

# **OLIVET HIGH SCHOOL**



## **DISTRICT MISSION**

**"DEVELOPING RESPONSIBLE CITIZENS THROUGH CHALLENGING ACADEMICS  
AND DIVERSE OPPORTUNITIES IN A SAFE AND SUPPORTIVE ENVIRONMENT"**

## **EDUCATIONAL PLANNING GUIDE**

**BOARD APPROVED:**

**2020-21**

## **WELCOME TO OLIVET HIGH SCHOOL**

We are pleased that Olivet High School offers a comprehensive curriculum designed to meet our students' needs. The Educational Planning Guide (EPG) is a comprehensive document that identifies all approved courses and programs for students at Olivet High School. Within the curriculum, some classes will be required; however, students will be given an opportunity to choose from a variety of elective classes and alternative programs. Some courses and programs will be available on alternating years to provide the most options for our students. A course of study should be chosen that meets each student's educational and career goals and provides the skills necessary to lead a successful life after graduation. We are committed to working with our students and parents as a team in every step of the class selection process.

As students begin to develop future educational and career plans, they will be encouraged to make educational decisions based on their interests and aptitudes as they are related to career pathways. High school students will participate in a variety of assessments to assist them in setting goals and developing plans for what they want to do after graduation.

We are happy to answer any questions about the curriculum or the scheduling process. The time students spend planning their high school experience will make their education much more meaningful.

Sincerely,

OHS Staff



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# Olivet Community Schools

## NOTICE OF NON-DISCRIMINATION

### **Nondiscrimination**

The Olivet School Board is committed to a policy of nondiscrimination, and is required by law not to discriminate, on the basis of race, color, religion, gender, national origin, age, height, weight, marital status, pregnancy, handicap, disability, or limited English proficiency. This policy shall prevail in all of its policies concerning staff, students, educational programs and services, and individuals with whom the Board does business. The staff shall establish and maintain an atmosphere in which students can develop attitudes and skills for effective, cooperative living. The board and staff shall promote good human relations by removing any vestige of prejudice and discrimination in employment, assignment, and promotion of personnel; in location and use of facilities; in educational offerings and instructional materials. The Board and staff shall use every opportunity to work with other institutions and agencies to improve human relations in the schools, and to create channels through which citizens can communicate their human relations concerns to the Board and its employees.

To report an official complaints related to non-discrimination policies contact:

Superintendent  
Olivet Community Schools  
255 First Street  
Olivet, Michigan 49092  
(269) 749-9129

### **Disability Related Concerns Under Section 504 of the Rehabilitation Act of 1973**

Olivet Community Schools is required to provide a free and appropriate public education to each student with a disability within its jurisdiction, regardless of the nature or severity of the disability. It is the intent of the district to ensure that students with disabilities within the definition of Section 504 of the Rehabilitation Act of 1973 are identified, evaluated and provided with appropriate educational services.

Complaints regarding disabilities and issues under Section 504 and/or the Americans with Disabilities Act and those relating to the provisions of special education services, should be referred to:

Troy Waffle  
District 504 Coordinator  
Olivet Community Schools  
255 First Street  
Olivet Michigan, 49076  
(269) 749 – 9129  
wafflet@olivetschools.org

Complaints regarding disabilities and issues the Americans with Disabilities Act and those relating to the provisions of special education services, should be referred to:

Superintendent  
Olivet Community Schools  
255 First Street  
Olivet, Michigan 49092  
(269) 749-9129

# Olivet High School

## Schedule Information

### **MODIFIED FOUR BLOCK SCHEDULE**

The modified four-block schedule is the method of scheduling students at Olivet High School. A longer block class for one semester allows teachers to use techniques that engage students longer providing more depth in their learning. It is important for students to have more time to concentrate on fewer classes. Students will have four or five classes each semester. If they have five classes, two of them will be 44 minute classes called "skinnies" that are taught all year\*. Students will have an opportunity to earn a total of 8 credits per year. If you have questions about our block schedule, please contact the principal or school counselor.

\* A student choosing a year-long skinny course understands that they are making a commitment to complete the full year of said course. Credit for year-long courses will be awarded at the end of the year after completion of the entire course. A student choosing to drop or withdraw from a skinny course without principal approval will receive no credit for that course and will have a Withdrawal/ F grade on his/her transcript.

### **Schedule**

	Monday	Tuesday	Wednesday	Thursday	Friday
7:35-8:19 (44 min.)	1st SKINNY FULL YEAR				
8:23-9:07 (44min.)	2nd SKINNY FULL YEAR				
7:40-9:07 (92min.)	1st BLOCK				
9:15-10:46 (91 min.)	3rd BLOCK				
10:46-11:23	LUNCH				
11:23-12:53 (90min.)	4th BLOCK				
1:01-2:31 (90in.)	5th BLOCK				

### **Half Day Schedules**

#### AM CLASSES

SKINNY 7:35 – 8:16 (41 min)  
 SKINNY 8:20 – 9:01(41 min)  
 1st BLOCK 7:35 – 9:01(87 min)  
 3rd BLOCK 9:09 – 10:32(83 min)

#### PM CLASSES

BLOCK 7:35 – 9:01(86 min)  
 BLOCK 9:09 – 10:32(83 min)

### **Key Points of the Modified Four Block**

- Significantly lowers the number of students a teacher has therefore allowing students and teachers to work more closely together.
- Provides time for teachers to use several types of teaching techniques in a block of time.
- This plan allows students to accelerate their academic programs, which leads to the expansion of our curriculum for advanced students and provides more opportunities for Dual Enrollment in College Courses.
- Students take fewer courses during the semester therefore allowing students greater focus on each course.

## **CURRICULAR INFORMATION**

The curriculum of Olivet High School is designed to provide our students with the opportunity to learn what they will need to know and be able to do to succeed in their future. We offer programs that prepare students for an education at a university, college, community college, technical school, military or future employment. In addition, our curriculum is aligned with the State of Michigan adopted curriculum. More information about specific curriculum can be found on the [OHS Curriculum Map](#) webpage.

Our requirements and recommendations guide students into taking a wide range of classes. However, students have many opportunities for electives so they can learn a great deal in addition to the basic skills that are required. Each individual student should set up a program to make the best use of his or her abilities and interests. Students are strongly encouraged to discuss their schedules with their parents, teachers, counselor and principal.

