your professional and personal lives. You will be required to take the AP English Language and Composition Exam in the Spring.

*A SENIOR PROJECT WILL BE A COMPONENT OF AP ENGLISH LANGUAGE AND COMPOSITION.*

### **1815 Advanced Composition**

- Prerequisite – English 9 & 10
- Semester Course
- Offered Grade 11
- ½ Credit
- NCAA Core Course

You must already know and apply the basic skills of writing a five-paragraph essay to be successful in this class. Writing will be expository and personal essays. You will learn how to select a topic, choose and write a clear thesis, select the correct writing mode to match your purpose, develop a personal voice and apply sophisticated writing techniques. The use of technology in research and publishing will be key components of this course. Editing, peer-editing, self-evaluation, and sharing will be part of the on-going writing process.

### **1335 Creative Writing**

- Prerequisite-English 9
- Semester Course
- Offered Grades 10-12
- ½ Credit
- NCAA Core Course

Tap your imagination and creativity through writing, and use the medium for personal exploration to find your own voice. Through class activities, you will increase reading, writing, listening, and oral communication skills and be exposed to literature from a variety of authors from a variety of backgrounds. Develop a personal portfolio of drama, short stories, poetry, and personal essays. Publishing is a focus of the class.

### **1600 Mystery and Crime in Literature**

- No Prerequisite
- Year Long Course
- Offered Grades 10-12
- 1 Credit
- NCAA Core Course

Do you love mysteries? Do you love reading mysteries? This course is a study of famous authors, cases, and detective work. You will have an opportunity to explore famous authors and cases from the early 1800's to the 20<sup>th</sup> century as you learn the importance of deductive reasoning and develop your own dramatized scenario.

### **1705 Speech Communication**

- No Prerequisite
- Single Semester Course
- Offered Grade 9-12
- ½ Credit
- NCAA Core Course

Effective communication is a critical life skill. The Speech Communication course will help you

- sharpen your public speaking skills
- overcome your fear of speaking in public
- discover how other people attempt to control and manipulate you
- learn how to have a successful interview
- effectively debate an issue
- learn how to write a speech

### **1700 Journalism**

- No Prerequisite
- Year Long Course
- Offered Grades 10-12
- 1 Full Credit

This course will provide an opportunity to learn about a different type of writing and the different ways to make this a career. Fill the requirement. This course discusses how journalists have helped various groups who have needed a voice, find said voice. It traces the history of journalism and discusses current events that touch and shape all people. Prepare for and participate effectively in a range of conversations and collaborations with diverse partners, building on others' ideas and expressing their own clearly and persuasively

### **1725 Survey of African-American Literature**

- Prerequisite – English 9
- Single Semester Course
- Offered Grades 10-12
- ½ Credit
- NCAA Core Course

Have you ever wanted to take a class that feeds the soul? Well, take a walk and listen to the whispers, shouts, and perspectives from the voices of the African-American community. This intensified course will examine the works of major African-American writers and the corresponding issues in mass cultural perspectives, with attention to a wide range of topics such as gender, racial identity, class, family, and community in fictional and non-fictional writings.

### **CC+ S8-CC+ Effective Public Speaking**

- Satisfactory Score on Sinclair Accuplacer or ACT Score for College Readiness in Reading and Writing
- Proper CCP Paper work turned into School Counselor
- Single Semester Course
- Offered 7-12
- 1 Full HS English Credit/ 3 Sinclair Community College Credits

This course is offered through Sinclair Community College's Communications Department. It is a course that is approved for the CC+/Dual Enrollment Programming for High School Students seeking College Credit in High School. Students enrolled in this course will learn to improve speaking and listening skills through the study and application of public speaking structure, content, and style.

## **1735 Drama**

- **No Prerequisite**
- **Single Semester Course**
- **Offered Grade 9-12**

process. You will be invited to do a variety of activities such as impromptu speeches, study major play writers and plays, write your own plays, design sets, apply marketing and advertising strategies, and use appropriate technology. You will be involved in in-class

- **½ Credit**

Experience the various aspects of a dramatic production from beginning to end. Learn the steps in organizing a production, follow these through to completion, and then evaluate the productions as well as productions for the school and community. Activities will include monologues, pantomimes and setting action to scripts.

# MATHEMATICS

<u>Course Name</u>	<u>Length</u>	<u>Grade Level</u>	<u>Prerequisite</u>	<u>Credit</u>
Math 6	Year	6	None	
Math 7	Year	7	None	
Pre-Algebra 7	Year	7	None	
Math 8	Year	8	None	
Transitions to High School Math	Year	9	None	1.0
Algebra I	Year	8-10	None	1.0
Geometry	Year	9-10	Yes	1.0
Honors Geometry	Year	9-10	Yes	1.0
Algebra II	Year	10-11	Yes	1.0
Honors Algebra II	Year	10-11	Yes	1.0
Pre-Calculus	Year	11-12	Yes	1.0
Honors Pre-Calculus	Year	11-12	Yes	1.0
Modeling and Quantitative Reasoning	Year	12	Yea	1.0
Honors Calculus	Year	12	Yes	1.0
AP Calculus	Year	12	Yes	1.0

*All Fees listed are 2018-2019 fees and are subject to change without notice.*

## Math 6

A rigorous grade-level course designed to provide students with a strong mathematical foundation to meet 6th Grade Common Core math standards. Areas of focus include (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking.

- Percentages
- Integers
- Rational numbers
- Expressions
- Equations and inequalities
- Geometric figures
- Area and volume
- Probability
- Statistics
- Performance tasks to develop higher order thinking skills
- Development of the “8 mathematical practices”

## Math 7

Grade 7 math is the on grade-level math course and prepares students to take future higher level math courses. Students will not only learn the math standards but will continue to develop higher order thinking skills and build fluency around the Common Core’s 8 mathematical practices. The topics addressed in this course are:

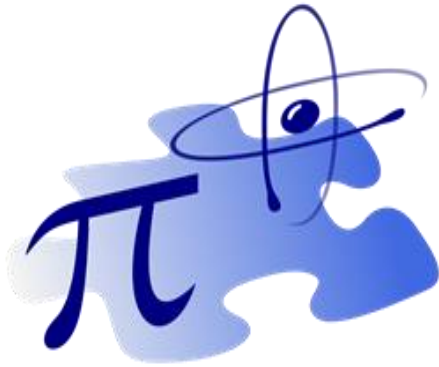
- Ratios and proportional reasoning

## Pre-Algebra 7

- **Prerequisite: Students must pass the district criteria.**

Accelerated 7 math is the first course of a two-year accelerated math program. This fast-paced course encompasses 100% of the 7th standards and 60% of the 8th grade standards. Successful students in this course are self-motivated, mathematically prepared, and demonstrate perseverance in solving complex problems. Students are expected to work at both a high

level and, due to the fast pacing of this course, learn new concepts on the first exposure. Finally, a newly adopted TMMS homework policy does apply to middle school accelerated math courses. Successful completion of this course adequately prepares students for Accelerated Algebra 1. (NOTE: Students who do not earn a C or better at the end of the semester will be placed in the appropriate on-grade level class.)



## Math 8

### 2000 Algebra I

- No Prerequisites
- Year Course
- Offered Grades 8-10
- 1 Credit
- A TI84 scientific calculator is required
- NCAA Core Course

This course will include the study of rational numbers, variables, equations, integers, polynomials, factoring, graphing, problem solving, formulas, probability and data analysis. These topics cover the objectives in the Ohio Academic Content Standards and the objectives for the Ohio End of Course exams. **Students who successfully complete Algebra I during grade 8 at Trotwood Madison Middle School will move on to Geometry or Honors Geometry.**

This course is for students who have completed Math 7. Grade 8 math is the on grade-level math course and prepares students to take future higher level math courses. Students will not only learn the math standards but will continue to develop higher order thinking skills and build fluency around the Common Core's 8 mathematical practices. The topics addressed in this course are:

- 8 · real numbers
    - Equations in one variable
    - Equations in two variables
    - Functions
    - Triangles and the Pythagorean Theorem
    - Transformations
    - Congruence and similarity
    - Volume and surface area
    - Scatter plots
    - Data analysis
    - Performance tasks to develop higher order thinking skills
    - Development of the "8 mathematical practices"
- Successful completion of this course will prepare students to take Algebra 1 in 9th grade.

### 2050 Transitions to High School Math

- No Prerequisites
- Year Course
- Offered Grade 9
- 1 Credit
- Administrative Placement
- A TI84 scientific calculator is required

This course is designed to give students opportunities to practice their skill set and increase their conceptual understanding of the mathematical concepts they may not have grasped in the past. Students who are not quite ready for a traditional Algebra I course will be given the opportunity to close gaps in mathematical knowledge required for Algebra I.

## **2100 Geometry**

- **Prerequisite – Algebra I**
- **Year Course**
- **Offered Grades 9 - 10**
- **1 Credit**
- **A TI84 scientific calculator is required**
- **NCAA Core Course**

Basic deductive logic will be taught through simple problem proofs. Your proficiency in algebra will be enhanced by emphasis on geometric applications. The topics will cover the core objectives of the Ohio Academic Content Standards and the Ohio End of Course exams.

## **2160 Honors Geometry**

- **Prerequisite – By recommendation only**
- **Year Course**
- **Offered Grades 9-10**
- **1 Credit**
- **A TI84 scientific calculator is required**
- **NCAA Core Course**

This course will cover all the topics of Geometry, as well as additional topics recommended by the Advanced Placement curriculum, to prepare you for the rigor of the Honors Calculus course.

## **2200 Algebra II**

- **Prerequisite – Algebra I, Geometry**
- **Year Course**
- **Offered Grades 10-12**
- **1 Credit**
- **The TI84 graphing calculator is required.**
- **NCAA Core Course**

This class will help you to

- Understand algebra as a study of the main structure of the system of real and complex numbers and recognize and apply techniques of algebra to problem solving
- Comprehend the function concept and its importance in mathematics
- Acquire facility in applying algebraic concepts and developing those skills
- Grasp the concept of deductive reasoning
- Appreciate the need for precision of language.

The class will also cover any topics not included in Algebra I and Geometry that are addressed on appropriate Ohio Academic Content Standards.

## **2260 Honors Algebra II**

- **Prerequisite – Algebra I, Geometry & by recommendation only**
- **Year Course**
- **Offered Grades 10-11**
- **1 Credit**
- **The TI84 graphing calculator is required**
- **NCAA Core Course**

This course will cover all the topics in the Algebra II class in addition to vectors and transformations. You will also study additional topics recommended by the Advanced Placement curriculum to prepare you for the rigor of the Honors Calculus course.

## **2350 Modeling and Quantitative Reasoning**

- **Prerequisite – Algebra II**
- **Year Course**
- **Offered Grade 12**
- **1 Credit**
- **The TI84 graphing calculator is required.**
- **NCAA Core Course**

An alternative to Pre-Calculus, this course will focus on uses of percent, statistics and probability, functions and their graphs, multiple representations of data and data analysis, and geometry. It will prepare students for college placement exams and 100 level college/university courses. Student projects will be incorporated throughout the course to explore data and to determine which function best represents the data. These projects will be done individually or in groups and should require collecting data, analyzing data, and presenting results to the class. Technology will be an important tool for students to use in their investigations, presentations, and predictions.

### **2370 Pre-Calculus**

- **Prerequisite – Algebra II**
- **Year Course**
- **Offered Grades 11-12**
- **1 Credit**
- **The TI84 graphing calculator is required.**
- **NCAA Core Course**

If you plan post-secondary study, this class is a necessity! Pre-Calculus covers trigonometric functions in degrees, circular function, solving triangles, vectors, graphing functions using graphing calculators, and emphasizes real-world application. The course also covers the analysis topics of matrices, multivariable systems, parametric equations, polar coordinates, and infinite series.

### **2360 Honors Pre-Calculus**

- **Prerequisite – Algebra II**
- **Year Course**
- **Offered Grades 11- 12**
- **1 Credit**
- **The TI84 graphing calculator is required.**
- **NCAA Core Course**

This course will cover all areas of the Pre-Calculus class and topics of discrete mathematics, limits, derivatives, and any other topics recommended by the AP curriculum.

### **2300 Honors Calculus**

- **Prerequisite – Pre-Calculus**
- **Year Course**
- **Offered Grade 12**
- **1 Credit**

- **The TI-84 graphing calculator is required. A more sophisticated graphing calculator is acceptable.**
- **NCAA Core Course**

Calculus is an entry level math course that many colleges require for much of their technical, science, and math related majors. This course enables you to gain much of this knowledge before going to college. The course includes topics from algebra, trigonometry, and analytic geometry (rectangular coordinates, equations and graphs, lines and conics.).

### **2380 AP Calculus**

- **Prerequisite – Pre-Calculus**
- **Year Course**
- **Offered Grade 12**
- **1 Credit**
- **The TI-84 graphing calculator is required. A more sophisticated graphing calculator is acceptable.**
- **NCAA Core Course**

The Advanced Placement program enables you to have the opportunity to pursue college credit studies and earn college credit. The course includes topics from algebra, axiomatic geometry, trigonometry, and analytic geometry (rectangular and polar coordinates, equations and graphs, lines and conics.). At the end of the year, you will take the AP Calculus exam.

# ***MUSIC AND PERFORMING ARTS***

<u>Course Name</u>	<u>Length</u>	<u>Grade Level</u>	<u>Prerequisite</u>	<u>Credit</u>
Dance	Semester	7-8	None	
Music/ Band	Year	6-8	None	
Mixed Chorus/ Gen. Music	Year	6-8	6 <sup>th</sup> is based on scheduling	
American Music	Semester	9-12	None	.5
Theatre I/ Theatre II	Semester	9-12	None	.5
Choir I/ Choir II	Semester	9-12	None	.5
Singers I/ Singers II	Semester	10-12	Yes	.5
Beginning Piano	Semester	9-12	None	.5
Piano II	Semester	9-12	Yes	.5
Band	Semester	9 - 12	None	.5
Instrumental Music	Semester	9 - 12	None	.5
Advanced Band	Semester	10-12	Yes	.5
Advanced Instrumental Music	Semester	10-12	Yes	.5
Brass	Year	9-12		1.0
Woodwinds	Year	9-12		1.0
Percussion	Year	9-12		1.0
Music Technology	Year	9-12		1.0
Music Theory	Year	9-12		1.0

*All Fees listed are 2018-2019 fees and are subject to change without notice.*

## **Dance - Semester**

### **Grades: 7-8**

This is a beginning level dance elective. The course includes training in basic dance techniques and an introduction to a variety of dancing styles. Students will be expected to perform and choreograph routines in class.

## **Drama**

### **Grades: 7-8**

Students work together collectively to create complex characters, develop well-structured storylines, augment acting skills, and give dramatic expression to their original ideas. The course focuses on structured group work,

improvisation, character development, voice and speech training, analysis and interpretation of dramatic literature, and individual growth as a performer. In addition, students will explore past and present dramatic traditions and practices in various cultures and become familiar with stage terminology and acting conventions. This class may require after school rehearsals and performances.