### **Graduation Credit Requirements**

- Completion of a Minimum of 28 credits
- Completion of state adopted Michigan Merit Curriculum (MMC)
- Completion of 20 hours of approved community service

### **Required Credits**

**Language Arts (5 Credits)** Including 2 writing based electives. 2 Years at CACC waives 1 credit requirement.

**Social Studies (4 Credits)**

**Mathematics (4 Credits)** 1 Course must be completed during the senior year or 2 Years at CACC Fulfills the requirement

**Science (4 Credits)** completion of a CACC program Fulfills 1 credit requirement w/ approval from counselor or principal

**World Language (2 Credits in the same language)**

Completion of CACC Program or an additional Visual Arts credit fulfill for the 2nd credit requirement w/ approval from counselor or principal

**Physical Education & Health (1 Credit)**

**Electives (1 Credits)** in Visual, Performing, or Applied Arts

**Computer Applications (1 credit)**

**Additional Electives (6 Credits)**

Total (28 Credits\*)

### **Required Graduation Courses**

**ELA**—Literature & Composition I and II, 2 additional writing electives.

**Social Studies**—US History, World History, Civics, and Economics.

**Mathematics**—Algebra I, Algebra II or Algebra II A & B, Geometry

**Science**—Biology , Physical Science or Chemistry And Physics

**Physical Education/Health**

## **Scheduling**

### **Schedule Change**

Once the master schedule is finalized changes are extremely difficult, since teaching assignments are based on the number of students enrolled for each course. Choose your courses carefully and make sure you follow the directions for listing alternate courses. The drop/add process for the entire school year will occur on the specified dates at the beginning of each semester. **Classes will not be added or dropped after the first week unless there is an inappropriate placement of a student in a class or an extenuating circumstance.** The request must meet the criteria established on the Drop/Add form which can be found on the Student Services web page.

### **Full Year Courses**

When you enroll in a full-year course, it is expected that you will remain in the course for the entire year. Scheduling for the entire school year is based on the information you enter on your course registration document. Therefore, you will not be permitted to drop a year-long course unless extenuating circumstances exist. A parent-teacher conference must be held with your guidance counselor and administrative approval must be obtained for this type of change. You are expected to remain committed to the elective course(s) you select.

### **Initiating a Schedule Change**

A schedule change may be initiated by a student for the following reasons only and will be made only if space permits as balancing sections is a priority:

- You are in a class for which you have already received credit.
- Your schedule is missing a class you need for graduation.
- You don't have the prerequisites for a course on your schedule.
- You failed a course with a teacher the previous year and have been assigned that teacher again (requires teacher's signature and is subject to availability.)
- 504 or IEP specifications.

There are some cases where an extenuating circumstance warrants a Pass/Fail grade option. These cases shall be determined through a process which includes the parent, counselor and principal within the first two weeks of a new term.

### **Year Long Courses**

For year long courses students failing one of the semesters may receive full credit for the course if the students semester grades averages to a passing grade. However, the GPA calculation is based on the grade earned each semester.

## **Credits**

### **Credit Transfers**

Students may obtain credit through additional learning options such as CACC, BCMSC, ATYP, Post-Secondary Enrollment, online, Test out, and accelerated coursework while in middle school. Please see counselor for details about all credit options.

### **Credit earned at the Middle School:**

Students will receive high school credit toward graduation for successful completion and qualifying grade of C+ or better (78%) for Algebra I, and successful completion of 8th grade computers. Middle school student grades will be calculated into high school GPA using the year long course method, and transcripts will reflect the earned grade in the course. Credits earned at OMS will apply to the total number of credits required to graduate from OHS (28). Middle school students completing high school courses will be treated like all high school courses for transcription and GPA.

### **Post Secondary Enrollment (Dual Enrollment):**

Grades and credit for a college class shall be recorded directly to the student's transcript. All college level credits will transfer back to the high school using the following ratio: 3–4 college credits = 1 high school credit.

### **Online Courses:**

The online scheduling for our block schedule is unique. The online programming used at OHS grants 0.5 credits for each course unless the course has been determined worth a full credit.. Therefore students are required to schedule two (2) online classes during a block to earn 1 credit. The “skinny” period, being more traditional, will schedule one online course each semester. Grades are recorded on the student's transcript from the course summary report and are included in GPA calculation.

### **CACC, BCSMC, ATYP:**

Credit transfers to students transcripts are predetermined by programming at the satellite institutions. Credits earned are added to historic grade records upon the completion of each program, for each student. Each program forwards a grade report for each course and are recorded to transcript and is included in GPA calculation.

### **Test Out:**

Following a qualifying score of a C+ (78%) on the Test-Out Assessment, credit earned through this route shall be designated on the student's transcript solely as “TO” – credit earned through testing out and shall not be included in a computation of grade point average nor counted toward the total required credits for graduation for any purpose. Likewise, students who attempt to test out of a course and do not earn a qualifying score will not receive credit for the course. More information about testing out may be found later in this guide.

## **SPECIAL SERVICES**

It is the legal obligation of OHS to have a process to determine if any student is in need of, and eligible for, special education or 504 services. Students receiving special education services in Michigan must have an Individualized Education Program (IEP) that details the appropriate education plan outlining modifications, accommodations, and support for student success.

## **NON-TRADITIONAL CREDIT OPPORTUNITIES**

### **Online Learning**

Olivet Community Schools offers middle and high school students the opportunity to take online courses offered in the [Michigan Virtual Online Catalog](#). Additionally, with administrative approval students are allowed to take courses provided in the [Edmentum Core Catalog](#), and the [Edmentum Health and Fitness Catalog](#). The application deadline is prior to the start of each semester. The completed application must be submitted to

the school counselor. Once approved, all enrollments are handled through the OHS Student Services office or OMS principal. Course information for all online courses is available at: <https://micourses.org/>.

Additionally:

- The request must align with the student's Educational Development Plan (EDP), grades 8 through 12.
- Students must possess the prerequisite knowledge and skills to be successful in the online course.
- Application will be denied if a student demonstrated failure in a previous online course.
- Students will be responsible for submitting Grade Progress Report and Course Activity Report to their counselor.
- In order for the cost of a student's online course to be covered, the course must be taken as part of their regular schedule.
- Each student will be limited to two (2) online courses as part of the student's schedule each semester.