## **Music/Band**

### **Grades: 6-8**

Students will learn to: Analyze, practice and perform a musical selection independently or collaboratively with technical accuracy and expression. Read, write, improvise and describe



music using standard musical notation and vocabulary. Apply problem-solving and critical thinking skills to music listening and performing by adapting music to fit the context, story, setting and medium. Classify and describe composers and historical musical periods, including classical, popular and traditional American music and musical and cultural blends. Compare and contrast ways that the subject matter in musical selections relates to other disciplines. Expand the use of technology and the media arts through music research, composition and performance.

### **Mixed Chorus/Gen. Music**

**Grades: 7-8 (also available to 6th graders if scheduling permits)**

This class is open to all students who are interested in learning how to sing. Auditions are not required and no prior experience is necessary. Students will learn basic techniques to improve their voices, note and rhythm reading, performance skills, and self-confidence. A wide variety of music will be performed. Participation in regularly scheduled performances is mandatory and formal performance attire is required.

### **7500/7510 Music Theory I and II**

- No Prerequisite
- Year Long Course
- Offered Grades 9- 12
- 1/2 Credit Over Two Semesters

Formally known as “American Music” is a general music elective open to any high school student. The course focuses on establishing a general knowledge of how music works. You will hear representative selections from and learn about topics ranging from the theory of music, families of instruments, history of jazz, and the history of hip-hop.

### **7610 Choir I/7615 Choir II**

- No Prerequisite
- Year Long Course
- Offered Grade 9 – 12
- 1/2 Credit Over Two Semesters

Choir is for entrance level singers. Basics of singing and musicianship will be covered. This is the training ground for vocal skills necessary for participation in other choirs. Attendance at performances is required.

### **7700 Singers I /7710 Singers II**

- Prerequisite – Audition Required
- Year Long Course
- Offered Grades 10-12
- 1 Credit

This elite group performs a variety of music, incorporating movement in their performances. Strong vocal and dance skills are necessary. Attendance at performances is required.

### **TO ALL BAND STUDENTS**

**Marching Band is the focus of 1st quarter. The Marching Band season begins with summer band camp during July and August. The Band performs at football games, in band competitions and parades. Required practices take place after school Monday through Thursday with football game performances on Friday evenings.**

**The remainder of the academic year focus is on concert preparation. After school practices continue to be held Monday thru Thursday. Activities include winter and spring concert performances and mandatory Pep Band performances at some home basketball games.**

### **7805/7815 Band/Instrumental Music**

- Prerequisite – Audition Required
- Year-Long Course
- Offered Grades 9-10
- 1/2 Credit Over Two Semesters

This is an intermediate-advanced band course. Our study will include melodic and rhythm patterns, major, minor, and pentatonic scales, and melodies. We will also perform a variety of works on a larger scale. Students will also be required to participate in all music ensembles including marching, pep, and concert bands.

### **7955 Beginning Piano**

- No Prerequisite
- Single Semester Course
- Offered Grades 9-12
- ½ Credit

This is a piano and keyboard techniques class for any student with a serious interest in learning piano and keyboard skills. Music is easier to compose, arrange, and understand if you have a basic knowledge of piano and/or keyboard skills.

If you wish to pursue music, this class provides an introduction as well as a foundation for musical creativity and recreation.

### **7965 Piano II**

- **Prerequisite: Beginning Piano**
- **Single Semester Course**
- **Offered Grades 9-12**
- **½ Credit**

This follow up class to Beginning Piano will offer further instruction to students who wish to develop their knowledge and skills. Students will learn song structure, chord progressions, and accompaniment styles as well as focus on more traditional pieces of music.

### **7900 Theatre I/7910 Theatre II**

- **No Prerequisite**
- **Single Semester Course**
- **Offered Grades 9-12**
- **1/2 Credit**

In Drama, we explore the basics of theatrical performance and everything it takes to put on a production. Students learn hands-on acting techniques as well as the ins and outs of the performance industry. Students who take this course will be required to participate in performance-based assessments throughout the course. Theatre II is open to students who want to participate in a second semester of the same course.

**(Actively working with teacher to write course proposal year)**



### **7825 /7835 Advanced Band/Advanced Instrumental Music**

- **Prerequisite-Must be Current Member of Marching Band/Concert Band and completed INTRO TO BAND/and Instrumental Music**
- **Offered 10-12**
- **1/2 Credit Over Two Semesters**

This is an advanced band course. Our study will include melodic and rhythm patterns, major, minor, and pentatonic scales, and melodies. We will also perform a variety of works on a larger scale. Students will also be required to participate in all music ensembles including marching, pep, and concert bands.

### **7850 Music Technology**

- **No Prerequisite**
- **Full Year Course**
- **Offered Grades 9-12**
- **1 Full Credit**

The rationale for this course shall be to offer a music course that will foster musical engagement for the non-performing music student. With that being started, a music technology class can cater to the individual interest of each student. Simultaneously, students will learn how to utilize technology to create music that aligns with their interests. This course will also align directly with the following Ohio State standards of music education:

### **7860 Woodwinds**

- **No Prerequisite**
- **Full Year Course**
- **Offered 9-12**
- **1 Full Credit**

This course will allow students with an appreciation for music to expand on those interests through WOODWINDS Instruments. For some students, it might lead to a career interest. Many colleges and universities offer music as a major. An excellent way to support that goal and achieve that future success is to engage students through the kinesthetic learning environment of a woodwinds methods course.

### **7870 Brass**

- **No Prerequisite**
- **Full Year Course**
- **Offered 9-12**
- **1 Full Credit**

This course will allow students with an appreciation for music to expand on those interests through BRASS Instruments. For some students, it might lead to a career interest. Many colleges and universities offer music as a major. An excellent way to support that goal and achieve that future success is to engage students through the kinesthetic learning environment of a brass methods course.

### **7880 Percussion**

- **No Prerequisite**
- **Full Year Course**
- **Offered 9-12**
- **1 Full Credit**

This course will allow students with an appreciation for music to expand on those interests through BRASS Instruments. For some students, it might lead to a career interest. Many colleges and universities offer music as a major. An excellent way to support that goal and achieve that future success is to engage students

# ***SCIENCE***

<u>Course Name</u>	<u>Length</u>	<u>Grade Level</u>	<u>Prerequisite</u>	<u>Credit</u>
Science 6	Year	6	None	
Science 7	Year	7	None	
STEM	Semester	7	None	
Science 8	Year	8	None	
Earth Science	Year	9	None	1.00
Physical Science	Year	9	None	1.0
Biology I	Year	10-12	No	1.0
Honors Biology I	Year	10-12	No	1.0
AP Biology	Year	10-12	No	1.0
Chemistry I <sup>1</sup>	Year	11-12	Yes	1.0
Honors Chemistry I <sup>1</sup>	Year	10 - 11	Yes	1.0
AP Chemistry	Year	10-12	Yes	1.0
Environmental Science	Year	11- 12	None	1.0
Anatomy/Physiology <sup>1,2</sup>	Year	11-12	Yes	1.0
Physics <sup>1,2</sup>	Year	11-12	Yes	1.0
Honors Physics <sup>1,2</sup>	Year	11-12	Yes	1.0
Materials Science and Technology <sup>1</sup>	Year	11 – 12	Yes	1.0

<sup>1</sup> *Advanced Science Elective*

<sup>2</sup> *Can be taken at the same time. Students interested in pursuing careers in the health professions or in other science related fields should consider taking both.*

***All Fees listed are 2018-2019 fees and are subject to change without notice.***

## **Science 6**

The focus of eighth grade science is physical science in accordance with Ohio science content standards. This course covers units including chemistry, physics, astronomy, and individual investigation and experimentation. Basic problem-solving skills, scientific inquiry and the use of general laboratory equipment will be emphasized.

## **Science 7**

The focus of seventh grade science is life science in accordance with Ohio science content standards. Included in this curriculum are cell

biology, genetics, evolution and structure and function of living things. Also included are earth and life history and physical principles of living systems. In their study of cell biology, students will learn cell structure and function.

## **SCIENCE 21st Century Design (STEM)**

**Grades: 7-8**

This course offers students the opportunity to use their creativity to design solutions to some of our global problems. Students will design suitable landscapes in response to an ever-changing

climate as global warming has become a reality. Students will decide how kids in even the poorest countries will have access to plenty of food, clean water and medical care. Students will create space modules for human occupation as competition for space and resources on Earth intensifies. They will create energy efficient cities, buildings and/or vehicles. Students will use everyday tools and equipment to engineer models of some of their designs. This course also gives students the opportunity to hone their business skills. By collaborating with other

## **Science 8**

students and using their public speaking skills to “pitch” their ideas, students will try to persuade their classmates that their particular design should be selected for implementation.

### **3000 Physical Science**

- **No Prerequisite**
- **Year Long Course**
- **Offered Grade 9**
- **1 Credit**
- **NCAA Core Course**

Students in Physical Science will study matter, energy, force and motion. They will explore the universe and discover how stars and planets came to be. They will learn the basics of how our physical world came to be and how and why it changes.

### **3030 Environmental Science**

- **No Prerequisite**
- **Year Long Course**
- **Offered Grade 11 - 12**
- **1 Credit**
- **NCAA Core Course**

Environmental Science introduces students to a wide variety of environmental issues that pertain to water, land and the atmosphere. This foundational course exposes students to lab techniques which include water and soil sampling and cultures. An exploration of related career fields in water operation, renewable energy, conservation and environmental law and regulation will also be addressed.

The focus of sixth grade science is Earth science in accordance with Ohio science content standards. Included in this curriculum are the earth’s structures, plate tectonics, the shaping of the earth’s surface and energy in the earth’s system. In the study of plate tectonics and earth structure, students learn that plate tectonics accounts for important features of the earth’s surface and major geologic events. Student study many phenomena on the earth’s surface and in the atmosphere that are affected by the transfer of energy through radiation and convection currents. Physical science is integrated through the study of the flow of heat energy. Life science is integrated through the study of ecosystems.

### **3050 Earth Science**

- **No Prerequisite**
- **Year Long Course**
- **Offered Grade 9**
- **1 Credit**
- **NCAA Core Course**

Earth Science is the science that focuses on planet Earth and its place in the universe. Throughout the year we will focus on the following big ideas: the structures of Earth’s systems, Earth’s history, and Earth in the solar system.

### **3100 Biology I**

- **No Prerequisite**
- **Year Long Course**
- **Offered Grade 10**
- **1 Credit**
- **NCAA Core Course**

The emphasis in Biology is on Life Science indicators. Topics studied include: cellular processes, genetics, food webs, biological classification, and evolutionary theory. Scientific inquiry and scientific ways of knowing will be integrated into the course.

### **3160 Honors Biology I**

- **No Prerequisite**
- **Year Long Course**
- **Offered Grades 10**
- **1 Credit**
- **NCAA Core Course**

An in-depth study of the plant and animal kingdoms, in particular how they are different and how they are alike. Special emphasis is placed on types of reproduction and basic structure. Other areas studied include cells, heredity, microbiology, man and ecological

relationships. This course will move quickly, covering Biology I material in greater depth. It is designed for those students who are preparing for the AP curricular path.

### **3200 Chemistry I**

- **Prerequisite – Biology I and Algebra I (May be taken with Biology with department approval)**
- **Year Long Course**
- **Offered Grades 10- 12**
- **1 Credit**
- **A scientific calculator is required for this course**
- **Advanced Science Elective**
- **NCAA Core Course**

Chemistry in the Community covers introductory chemistry as it relates to every-day topics such as water, resources and petroleum. Topics will include solutions, bonding, chemical reactions, stoichiometry, redox reactions and gas laws.

### **3260 Honors Chemistry I**

- **No Perquisite**
- **Year Long Course**
- **Offered Grades 10- 12**
- **1 Credit**
- **A scientific calculator is required for this course**
- **Advanced Science Elective**
- **NCAA Core Course**

This will be a traditional chemistry course designed for students who plan on taking AP science courses later in their high school career. Topics covered will include measurement, the structure and properties of matter, bonding theory, types of chemical reactions, stoichiometry, acids and bases, kinetics and gas laws.

### **3300 Human Anatomy and Physiology**

- **Prerequisite – Biology I and Chemistry I**
- **Year Long Course**
- **Offered Grade 10 - 12**
- **1 Credit**
- **Advanced Science Elective**
- **NCAA Core Course**

This course will familiarize you with the physiology (how the body functions) and the

anatomy (structure of muscles, bones, nerves, etc.) of your body beyond the content of Biology I. Areas of study will include: cells, heredity, skeletal system, muscular system, nervous system, digestive system, circulatory system, respiratory system, excretory system, and the endocrine and reproductive systems. This course may be taken at the same time as Physics or Materials Science and Technology.

### **3500 Physics**

- **Prerequisite – Chemistry I and concurrent enrollment in Algebra II or higher math course strongly recommended**
- **Year Long Course**
- **Offered Grades 11- 12**
- **1 Credit**
- **Advanced Science Elective**
- **NCAA Core Course**

This course is designed to teach you the laws and concepts of physics. Emphasis is on motion, gravitation, energy, electric and magnetic fields, sound and light. Data analysis, critical thinking and laboratory experience are an integral part of this course. A scientific calculator is required, and a graphing calculator is preferred (TI-83 plus or another more sophisticated graphing calculator). This course may be taken at the same time as Anatomy and Physiology or Materials Science and Technology.

### **3560 Honors Physics**

- **Prerequisite – Chemistry I and concurrent enrollment in Algebra II or higher math course strongly recommended**
- **Year Long Course**
- **Offered Grades 11- 12**
- **1 Credit**
- **Advanced Science Elective**
- **NCAA Core Course**

This course is designed to teach you the laws and concepts of physics. Emphasis is on motion, gravitation, energy, electric and magnetic fields, sound and light. Data analysis, critical thinking and laboratory experience are an integral part of this course. A scientific calculator is required, and a graphing calculator is preferred (TI-83 plus or another more sophisticated graphing calculator). This course is designed for those students preparing for AP course work. The mathematics level will be more intense and a

higher level of performance is expected than the regular curriculum.

### **3810 Materials Science and Technology**

- **Prerequisite – Physical Science (May be taken with Chemistry with department approval)**
- **Year Long Course**
- **Offered Grade 10 – 12**
- **1 credit**
- **Advanced Science Elective**
- **NCAA Core Course**

This course ties together science and technology. It makes real world applications so that serious science-oriented students readily see the importance and usefulness of science to their everyday life. Students will learn about solids; metals, ceramics/glass, polymers and composites, through hands on projects such as making light bulbs, rubber balls, slime, nylon, and concrete. This course is an excellent introduction to the fields of engineering and engineering technology. This course may be taken at the same time as other science courses. This class is considered an elective course and does not fulfill the science requirements for graduation.