The State of Michigan, under Section 21f of the State School Aid Act, has launched the choice for parents to request that their student(s), in grades 7-12, be enrolled in no more than two (2) online courses in place of a currently scheduled course.

Parents should carefully consider the unique qualities of their child when investigating if an online class is right for him/her. These factors include:

- Can your student create and maintain a study schedule without face-to-face interaction of a teacher?
- Can your student self-advocate to seek help within a virtual setting?
- Does your student possess the independent study habits needed to complete an entire course online without direct supervision?

Should you request that your child participate in the online class experience please note the following:

- The highly qualified teacher providing content for the course will only be available remotely via email or possibly phone and will not be an OHS employee.
- Students will work independently outside of the traditional classroom setting and will not be present with their current teacher or classmates during that subject.
- If approved, both parent and student must agree to the 21f Online Learning Course Contract.

### **Olivet Course Provided as Virtual Courses**

Due to uncontrollable factors related to providing students an education during a pandemic, instruction of all courses listed in this catalog as transitional/seated courses will be adapted for delivery in a virtual format, and considered virtual courses.

### **Testing-Out**

In accordance with Michigan State Law, Olivet Community Schools provides high school students with the opportunity to "test out" of Michigan Merit Curriculum required courses. Students who have demonstrated "Advanced" or "College Ready" designation on recognized MME assessments (see below) and then earn a qualifying score on a Olivet Community Schools Test-Out Assessment receive credit for the equivalent course.

A score of a C+ (78%) on the Test-Out Assessment is considered a passing grade. An unsuccessful attempt to test out of a course will not impact the student's grade point average for any purpose and will not be noted on the student's transcript. However, a student may not retake the test nor appeal the test results and will need to take the course in the traditional manner in order to receive credit for the course. You can find more information about how the credit is administered in the Credit section of this guide.

Students cannot take or enroll in a lower course sequence in the same CORE curriculum area as the course for which they “tested out” when applicable.

Testing Out applications are due to the high school counselor by the second Wednesday in June for tests to be given the first week of August, unless other arrangements are made, and the first Wednesday of December for tests to be given at least two weeks prior to the start of second semester.

For purposes of all Test-Out options aforementioned, recognized MME assessments include the PSAT and SAT - the state assessments in English Language Arts and Math - and the MSTEP - the state assessments in Science and Social Studies. “Advanced” status shall be earned in the content specific to the course desiring to Test-Out of for Science or Social Studies on the MSTEP; or “College Ready” status on the Math PSAT/SAT for courses related to Math and Science; or “College Ready” status on the Evidenced-Based Reading and Writing for all other courses.

Students attempting to test out of a course will be provided study material and resources to prepare for the assessment.

### **Calhoun Area Career Center**

Students who are at least juniors and have both the interest and ability may select a training program offered through the Calhoun Area Career Center (CACC) in Battle Creek. Students selecting a course of study will be transported to and from the CACC by district transportation. The programs offered at the CACC “connect education and careers” by supporting the State of Michigan Career pathways mode. Programs have been designed to assist students with integrating academic knowledge and career/technical skills. Students attend the CACC for half their school day and may receive a total of four credits for the school year if the competencies are met and the attendance policy is followed. The programs train students in specific skills and are designed to lead a student to continue his/her training at a college, technical school or enter the workforce upon graduation. During their second year in a CACC, some programs offer opportunities for some students to work in an approved co-op job during the school day. In order for a student to be eligible for a co-op job, he/she should meet with the co-op job coordinator at the CACC for more information.

The Career Center presentation takes place at Olivet High School in the fall of the student’s sophomore year. After the presentation, interested students sign up to make a program visit in February. Applications are accepted after the program visit and must be completed prior to student registration process. An application is required to be considered for a Career Center program. Students accepted into a program will be notified by the end of the previous school year. If a student is accepted, his/her counselor will make the necessary adjustment to their schedule.

### **Personal Curriculum**

The personal curriculum (PC) is a documented process that modifies certain requirements of the Michigan Merit Curriculum (MMC.) The parent or legal guardian of a pupil may request a personal curriculum for the pupil that allows the following modifications to the Michigan Merit Curriculum requirements under subsection (1) or section 1278a(1)(a).

- Go beyond the academic credit requirements by adding more math, science, English Language Arts, or world language credits.
- Modify the mathematics requirement.
- Modify, if necessary, the credit requirements of a student with an Individualized Education Plan (IEP).

- Modify credit requirements for a student who transfers from out of state or from a nonpublic school and is unable to meet the MMC requirements.

The personal curriculum (PC), requested by the parent, legal guardian, or emancipated student, allows the board of a school district or public school academy to award a high school diploma providing the student completes the PC, including as many of the content expectations of the MMC as practicable.

## **Postsecondary/Dual Enrollment**

Any qualifying student in 9th, 10th, 11th, or 12th grade may enroll in a postsecondary (dual) enrollment program providing s/he meets the requirements established by law and by the District. Through this cooperative program, students may receive college and high school credit at the same time. Students are permitted to take up to 10 dual enrollment classes in grades 9-12. The district may be allowed students to enroll in more than 10 courses with approval of the superintendent. Any interested student should contact his/her counselor to obtain the necessary information. Students are assisted in finding courses, completing applications, and looking up credit transfer information.

## **Qualifications**

Olivet High School has included these required considerations to establish the following guidelines for students and for dual enrollment courses. These include, but are not limited to the following:

- Principal approval.
- The student is ready for a college experience.
- Students are responsible for their own transportation.
- Students are on track for attaining credits towards graduation as expected.
- Student attendance records do not indicate a history of truancy (more than 10 days).
- Students have paid all fees related to failures in prior dual enrollment courses.
- Students must be enrolled in both the Olivet School District and the post secondary institution during the regular academic year. Students must have received a qualifying score on at least one of the following tests: MME, ACT, SAT, PSAT or Next Generation.

## **Guidelines and Student Responsibilities**

- Students and parents are responsible for completing the dual enrollment process which includes: applying to the college, selecting classes (with support of the counselor), registering (with support of the counselor), getting textbooks using the OHS process, logging into online portal, checking grades, attending class, seeking help from OHS staff, and notifying the counselor before making changes to course enrollment.
- Dual enrollment courses may not replace any courses required or offered by Olivet High School. An exception to this is if administration determines there is a scheduling conflict beyond the student's control.
- The dual enrollment course may not be in the subject area of physical education, theology, divinity, or religious education; hobby and recreational courses are prohibited by law.
- It should be understood that the final grade will be determined by the post-secondary institution, and OHS staff does not have influence over the grade determination.
- The OHS schedule takes priority over dual enrolled courses. Should a dual enrolled course conflict with the OHS schedule, and accommodations cannot be made, it is the student's responsibility to adjust their dual enrolled courses. If students need assistance adjusting dual enrolled schedules, they must contact their college advisor. This also includes planning for post-secondary transferable credits.
- Students must take all state and district assessments during scheduled times. This includes, but is not limited to, the MSTEP, PSAT, SAT and final exams.

- If students have previously failed a dual enrolled course, the cost of the course and supplies must be paid back before you are eligible to take another dual enrolment course.
- Students are expected to attend college course(s) even if classes have not started yet at OHS. Students are responsible for communicating with Olivet High School teachers if the college class impacts their high school classes.
- Students are expected to check grades often and stay up to date on all course work. Parents and OHS staff do not receive grade information until grades are finalized at the very end of each semester. It is imperative for parents to talk with their students about their college course grades.
- OHS staff will support dual enrollment students, however OHS does not monitor nor report dual enrollment progress to parents, as we do not receive progress information.
- Receiving colleges and universities determine if and how dual enrollment credits transfer at their school. It is your responsibility to contact your desired receiving school to learn about transfer credits.

### **Grades and Transcripts**

- The grade that you earn in your college class is printed directly on both your high school and college transcripts.
- A student withdrawing from a class after the designated drop/add period will receive a drop/fail on their transcript, which calculates as an E on the students transcript. Students can reduce the chance of this happening by communicating with the counselor before dropping any class.
- Dual enrollment grades to count toward the students GPA.

### **Dual Enrollment Cost**

- The district is responsible for a limited cost of dual enrollment courses and materials as determined by state funding.
- Should a course exceed the allotted amount, the student is responsible for the remaining balance.
- Students who fail to successfully complete their dual enrolled course, drop the class after the college deadline, or fail the class outright, will be responsible for all expenses related to the course.
- All students will be expected to return any books or materials and supplies that the district paid for at the end of each class.

## **OHS LIST OF COURSES BY DEPARTMENT**

### **English Language Arts**

Literature and Composition I  
Literature and Composition II  
American Literature  
World Literature  
Reading Writing and Reflection  
Speech  
Drama  
AP Literature & Composition  
Research and Composition

### **Mathematics**

Algebra I  
Algebra II  
Algebra IIA  
Algebra IIB  
Geometry  
Pre-Calculus  
Calculus I  
Calculus II  
Statistics and Probability

### **Social Studies**

U.S. History/Geography  
World History/Geography  
Economics  
Civics  
Social Issues  
Psychology

### **Business and Technology**

Financial Literacy  
Digital Web Design  
Visual Graphic Design  
Publications  
Internet and Computing Core

### **World Language**

Spanish I  
Spanish II  
Spanish III  
Spanish IV

### **Science**

Physical Science  
Biology  
Chemistry  
Physics  
Anatomy & Physiology  
Botany  
Accelerated Chemistry  
AP Chemistry  
Advanced Biology  
Forensic Science  
Environmental Science

### **Performing Arts**

Varsity Choir  
Fortissimo Choir  
High school Band  
Jazz Band

### **Visual Arts**

Art & Design  
Practical Design  
Ceramics—Sculptural Objects  
Ceramics—Practical Objects  
Two dimensional Design  
Sculpture

### **Physical Education**

Physical Education/Health  
Advanced Physical Education  
Fitness Workshop  
Healthy Living, Nutrition, and Exercise

### **Agricultural Studies**

Large Animal Veterinary Science  
Agricultural Leadership  
Agricultural Business and Marketing Management

### **Miscellaneous**

Academic Intervention  
State Test Preparation

## **LANGUAGE ARTS**

Language Arts will give you the skills you need in life. These skills include learning to use written language, transmit messages effectively, and read for information and pleasure. The literature you analyze and discuss will broaden your perspectives about the world. These courses will guide you to become a competent communicator, which is a key indicator to success in life.

### **Literature and Composition I**

**1 credit (writing based)**

**Prerequisite: None**

Literature and Composition I uses different genres of literature (novels, plays, short stories and poems) that revolve around the theme of tolerance. Working in pairs, small groups, and individually, students will build upon their reading, writing, grammar, and speaking skills in preparation for future English classes and state assessments. Students will be asked to compose numerous quick writes and several lengthy essays to be revised as publishable pieces. This class will be the foundation for Literature and Composition II.

### **Literature and Composition II**

**1 credit (writing based)**

**Prerequisite: Literature and Composition I**

The literature in this class combines the past (John Steinbeck's *Of Mice and Men*) with the present (Mitch Albom's *Tuesdays with Morrie*) and provides opportunities for independent and choice reading novels throughout the semester. A student taking this class should expect to read at least eight novels in twenty weeks. Writings include ACT-like persuasive essays, thoughtful pieces that require support from the course novels, and descriptive narratives. Notebooks are used for daily writing, vocabulary building, and grammar or literary devices notes. Throughout the semester, the five skills being focused on are reading, writing, speaking, listening, and viewing.

### **American Literature**

**1 credit (writing based)**

**Prerequisite: Literature and Composition II**

Students will read and critically analyze historical pieces of fiction that describe the birth of our nation. The learner will analyze, discuss, and reflect how historical events have caused people to think in different ways. Although the required reading of this course tends to be "classic American Literature," students will also be required to read choice novels, including contemporary American authors. Students will create written products, reflecting consideration of audience, purpose, and form, and culminating in a final portfolio, which will show growth in fluency, craft, and overall writing skill. The writing of this course will fall into three categories: Personal Narrative, Informative/Explanatory, and Argumentative. Notebooks will be used for daily writing, vocabulary building, and grammar or literary devices notes.