### **3170 AP Biology**

- **Year Long Course**
- **Offered Grades 10-12**
- **1 Credit**
- **Advanced Science Elective**

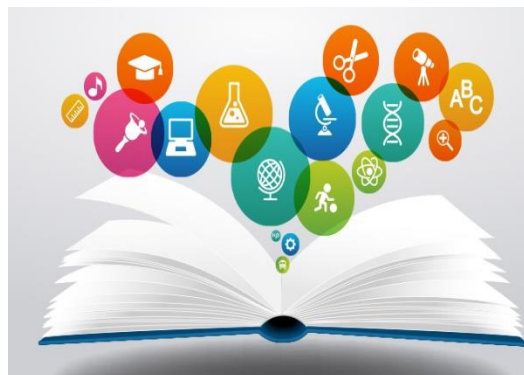
This course can be used as the Biology credit and a 3 or higher on the AP Biology test will allow students to get graduation Points. A 2 on AP is equivalent to a 3 in graduation points. A 3 on AP

is equivalent to a 4 in graduation points. A 4 or 5 is equivalent to a 5 on the graduation points.

### **3270 AP Chemistry**

- **Year Long Course**
- **Offered Grades 10-12**
- **1 Credit**
- **Advanced Science Elective**

AP Chemistry can be used as a required 3rd science course or it can be used as an elective. AP Chemistry establishes college readiness. AP Chemistry can serve as a bridge to college level Chemistry.



# ***SOCIAL STUDIES***

<u>Course Name</u>	<u>Length</u>	<u>Grade Level</u>	<u>Prerequisite</u>	<u>Credit</u>
Social Studies 6	Year	6	None	
Social Studies 7	Year	7	None	
Social Studies 8	Year	8	None	
World History	Year	9	None	1.0
Honors World History	Year	9	Yes	1.0
American History	Year	10	Yes	1.0
Honors American History	Year	10	Yes	1.0
AP American History	Year	10	Yes	1.0
American Government	Year	11	Yes	1.0
Honors American Government	Year	11	Yes	1.0
Economics	Semester	11- 12	Yes	.5
AP American Government	Year	11-12	Yes	1.0
Introduction to Psychology	Year	11-12	No	1.0
Introduction to Sociology	Year	11-12	No	1.0
Mock Trial/Judicial Systems	Year	9-12	No	1.0
U.S. African-American History	Semester	11-12	Yes	.5
AP Human Geography	Year	9-12	No	1.0

*All Fees listed are 2018-2019 fees and are subject to change without notice.*

## Social Studies 6 Regions and People of the Eastern Hemisphere

In grade six, students study the Eastern Hemisphere (Africa, Asia, Australia and Europe), its geographic features, early history, cultural development and economic change. Students learn about the development of river civilizations in Africa and Asia, including their governments, cultures and economic systems. The geographic focus includes the study of contemporary regional characteristics, the movement of people, products and ideas, and cultural diversity. Students develop their understanding of the role of consumers and the interaction of markets, resources and competition.

## Social Studies 7 World Studies from 750 B.C. to 1600 A.D.: Ancient Greece to the First Global Age

The seventh grade year is an integrated study of world history, beginning with ancient Greece and continuing through global exploration. All four social studies strands are used to illustrate how historic events are shaped by geographic, social, cultural, economic and political factors. Students develop their understanding of how ideas and events from the past have shaped the world today.



## **Social Studies 8**

### **U.S. Studies from 1492 to 1877**

Exploration through Reconstruction The historical focus continues in the eighth grade with the study of European exploration and the

#### **4100 World History**

- No Prerequisite
- Year Long Course
- Offered Grade 9
- 1 Credit
- NCAA Core Course

Based on Ohio's standards, the focus of this class is World Studies from 1750 to the Present. As students study historical eras, they will consider the influence of geographic settings, cultural perspectives, economic systems and various forms of government. Students will gain a deeper understanding of the role of citizens and continue to develop their research skills.

#### **4160 Honors World History**

- Prerequisite – By Recommendation
- Year Long Course
- Offered Grade 9
- 1 Credit
- NCAA Core Course

World History from 1750 to the present will be covered. The course will include various research projects, including a term paper. Students will be required to give a speech, do group work, participate in a simulation, and do a project. Current events will be covered as well.

#### **4200 American History**

- Prerequisite- World History
- Year Long Course
- Offered Grade 10
- 1 Credit
- NCAA Core Course

Based on Ohio's standards, the focus of this class is U.S. Studies from 1877 to the Present: Post-Reconstruction Through the 21<sup>st</sup> Century. As students study historical eras, they will consider the geographic, cultural, economic and governmental changes that have occurred. Students will develop a deeper understanding of their roles as citizens and continue to expand their command of social studies skills and methods.

early years of the United States. This study incorporates all four social studies strands into a chronologic view of the development of the United States. Students examine how historic events are shaped by geographic, social, cultural, economic and political factors.

#### **4260 Honors American History**

- Prerequisite – World History and by recommendation
- Year Long Course
- Offered Grade 10
- 1 Credit
- NCAA Core Course

American history will be covered from 1877 to the present. Current events and their historical precedent will be discussed. Students will be required to participate in simulations, debates, oral presentations, and term papers. Research, various reading and writing assignments, and creative thinking will be stressed.

#### **4300 American Government**

- Prerequisite – World History and American History
- Year Long Course
- Offered Grade 11
- 1 credit
- NCAA Core Course

Based on Ohio's Academic Content Standards, the focus is on political and economic decisions. This class provides an in-depth study of the U.S. government and economy. Students will study the historic roots of the political system and how it has changed over time. They will continue to develop an understanding of the rights and responsibilities of citizenship, as well as personal economic responsibilities. Citizenship in national, state, and local government will be emphasized. Research, reading, and writing will be key elements, as well as creative and abstract thinking and current events.

#### **4270 AP American History**

- Prerequisite-Honors World History
- Year Long
- Offered Grade 10
- 1 Credit

This is an AP level course that would give all kids who are willing and prepared an opportunity to possibly earn college credit through the AP Exam process. These will help prepare students for college and beyond and provide a complex

cultural and historical understanding of U.S. History. This would be an alternative to standard or Honors American History credit for graduation.

### **4360 Honors American Government**

- Prerequisite – World History, American History and by recommendation
- Year Long Course
- Offered Grade 11
- 1 credit
- NCAA Core Course

This course will include and extend the American Government curriculum through study of original historic documents and related reading and research. Creative and abstract thinking will be stressed as well. Various writing assignments and term papers will be used, and the responsibilities of citizenship will be discussed as they pertain to current events.

### **4370 AP American Government**

- Prerequisite- Honors or AP American History
- Year Long Course
- Offered Grade 11-12
- 1 Credit

This is an elective but can replace the requirement for U.S. Government. This course will provide an opportunity for students to work at a college level and earn college credit with a passing score of 3 or higher.

### **4645 Economics**

- Prerequisite – None
- Semester Course
- Offered Grade 11-12
- ½ Credit
- NCAA Core Course

The content of this introductory economics class will help students develop critical thinking skills through their understanding, application and analysis of fundamental economic concepts. This course covers concepts and themes in both macroeconomics and microeconomics. Topics include prices, supply and demand, and theories of competition, role of government, taxation, scarcity, fiscal policy, monetary policy and world trade. The purpose of this class is to prepare students for their multiple roles as

employees, employers, investors, consumers and citizens.

### **4405 Introduction to Psychology**

- No Prerequisite
- Single Semester Course
- Offered Grades 11-12
- 1 Credit
- NCAA Core Course

Have you ever wondered why people do the things they do? This class will educate you on the theories of psychologists such as Freud, Maslow, and Jung. Using these theories as background information, you will interpret why you have done the things you have done in your life. This course is great for students considering going into psychology, education, sociology, or for anyone else who has ever tried to analyze people.

### **4425 Introduction to Sociology**

- No Prerequisite
- Single Semester Course
- Offered Grades 11-12
- 1 Credit
- NCAA Core Course

American society is filled with discrimination of gender, class, and race. This class will explain why society has stereotypes and examine the many forms of discrimination in our society.