### **World Literature**

**1 credit (writing based)**

**Prerequisite: Literature and Composition II**

Analyzing global literature while expanding reading, writing, speaking, and listening skills will be the basis for this course. Students will investigate world cultures, discuss and compare these cultures to their own, and analyze these findings in various collegiate level essays and presentations. Although the required reading of this course mostly consists of classics, students will also be required to read choice novels, including contemporary global authors. The writing of this course will fall into three categories: Personal Narrative, Informative/Explanatory, and Argumentative. Current events will be used for daily writing and culture exposure, as well as notebooks for vocabulary building, and grammar or literary devices notes.

## **Reading Writing and Reflection**

**1 credit (writing based)**

**Prerequisite: Literature and Composition I**

This course will offer a study of literature and writing through themes including: historical research, courage & integrity, challenge & controversy, and choices & consequences this class is appropriate for students who want to read modern and contemporary literature in both fiction and nonfiction genres with more freedom of choice. Students can focus on a particular author or read various authors on various contexts including: sports, the great outdoors, music, military, farming, automotive, fantasy, and horror. course work combines popular and traditional readings with various reflective activities including: engaged reading, thoughtful writing, and active discussions.

## **Research and Composition**

**1 credit (writing based)**

**Prerequisite: American Literature**

Research and Composition is a writing class that will be especially valuable for the college bound student. Students will be expected to read and analyze seven novels, numerous short stories and other supporting texts, to gain an in-depth understanding of theme, characterization and plot, setting, style, and author. This course will also provide a basis for Literary Theories, a prerequisite for most college level English courses. The writing of the course consists of Personal Narratives (Senior Memory Book Chapters), numerous Informative/Explanatory, collegiate level essays, including a formal, lengthy research project, and collaborative blogs/online discussion forums.

## **Advanced Placement Literature & Composition**

**1 credit (writing based)**

**Prerequisite: Literature and Composition I & II, and American Literature OR World Literature**

This course is designed to engage the mature student in the careful reading and critical analysis of literature. The course follows the curricular requirements provided by College Board assessed by the AP Literature and Composition exam. will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. This course includes numerous pieces of Supporting Literature (poems, short stories, essays, etc.) to enhance the themes of the Literary Focus (the course novels.) By considering a work's structure, style, themes, use of figurative language, imagery, symbolism, and tone, students will be able to participate in thoughtful discussion and writing. Students will learn to read course texts thoroughly, taking time to understand a work's complexity, to absorb its richness of meaning, to analyze how that meaning is embodied in literary form, and to pass judgments on the effectiveness of the author's craft. Careful attention to both textual detail and historical context will provide a foundation for interpretation. assignments will primarily be expository, analytical, and argumentative. Students will also be required to participate in notebook quick writes, online discussion forums, fiction writing workshops, personal narrative workshops, group "book talk" blogs, and multi-genre research writings. Requiring students to write in a variety of genres increases ability in developing stylistic maturity, which includes a wide-ranging vocabulary, a variety of sentence structures, logical organization, specific illustrative detail, and an effective use of rhetoric. The course reading and writing stimulate and support one another in preparation for the AP exam in May.

## **Speech**

**1 credit (non-writing based)**

**Prerequisite: Literature and Composition I**

The ability to communicate effectively is one of the most important aspects of one's future. To be able to express individual ideas and opinions in such a way as to move an audience builds a strong character.

Students who desire to develop the skills of a leader should enroll in this course. Public speaking and effective debate techniques will be the foundation for this course.

## Drama

1 credit (non-writing based)

**Prerequisite:** Literature and Composition I

For those students who have a talent or desire for expression, a genuine interest in the Arts, or a curiosity of what lies beneath the surface of his or her personality, Drama is a recommended course. In this class, students will have an opportunity to explore the many facets of the theatrical world, including acting, technical theatre, history, play analysis, improvisation, and character exploration. Students will have the opportunity to experience many of these areas, resulting in the final class character exploration. Drama is a dynamic and fun course for all.

## MATHEMATICS

### Pathways to Required Mathematics Credits

<b>8th Grade Algebra</b>	Algebra II	→	Geometry	→	Choice of Math Elective
	Geometry	→	Algebra II	→	Choice of Elective
<b>High School Algebra</b>	Algebra II	→	Geometry	→	Choice of Math Elective
	Geometry	→	Algebra II	→	Choice of Elective
	Algebra IIA	→	Geometry	→	Algebra IIB

### Required Courses

#### Algebra I

1 credit

All students not receiving Algebra I credit in 8th grade will take Algebra I as their first math course at OHS. At the conclusion of this course, students will be placed in the appropriate course sequence based on their ability. This course will be rigorous and challenging, yet achievable by all students. Students who struggle to master the concepts in this course will be able to refine their skills by completing sequence A-B (see description above), while those who are proficient will continue on to sequence I-II (see description above). This course will bring together and extend many of the concepts taught in previous math classes and refine their skills as new concepts are introduced. The topics in this class will include the study of algebraic properties, linear functions, quadratic functions, power functions, and exponential properties. **This course should be taken prior to the MME as its content is covered on the test.**

#### Algebra II

1 credit

**Prerequisite:** Department Placement

Those students planning to continue post high school education in math, science, and computer related fields should take this course, however, any student prepared for this course will be placed in it. Students placed in this course have demonstrated solid proficiency in Algebra I and will be able to handle the faster pace of this

course. Although Algebra I content will be reviewed, it is not going to be a focus. The topics covered in this course will include quadratics review, polynomial functions, rational functions, exponential and logarithmic functions, sequence and iteration, transforming and operations on functions, conic sections, and probability reasoning. **This course should be taken prior to the M-STEP as its content is covered on the test.**

## Algebra IIA

1 credit

**Prerequisite:** Department Placement

This course is the first portion of Algebra II. Students who have shown a low proficiency in Algebra I will be placed in this course. In addition to taking Algebra IIB (which is required), students will have received the full Algebra II curriculum. This class is a college preparatory class as it will prepare students for the mathematical background needed for college programs that do not have an emphasis in math. This course will cover topics from Algebra I to improve the student's math skills. In addition, essential Algebra II topics that impact the ACT will be covered. The topics in this class will include the review of algebraic properties, linear functions, quadratic functions, and exponential properties. In addition, this course will introduce transforming and modeling with functions, polynomials functions, rational functions, exponential and logarithmic functions. **This course should be taken prior to the M-STEP as its content is covered on the test.**

## Geometry

1 credit

**Prerequisite:** Algebra I and Department Placement

This course will be taken by students in both sequences. The pace content of this class will be quicker and rigorous, however all students should be successful. This course will be beneficial for students interested in college or technical school. Topics in this course will include the study of figures and their properties, logic and proof, 2D and 3D calculations related to figures, congruence and similarity, transformations, and an introduction to trigonometry. **This course should be taken prior to the MME as its content is covered on the test.**

## Mathematics Elective Courses

### Pre-Calculus

1 credit

**Prerequisite:** Algebra II and Geometry

If you are serious about college, this upper level math class is for you. Pre-calculus covers many math areas including advanced algebra, trigonometry, the mathematics of physics problems, and analytical geometry concepts. When you finish the class you will be prepared to take calculus. You will be challenged mathematically in the class and have work everyday to complete.

### Calculus I

1 credits

**Prerequisite:** Pre-Calculus

Why cut your options short? Calculus is especially helpful if you are planning on entering a math or science field in college, but it will help everyone in our increasingly technical society. You will study elementary functions, limits, derivatives and their applications and be introduced to integration. You will be challenged mathematically in this class and have work every day to complete.

### Calculus II

1 credit

**Prerequisite:** Calculus I

This course is a continuation of Calculus I. It is especially helpful if you are planning on entering a math or science field, but will help everyone in our increasingly technical society. You will study many different aspects

of integration (methods and uses). You will also study logarithmic functions, exponential functions and inverse functions. You will be challenged mathematically in this class and have work every day to complete.

## **AP Calculus AB**

**1 credit**

**Prerequisite:** Pre-Calculus and completion of application

Advanced Placement Calculus AB is a course in introductory calculus with elementary functions. class is intended for students who have a thorough knowledge of college preparatory mathematics, including algebra, geometry, trigonometry, and precalculus. The main topics include: limits and continuity, derivatives, applications of the derivative, integrals, applications of the integral, and techniques of integration. course has a and intense pace, and requires a high level of both reading and math abilities for success. Students should expect several hours of homework each week, and a need for additional help from their teacher outside the classroom. individual colleges and universities determine appropriate credit and placement based on your exam score according to their local policies, the content of Calculus AB is designed to qualify students for placement and/or credit for . are not required to take the AP exam, however it is highly recommended **Cost:** Students are responsible for the cost of the AP exam, which is approximately \$90. Students with special financial considerations should see their counselor.

## **Statistics and Probability**

**1 credit**

**Prerequisite:** Algebra II

In this course you will learn to construct and analyze numerical arguments using data to support conclusions. A graphing calculator is a powerful tool that allows you to focus on understanding and communicating statistical information. Additionally, collection of data occurs regularly through projects, as well as looking at evidence provided by television and newsprint to better understand the application of statistics.

## **Approved Senior Math Credit Courses from Other Departments**

### **Financial Literacy**

**1 credit**

**Prerequisite:** Algebra I

### **Agricultural Business and Marketing Management**

**1 credit**

**Prerequisite:** Algebra I

### **Physics**

**1 credit**

**Prerequisite:** Physical Science

**Completion of Algebra II is recommended.**

**CACC—Completion of approved 2 year program.**

## **SOCIAL STUDIES**

### **U.S. History/Geography**

1 credit

**Prerequisite: None**

This course will present to you the causes and effects of political and socio-economic events. You will be concentrating on late 19th and 20th century historical events in America. Your grade will be based on tests and your ability to understand and analyze information as well as evaluating our nation's efforts to fulfill the roles within the Constitution.

### **World History/Geography**

1 credit

**Prerequisite: None**

The course will emphasize seven major themes of World History. There are significant events that recur throughout different eras of time. In understanding these critical events a student can then generalize and make connections to ones that are similar. You will learn about imperialism, communism/dictatorships, migration and cultural assimilation, religion, genocide, and diseases and technology that changed the world. In addition to the world history themes, geography will be included as a component to the course.

### **Economics**

1 credit

**Prerequisite: Civics Preferred**

In this class, you will learn about economic issues that affect your personal finances and also the finances of our nation and the world's economic system. You will learn about decision making processes that businesses use, as well as how to evaluate fiscal policy as it relates to economic growth, spending, and tax policies. You will learn about supply and demand and the positives and negatives of an economic system based on voluntary exchange. In addition, you will compare various types of economic systems that exist in the world.

### **Civics**

1 credit

**Prerequisite: US History**

You will be introduced to all levels of government in our democracy. Federalism, constitutional rights, the judiciary, executive and legislative branches will be examined to provide students the necessary insight to become a responsible citizen. National and state government will be compared and analyzed to determine why public policy evolves and how it impacts on the individual student. You will investigate and discuss the impact of government, the election process and citizen responsibility through inquiry; current events.

### **Social Issues**

1 credit

**Prerequisite: World History and Civics**

How does what is happening in the world affect you? The focus of this class will be national and international issues that affect you, including existing and future problems. Television, radio, and printed news media will be used to present the most current topics. Using information from the course will give you the opportunity to discuss, debate, read and write about issues from a base rather than a bias.

### **Psychology**

1 credit

**Prerequisite: Biology**

Are you interested in how the mind works? Do you sometimes wonder why people behave the way they do? Psychology is the study of the mind and behaviors. In this class, you will learn how the mind operates and why people behave in specific ways. You will learn general functions of the mind, abnormal behaviors, development of the mind beginning at birth, various personality types, and how and why you experience emotions.

## **SCIENCE**

### **Science Sequence Options**

**Option 1**     Biology    →    Physical Science    →    Any 2 Science Electives

**Option 2:**    Biology    →    Chemistry            →    Physics            →    Any Science Elective

### **Science Required Courses**

#### **Biology**

1 credit

**Prerequisite: None**

In Biology, you will gain an understanding of the complexity of life, the interactions amongst living things, and the limits of science through scientific inquiry, reflection, and social implication. This hands-on course includes the State of Michigan biology “core” course content expectations. Topics of study include cell differentiation, proteins, homeostasis, energy transfer, internal/external cell regulation, human impact, environmental factors, protein synthesis, genetic variation, recombinant DNA, molecular evidence for the theory of evolution, and natural selection. You will participate in numerous laboratory activities, create models and complete projects.