### **4500 U.S. African-American History**

- Prerequisite – American & World Histories
- Semester Course
- Offered Grades 11-12
- 1/2 Credit
- NCAA Core Course

This class will explore the impact of implanted Africans to the U.S. and their struggles, contributions, and successes. The class will also survey the rich history of Africans prior to their immigration to the Americas.

### **4510 Mock Trial: American Judicial System**

- No Prerequisite
- Year Long Course
- Offered Grades 9-12

- **1 Credit**

The Mock Trial class provides the student with an understanding of the major fundamental principles of American government and our judiciary system. Students will analyze the Declaration of Independence, Bill of Rights and major landmark Supreme Court decisions that have impacted citizens' rights. The program prepares students to assess information and its relevance to a given interpretive problem and be able to weigh the evidence and interpretations in the formulation of papers, debates and oral presentations to compromise, negotiate and reconcile conflicts and differences. Participation in after school Mock Trial competitions is expected.

### **4670 AP Human Geography**

- **No Prerequisite**
- **Offered Grades 11-12**
- **Year Long**
- **1 Credit**

This would be an elective AP course targeting students in 11th-12th grade who want an AP social studies elective class. This would provide our college ready students and our students seeking honors diplomas with an elective option in Social Studies that will help them pursue those goals. Upon passage of the AP Exam, student will receive college credit for this course.



# ***SPECIAL OFFERINGS***

## **MS/HS Offerings**

<u>Course Name</u>	<u>Length</u>	<u>Grade Level</u>	<u>Prerequisite</u>	<u>Credit</u>
Exploratory Wheel	Year	6	None	
Robotics	Year	7-8	None	
Culinary Food Science	Semester	7-8	None	
Computer Applications	Semester	7-8	None	
MS Leadership/WE THE PEOPLE	Year	7-8	Application Required	
Environmental Marine Studies/Sea Perch	Semester	7-8	None	
Forensic Science	Semester	7-8	None	
Speech and Debate	Semester	7-8	None	
Study Skills	Semester	7-8	Advance Placement Only	
Teacher/Office/Media/Peer Mediation Support Aide	Semester	8, 11, and 12 Only	Application Required	
HS Leadership	Semester	9-12	None	.5
Intervention Courses	Semester	9-12	Yes	.5
Leadership I/Leadership II	Semester	9-12	No	.5
JROTC	Year	9-12	None	1.0
From High School to Success	Year	9 – 12	None	1.0
Academic Lab	Semester	9 – 12	None	.5
ACT Prep	Semester	9 - 12	None	.5

*All Fees listed are 2018-2019 fees and are subject to change without notice*

### **Computer Applications - Semester**

#### **Grades: 7-8**

Students who enroll in this class may explore in-depth digital drawing, databases, spreadsheets, desktop publishing, word processing, and multimedia software. In the yearlong course students may be exposed to web design, animation, sound, and music.

### **Media and Graphic Design**

#### **Grades: 7-8**

The class is a hands-on introduction to the principles and techniques of graphic design for print and digital media. (At TMMS, this class covers the production of the school's yearbook.)

### **Robotics**

#### **Grades: 7-8**

This class will explore the exciting field of robotics. This program focuses on applied inquiry, motivated design, communications, technology, scanning, mapping, and more. Students will be able to experience the hands-on program while progressing through activities designed to teach programming, behaviors, systems, control sensors, and feedback. They will also address key technology and science standards.

## **CULINARY Food Science - Semester Grades 7-8**

This course offers students the opportunity to connect the science of food with the science content they are learning in their academic science classes. This will allow students to see the connection that food has to science and also help students understand the academic science content in a richer context. Students will also learn about nutrition, making healthy food choices, and where food comes from. During this project-based course, students will be cooking meals, learning cooking techniques, composting, gardening, designing experiments, researching and more.

## **EXPLORATORY WHEEL Exploratory Wheel - Yearlong Grade: 6**

Sixth grade Exploratory Wheel is a yearlong course made up of introductions to different elective options open to students when they become 7th and 8th graders. The wheel spokes are designed to expose students to a wide-range of learning opportunities, to develop their practical, hands-on skills, and to teach them to work cooperatively with others. Each Exploratory Wheel rotates in a pre-set schedule, with the number and type of wheel spokes varying at each site. Wheel spokes may include, but are not limited to: Living Skills, Computers, Music, Art, Drama, Speech, World Languages, Technology, and Video Production. The curriculum is based on Ohio standards wherever applicable.

## **LEADERSHIP – Yearlong Grades: 7-8 (Application required)**

Leadership engages in specific school and community activities related to spirit and service. These activities offer opportunities for the student to display and exercise skills of leadership, teamwork, networking, self-evaluation, responsibility and accountability. In addition, leadership students learn the basic concepts of accounting and presentation skills. Emphasis is placed on fostering ethics and self-esteem within the class, as well as the school and community. Leadership is responsible for student body funds, dances, spirit days, and community public relations activities. Leadership

representatives sit on various groups and councils.

## **SCIENCE 21st Century Design (STEM)**

### **Grades: 7-8**

This course offers students the opportunity to use their creativity to design solutions to some of our global problems. Students will design suitable landscapes in response to an ever-changing climate as global warming has become a reality. Students will decide how kids in even the poorest countries will have access to plenty of food, clean water and medical care. Students will create space modules for human occupation as competition for space and resources on Earth intensifies. They will create energy efficient cities, buildings and/or vehicles. Students will use everyday tools and equipment to engineer models of some of their designs.

## **Environmental/Marine Studies (Sea Perch) – Semester**

### **Grades: 7-8**

This course offers students an opportunity to go deeper into science topics related to the environment. Ecology, resource conservation, interdependence of organisms, recycling, alternative energy, and the importance of biodiversity are emphasized with hands on activities. Global challenges like population growth, climate change, and extinction are among the timely topics discussed. Students will look for solutions to problems as they find out that “I can make a difference!” The study of marine habitats, conservation and adaptations is a favorite in the class. Students also enjoy planting, maintaining and experimenting in our “outdoor classroom” which includes a greenhouse, composting and hydroponics. Digital labs, speakers, games, and field trips add to the variety of learning experiences offered in this class.

## **Forensic Science - Semester Grades: 7-8**

In this class, emphasis is on understanding the underlying scientific theories of forensic science, with special emphasis on investigating skills such as hair analysis, DNA fingerprinting, and the casting of bite, tire, and shoe prints. The course will also feature guest speakers and the

use of biotechnology equipment such as electrophoresis chambers.

### **Speech and Debate - Semester**

#### **Grades: 7-8**

Public speaking is used as a tool to help students better understand effective communication. Critical thinking, thesis development and dynamic delivery skills are the foundation of all public communication. Students will learn audience analysis, and become equipped with the tools necessary to speak effectively in a number of formats. In Debate, students will gain confidence through learning the art of argument. Students will set aside biases and emotionalism that undermine effective arguments, examine issues systematically, and identify the merits of respective positions.

### **Study Skills – Semester**

#### **(Administrative placement only)**

#### **Grades: 7-8**

This intervention class is designed to support academically at-risk students. Students cannot self-select this course. Curriculum for this course may include suggestions for organizational skills, goal setting, note taking, listening strategies, and independent study strategies for short and long-term assignments. This class will also support students in completion of assignments during the school day. Students may be required to be prepared with reading material in class each day.

### **Teacher/Office/Media/Peer Mediation Support Aide/HS OFFICE AID**

#### **Grades: 8, 11, and 12 ONLY**

Students work in the classroom or office to assist teachers or office staff in various duties. See each school site for specific descriptions and requirements.