#### **Physical Science**

1 credit

**Prerequisite: None**

Physical science is an introductory course where students will learn physics and chemistry curriculum. This course students will experience inquiry based learning as they identify properties of common families of elements, how elements differ in structure and electrical charges, the risk/benefit balance of using household and agricultural products, the development of new products by the breaking of bonds and rearrangement of atoms, and how atomic nuclei change. , students will study the introductory concepts in which includes: motion of objects, Newton's laws, the conservation of energy, electrical circuits, optics, waves, and common interactions of matter. By completing this course, students will have gained skills in problem solving as well as how to apply their knowledge to practical applications and products.

### **Science Elective Courses**

#### **Chemistry**

1 credit

**Prerequisite: Biology**

This course will provide a basic introduction to the major concepts of chemistry. This course aligns with the State of Michigan Content Expectation and fulfills the college admission requirement for chemistry. This course uses a conceptual, less mathematical approach to chemistry. In this course students will discover the nature of substances in your environment and understand the changes that occur when substances react. A major component is laboratory work where student use observation and data to understand the fundamentals

of chemistry. This class is designed to prepare students for a college chemistry class for non-science majors or minors.

### **Physics\***

**1 credit**

**Prerequisite: Physical Science, Algebra II (or concurrently)**

This course will provide a basic introduction to the major concepts of physics, and with the State of Michigan Content Expectation and fulfills the college admission requirement for physics. course is designed to prepare students for a college level introductory physics course. course is an active hands-on, inquiry based, solving class where you will understand the dynamic world we live in and apply these dynamics to situations. of study include motion, forces, gravity, energy, sound, and light. Emphasis is placed on student activity, demonstrations, and projects as well as use of common everyday examples.

\*Fulfills math elective credit requirement and senior year math experience.

### **Accelerated Chemistry**

**1 credit**

**Prerequisite: Biology**

Students who plan to follow a science related career pathway will benefit from this course course is beneficial for those intending to pursue a science major or minor. course will provide an in-depth coverage of the major concepts of chemistry preparing them to be successful in a college chemistry course. course aligns with the State of Michigan Content Expectation and fulfills the college admission requirement for chemistry. course will emphasize theory, problem solving, mathematical calculations, and laboratory skill and precision. major component is laboratory work where you use data to understand the fundamentals of chemistry.

### **Advanced Biology**

**1 credit**

**Prerequisite: Biology**

In this hands-on project based college preparatory course, students will study aquatic and land organisms in their outdoor ecosystem and evaluate human influences. environmental science and investigate solutions on a local and worldwide scale. the differences amongst bacteria, viruses, protista, and fungi and when are they helpful and harmful to us. Study genetics and the inheritances that are occurring in everyday lives of humans and how genetics and mutations affect populations, biodiversity, and natural selection. There are many biochemicals and reactions critical for survival and they will be studied via many simulations and laboratory experiments, some designed by students. Topics: non-Mendelian genetics, polygenics, glycolysis, cellular transport, mutations, meiosis, natural selection, biodiversity, population dynamics, differentiation, pathology, fermentation, enzymes, climate change, pollution tolerance, cellular structure.

### **Anatomy and Physiology**

**1 credit**

**Prerequisite: Biology**

This course will use a variety of methods including simulations, dissections, model construction, and internet activities. Students will engage in dissections of multiple organs and the entire rat, construct 3D models, perform and understand self health assessments such as blood pressure, perform experiments using sensors and other equipment to find often surprising results about the human body. You will learn about the skeletal, muscular, excretory, endocrine, respiratory, nervous, and sensory systems of the human body and how their proper functioning is necessary to promote overall health. You will participate in laboratory activities, projects, dissections, note taking, readings and watching graphic videos. Self-directed learning is a significant skill utilized in this class and is excellent preparation for health science studies at the CACC or in college.

## **Botany**

**1 credit**

**Prerequisite: Biology**

Botany is a science based elective course based on agri-science curriculum developed by the Michigan State University Department of Agriscience. course is designed for students having interest in plant and soil science. course provides the opportunity for hands on experiences as students learn about the anatomy and functions of plants, and the role of soil, nutrients and integrated pest management. topics will include: field crop and horticulture production, nutrition, environment, hydroponics, germination, and plant reproduction.

## **Forensic Science**

**1 credit**

**Prerequisite: Biology and Physical Science or Chemistry**

This class is an elective, inquiry-based science course that will focus on criminal forensics. Through a sequence of lab activities, students will gain an understanding and appreciation of the role of science in crime scene investigation. These activities may include analysis of: physical evidence; samples of body fluids (simulated in class); hair and fibers; casts of shoe and tire prints; fingerprinting; handwriting; insect collecting; crime scene measurements and reconstruction; blood and blood spatter; simulated drug evidence; chromatography; DNA; chemical analysis; trace evidence; and toxicology. Student will learn through lectures, simulations, modeling, projects, discussions, laboratory investigations, videos and more. Emphasis is placed on critical thinking and problem solving skills as they relate to crime scene analysis. These skills will be fostered within a cooperative framework, as there will be extensive group work. Writing is an integral part of the course including laboratory reports, in addition to analyzing case studies.

## **Environmental Science**

**1 credit**

**Prerequisite: Biology and Physical Science or Chemistry**

This class is an elective, inquiry-based science course that will focus on environmental science. Through a sequence of lab activities, students will gain an understanding and appreciation of the impact humans have on the environment. These activities may include analysis of: Ecology, including biotic and abiotic factors, ecosystems and biomes; Populations, including stability and change; Water, Air and Land, including human alteration and biogeochemical cycles; and Mineral and Energy Resources, including resource availability, allocation, conservation and alternatives, and human impact on the global ecosystem. Students will learn through lectures, simulations, modeling, projects, discussions, laboratory investigations, videos and more. Emphasis is placed on critical thinking and problem solving skills as they relate to environmental science. These skills will be fostered within a cooperative framework, as there will be extensive group work. Writing is an integral part of the course including laboratory reports, in addition to analyzing environmental data.