### **7405 Leadership I**

- **No Prerequisite**
- **Single Semester Course**
- **Offered Grades 9-12**
- **1/2 Credit**

This course is designed to develop young leaders within the high school through hands-on opportunities to lead small groups and teams throughout various practical exercises in leadership training.

(Course Proposal in progress)

### **7410 Leadership II**

- **Leadership I or 1<sup>st</sup> Year of JROTC**
- **Single Semester Course**
- **Offered Grades 9-12**
- **1/2 Credit**

This course is designed to be a continuation of Leadership 1; Leadership 1 is a pre-requisite class. Leadership 2 will provide participants with more hands-on opportunities to lead small groups and teams throughout various practical exercises.

### **7400 JROTC**

- **No Prerequisite**
- **Year Long Course**
- **Offered Grades 9-12**
- **1 Credit**

JROTC is designed to help high school students become better citizens in their own community. JROTC gives cadets the opportunity to learn how to follow, how to lead, understand the value of team work through practical experience, the importance of attention to detail, as well as the application of problem-solving techniques and decision-making methods. Cadets are issued and required to wear the Army class B uniform (the same as the instructors) once per week. They practice marching and participate in a rigorous physical training program once per week.

The JROTC program curriculum consists of academic classes in topics such as leadership and communication, foundations for success, wellness, fitness and first aid, along with citizenship, American military history, and map reading. The JROTC academic curriculum can help cadets who need some extra assistance in the areas of reading, writing, and citizenship - areas that are integral parts of the Ohio Graduate Test (OGT) required for graduation.

As cadets demonstrate the ability to be good followers (this is where self-discipline is essential), they are given increased opportunities to be in charge of units of their peers. They exercise their decision-making authority on a daily basis in both classroom settings and leadership labs. With the help and guidance from retired Army instructors, cadets learn about accountability and responsibility, as well as how to lead by example, how to take corrective action, and the challenges of leading their peers.

JROTC is not a course for just anyone. It is not designed to prepare students for a career in the

military (although many choose to follow that path). But if you have a desire to improve your people skills, a desire to learn about being a better leader in your home, school and community, and are able to follow instructions without much complaining, JROTC can be a stepping stone to a brighter future, regardless of whether the military is in your post-high school plans.

### **9020 From High School To Success**

- **No Prerequisite**
- **Year Long Course**
- **Grades 9-12**
- **1 credit**
- **This course is the prerequisite for all College Credit Plus programs.**

This year long course designed to bridge the gap between high school and college/career by preparing students for college entrance exams (particularly the Accuplacer exam used by Sinclair Community College and many other colleges). This course strives to enhance student's skills in reading, writing, arithmetic and algebra to secure placement in college level courses. As part of this course, students will be required to take the Accuplacer test on site at Trotwood Madison. The scores from this test may be used as entrance scores if the student plans to participate in the College Credit Plus Program at Sinclair Community College or Central State University. Students in the course will also have the chance to explore options for their college/career including career exploration, college choice, and possible courses of study and fundamentals of financial aid. Including but not limited to: FASFA Applications, College Applications, The course will highly emphasize the use of the NAVIANCE Program for College and Career Readiness. THIS IS NOT A COLLEGE CREDIT PLUS COURSE.

### **7415 Intervention Courses**

- **Prerequisite – by recommendation**
- **Semester Course**
- **Offered Grades 9-12**

Courses are designed for students who have not passed the Ohio Exit Tests or who need additional skill development in preparation for college work. Students may earn ½ credit one time in each course taken, provided the

established criteria for each course has been met. Sections will be scheduled based on need to support the Ohio End of Course exams, and the development of college level skills and may include Writing, Reading, Math, Citizenship, and Science. Students will get a chance to work on APEX Intervention courses as well for tutoring and for graduation requirements. Students will have the opportunity to work with approved subject area online curriculum to enhance their skills sets and close their learning gaps.

### **9130 Academic Lab**

- **No Prerequisite**
- **Year Long Course**
- **1 Full Credit**

These academic labs are designed to develop post-secondary study skills for students in regular education courses, students in Post-secondary, Honors, and Advanced Placement classes. These labs will target: research skills, writing skills (MLA format) and study skills. The lab will be a required class for all seniors taking post-secondary classes. Skill sets will focus on the following: Textual Reading; highlighting, underlining and footnotes for understanding. Graphic organizing, test taking skills, time management skills and project management.

### **9005 ACT Online Test Preparation Course**

- **Prerequisite -No deficiencies toward high school graduation requirements**
- **Semester Course**
- **Grades 10-12; grade 11 given scheduling priority**
- **½ Credit per course**
- **Pass/Fail Grading**

Using technology( NAVIANCE TEST PREP), the course pinpoints the student's abilities on the skills that are tested on the actual exam. A *Customized Learning Path* is then created to strengthen the student's areas of weakness and reinforce and provide extra challenge in their areas of strength. Space is limited due to lab access. *These courses are graded Pass/Fail and although they are awarded credit they are not included in computing the student's GPA.*

## *Trotwood-Madison HS Grade Level Academies*

**9<sup>th</sup> Grade Academy** = Divided into two teams with Grade Level teachers in Core Classes (Electives as much as possible), Designated School Counselor, a Dean of Students, and a Unit Principal. This will allow the 9<sup>th</sup> Grade Academy Staff to focus on 9<sup>th</sup> grade specific issues such as transitioning through personal/social development, orientation to high school, study skills, academic strengths and weaknesses, closing learning gaps, students will build class unity, and provide grade level lunches for age appropriate socialization.

### **Typical 9<sup>th</sup> Grade Schedule: (EXAMPLE)**

<i>Period</i>	<i>Course Name</i>	<i>Semester/Year</i>	<i>Semester/Year</i>
1	English 9	Year	Year
2	Math	Year	Year
3	Science	Year	Year
4	World History	Year	Year
5	Elective	Leadership/Sm. 1	Bus Tech/Sm. 2
6	Lunch	Sm. 1	Sm. 2
7	Elective	Sm. 1 (PE/HTH)	Sm. 2 (ART/MUS)
8	Elective	Sm. 1 (Acad. Lab) Year (For. Lang)	Sm. 2 (Intervention)/Year (For. Lang.)

**10<sup>th</sup> Grade Academy** = Divided into two teams with Grade Level teachers in Core Classes (Electives as much as possible), Designated School Counselor, a Dean of Students, and a Unit Principal. This will allow the 10<sup>th</sup> Grade Academy Staff to focus on 10<sup>th</sup> grade specific issues such as PSAT/ACT/SAT test preparation, college and career readiness, graduation intervention, study skills, academic strengths and weaknesses, closing learning gaps, for students to build class unity, and provide grade level lunches for age appropriate peer to peer interaction.

### **Typical 10<sup>th</sup> Grade Schedule: (EXAMPLE)**

<i>Period</i>	<i>Course Name</i>	<i>Semester/Year</i>	<i>Semester/Year</i>
1	English 10	Year	Year
2	Math	Year	Year
3	Science	Year	Year
4	American History	Year	Year
5	Elective	Leadership II/Sm. 1	Bus Tech/Careers/Sm. 2
6	Lunch	Sm. 1	Sm. 2
7	Elective	Sm. 1 (PE/HTH)	Sm. 2 (ART/MUS)



8	Elective	Sm. 1 (Acad. Lab)/ Year (For. Lang./HS to Success)	Sm. 2 (Intervention)/ Year (For. Lang./HS to Success_
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**11<sup>th</sup> and 12<sup>th</sup> Grade Academy**= Divided into two teams with Grade Level teachers in Core Classes (Electives as much as possible), 1 11<sup>th</sup> Grade Counselor, 1 12<sup>th</sup> Grade Counselor, a Dean of Students, and a Unit Principal. This will allow the 11<sup>th</sup> and 12<sup>th</sup> Grade Academy Staff to focus on Upper Classman specific issues such as PSAT/ACT/SAT test preparation, End of Course Exam intervention, college and career readiness curriculum, focus on the FASFA Application Process, College Application Process, graduation intervention, study skills, academic strengths and weaknesses, close learning gaps, gives opportunities for community service, participation in College and Career Power Lunches, provide students with more rigorous course offerings such as AP and CCP+, emphasizes hands on post-secondary planning.