## **AP Chemistry**

**1 credit**

**Prerequisite: Accelerated Chemistry, or Chemistry (with teacher approval), Algebra II (or concurrently)**

Advanced Placement Chemistry is a college level chemistry can be equivalent to a full year of college chemistry. course is rigorous and intense, and requires both writing and mathematical abilities for success on the AP exam. colleges may grant up to 8 credits for a 4.0 or 5.0 on the A.P. exam. interested in a science-related major will find chemistry is a requirement for most science-related majors, additionally almost all college students are required to complete at least one science course. curriculum and textbook for this course are determined and required by the College Board who administers the AP exam in May. are not required to take the AP exam, however it is highly recommended. Students completing this course should expect several hours of homework each week, need for additional help from their teacher outside the

classroom. Cost: are responsible for the cost of the AP exam, which is approximately \$90. Students with special financial considerations should see their counselor .

## **PHYSICAL EDUCATION**

One semester of Physical Education/Health is required for graduation. Some of you may ask why? The greatest reason is YOUR HEALTH. A high percentage of youth in the United States cannot achieve a basic level of fitness. Physical exercise helps reduce many health risk factors. High blood pressure, stress, high body fat, high cholesterol levels, low flexibility and low upper body strength are some of the risk factors apparent in young adults. Physical Education class helps you set a pattern of physical activity for the rest of your life.

### **Physical Education**

**0.5 CREDIT**

**Prerequisite: None**

This class is designed for you to participate in a wide variety of activities. These activities will stress the importance of endurance, strength and flexibility through team and individual sports, and fitness workouts. Lecture time will cover topics regarding your physical fitness and health. Activities include: Soccer, football, basketball, Capture the Flag, floor hockey, softball, volleyball, walking, badminton, table tennis, and fitness.

### **Health**

**0.5 CREDIT**

**Prerequisite: None**

The Health component is designed to help you understand three main areas of health. You will study nutrition to better understand the importance of exercise and a proper diet. You will study alcohol, tobacco, and other drugs and the effects they have on your body. In the sex education unit, you will learn about the physical and emotional impact that sex has on your body. The curriculum is an abstinence-based curriculum that shows you how and why to abstain from sex. We will look at the different methods of birth control. Emphasis will be on failure rates, risk of disease, potential side effects, and sexually transmitted diseases as well.

### **Advanced Physical Education**

**1 CREDIT**

**Prerequisite: Physical Education/Health**

This is a course developed to enhance your personal coordination, strength, endurance and flexibility through the use of aerobic movement and weight training. Two to three days per week are spent in the weight room on a weight-training program. The remainder of the week will be spent in games involving your cardiovascular system.

### **Fitness Workshop**

**1 CREDIT**

**Prerequisite: Physical Education**

This class is designed for those who want to work on their personal fitness. Fitness programs will be designed to work on areas of fitness deficiencies. Activities used to work on these deficiencies are: weight training, isometrics, calisthenics, circuit training and cardiovascular games.

### **Healthy Living, Nutrition and Exercise**

**1 CREDIT**

**PREREQUISITE: P.E., HEALTH, BIOLOGY**

This class is the study of the human body as related to exercise and physical activity from an applied, life style perspective. Students of all physical fitness levels will learn about the effects of nutrition and physical activity on the body and their health. Regular activities students will participate in are privately logging and analyzing personal data such as blood pressure, resting heart rate, recovery heart rate, surveys, strength tests, flexibility tests, weight, skin fold tests, among other things. Activity and collected data will be integrated into units of study such as metabolism, biomechanics, exercise psychology, motor behavior, fitness management, and nutrition for optimal health. Excellent foundation for further health related studies at the CACC or college.

**FINE ARTS**

Appreciating art, music, and drama is important to becoming a well-rounded person . Participating in the arts allows you time to explore your creativity, develop life long activities, and appreciate cultures.

**Performance Arts Courses**

Both Band and Choir classes are year long skinny courses. A student choosing a year-long skinny course understands that they are making a commitment to complete the full year of said course. Grades and credit are based on individual skills as well as group performances scheduled outside the regular school day and will be awarded at the end of the year.

**Varsity Chorus**

1 credit

**Prerequisite: None**

Do you believe music can be fun? Do you want to perform and experience music but do not play an instrument? Do you eventually want to be a serious vocal musician, but need to improve your skills and experiences first? Then Varsity Chorus is for you. Students will be part of a large choir that will perform a variety of musical styles including pop, Broadway and musical selections, high-energy spirituals and holiday music, as well as be introduced to some more traditional choral styles. You will vocalize daily, sight-read exercises to improve musical skills and be exposed to basic music theory. You will develop an awareness of the physical mechanics of singing and know the proper manner to produce good choral tone. Group cooperation and proper concert etiquette will also be achieved. This group will prepare four major concerts, both independently and in cooperation with other choirs.

**Fortissimo Choir**

1 credit

**Prerequisite: Audition**

Are you ready for an exciting choral music experience that will be both demanding and fun? Membership in this group is for the serious musician and requires a great deal of individual skill and discipline. Students will perform at several concerts, noncompetitive and competitive festivals throughout the year. This small ensemble of 20-25 members will perform four or six part music in a variety of music genres and languages. Singers will vocalize daily, sight read to improve musical skills and continue their study of music theory. Teamwork is a must for this hard working, fast paced ensemble that will perform often in the mid-Michigan area. This course will refine existing skills and promote new growth as well as promote mind development and discipline through music. Fortissimo is a year-long course with enrollment set at spring auditions the previous school year. You are urged to audition early, as enrollment is limited.

**High School Band**

1 credit

**Prerequisite: Prior band experience or instructor approval**

In High School Band you will have the opportunity to develop and refine technical proficiency and improve your performance skills as you enjoy your creative musical experience. The development of musical concepts, tone production, ear training, and musical performance are key elements for this class. You will develop personal and group goals, as well as leadership skills. You will participate in marching and concert bands and have the opportunity to perform in solo and ensemble festivals and pep band. As a requirement for being a member of the marching band, you must attend marching band camp, Friday home football games, Tuesday night rehearsals, and any Saturday marching competitions or festivals. In concert band, you will perform in several concerts and festivals.

**Jazz Band****1 credit****Prerequisite: Audition**

In this class, you will learn how to read and perform jazz music, as well as learn about the history and development of Jazz music. You must participate in the High School Band to be eligible, unless special permission is received from the High School Principal and