**Typical 11<sup>th</sup> or 12<sup>th</sup> Grade Schedule: (EXAMPLE)**

<i>Period</i>	<i>Course Name</i>	<i>Semester/Year</i>	<i>Semester/Year</i>
1	English 11, 12, or Equivalent (AP/CCP)	Year/SM if CCP	Year/SM if CCP
2	Math or Equivalent (AP/CCP)	Year/SM if CCP	Year/SM if CCP
3	Science or Equivalent (AP/CCP)	Year/SM if CCP	Year/ SM if CCP
4	American Government or Equivalent (AP/CCP)	Year/SM if CCP	Year/SM if CCP
5	Lunch	SM. 1	SM. 2
6	Elective	Sm. 1 (ACT/SAT PREP/Study Skills,	SM. 2 (Careers/Business/Tech Ed)
7	Elective	Year/SM. 1 (For. Lang/Core Elective/Econ/Pers. Fin)	Year/SM. 2 (For. Lang./Core Elective/Econ/Pers. Fin)
8	Elective	Sm. 1 (Acad. Lab)	Sm. 2 (Intervention)

# TROTWOOD-MADISON CITY SCHOOLS

## INTENT TO PARTICIPATE FORM

### High School Physical Education Option

Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

The above named student is declaring his/her intent to complete physical education graduation requirements through use of the Physical Education Option (PE Option). Completion of this graduation requirement using the PE Option excuses the student from completing physical education courses as a condition to graduate. The transcript will reflect meeting the requirement.

The student is going to meet the criteria of the PE Option by participation in the activities designated below:

- Participation in two full seasons of interscholastic athletics
  
- Participation in two full seasons of marching band, which includes drill team
  
- Participation in two full seasons of cheerleading
  
- Participation in JROTC for two complete academic years

Students electing to use this High School Physical Education Option understand that in order to be excused from the physical education requirement to graduate, they must:

1. If applicable, maintain eligibility and active participation throughout the official sport season (sports seasons are determined by the official starting date of the activity and conclude with the final formal activity of the group) **and** maintain a 90% attendance participation rate in the activity
  
2. If applicable, attain an overall passing grade in the JROTC course each year **and** maintain a 90% attendance rate in the JROTC course each year

If at the conclusion of each season or school year, as applicable, it has been deemed that the student has not met the criteria to be excused from physical education coursework through use of the PE Option, then an appeal can be made to the High School Principal. The High School Principal's decision regarding the appeal will be final.

\_\_\_\_\_ (Student Signature and Date)

\_\_\_\_\_ (Parent Signature and Date)

\_\_\_\_\_ (Counselor Signature and Date)

# *Trotwood-Madison High School Recommended Educational Plan*

## **Grade 10**

### **Semester 1**

1. English 10
2. Algebra I, Geometry/H. Algebra II
3. Biology Physical Science
4. American History
5. Physical Education/Fine Art/Health
6. Elective (For. Lang. for college bound)
7. Intervention/ Elective

### **Semester 2**

1. English 10
2. Algebra I, Geometry/ H. Algebra II
3. Biology /Physical Science
4. American History
5. Physical Education/Fine Art/Health
6. Elective (For. Lang. for college bound)
7. Intervention/Elective

## **Grade 9**

### **Semester 1**

1. English 9
2. Algebra 1/Trans HS Math/H. Geometry
3. Physical/Earth Science
4. World History
5. Physical Education/Health
6. Careers/F. Art/For Lang.
7. Intervention/Elective

### **Semester 2**

1. English 9
2. Physical/Earth Science/Biology
3. Algebra 1/ Trans to HS Math/ H. Geometry
4. World History
5. Health/Physical Education
6. Careers/ F. Arts/ For Lang
7. Intervention/ Elective

## Grade 11

### Semester 1

1. English 11
2. Geometry/Algebra II/Pre Calc/H Pre Calc
3. Chemistry /Materials Sci/Envi Sci/Biology
4. Government
5. Personal Finance/Economics
6. Elective
7. Elective (For. Lang. for college bound)

### Semester 2

1. English 11
2. Geometry/Algebra II/ Pre Calc/ H. Pre Calc
3. Chemistry /Material Sci/Envi Sci/Biology
4. Elective
5. Elective (For. Lang. for college bound)
6. Elective
7. Elective

## Grade 12

### Semester 1

1. English 12 or AP
2. Modeling/Pre Calc/ Calculus/Algebra II
3. Elective (Science for college bound)
4. Elective (For Lang – college bound)
5. Elective (Soc Std. – college bound)
6. Elective
7. Elective

### Semester 2

1. English 12 or AP
2. Modeling/ Pre Calc/ Calculus/Algebra II
3. Elective (Science for college bound)
4. Elective (For Lang – college bound)
5. Elective (Soc Std – college bound)
6. Elective
7. Elective

*Trotwood-Madison High School*  
*Recommended **NCAA CORE** Educational*  
*Plan (Potential 22 CORE credits)*

**Grade 10**

**Semester 1**

1. English 10 – CORE
2. Geometry/ Algebra 2 - CORE
3. Biology /Phys Science/ Chemistry - CORE
4. American History - CORE
5. Foreign Language - CORE
6. Physical Education/Health/ Fine Art
7. Elective

**Semester 2**

1. English 10 – CORE
2. Geometry/Algebra 2 - CORE
3. Biology Phys Science/Chemistry - CORE
4. American History - CORE
5. Foreign Language - CORE
6. Fine Arts Elective/Health/ Physical Education
7. Elective

**CORE TOTAL = 5.00 credits**

**Grade 9**

**Semester 1**

1. English 9 - CORE
2. Algebra 1/ /Geom -CORE
3. Physical/Earth Science/ Biology - CORE
4. World History – CORE
5. Foreign Language - CORE
6. Physical Education/Health/Fine Art
7. Elective

**Semester 2**

1. English 9 - CORE
2. Algebra / Geom - CORE
3. Physical/Earth Science/Biology - CORE
4. World History - CORE
5. Foreign Lang - CORE
6. Health/Physical Education/Fine Art
7. Elective

**CORE TOTAL = 5.00 credits**

**Grade 12**

**Semester 1**

1. English 12 - CORE
2. Modeling/Pre Calc/Calc - CORE
3. English elective/Composition 12 - CORE
4. Social Studies elective - CORE
5. Science elective - CORE
6. Foreign Lang – CORE
7. Elective

**Semester 2**

1. English 12 –CORE
2. Modeling/Pre Calc/Calc - CORE
3. English elective/Composition 12 - CORE
4. Social Studies elective - CORE
5. Science elective - CORE
6. Foreign Lang – CORE
7. Elective

**CORE TOTAL = 6.00 credits**

**Grade 11**

**Semester 1**

1. English 11 - CORE
2. Algebra II/Pre Calc - CORE
3. Chemistry - CORE
4. Government - CORE
5. Economics/Composition 11 -CORE
6. Foreign Language – CORE
7. Elective

**Semester 2**

1. English 11- CORE
2. Algebra II/Pre Calc- CORE
3. Chemistry - CORE
4. Government – CORE
5. Core elective/Composition 11
6. Foreign Language - CORE
7. Elective

**CORE TOTAL = 6.00 credits**



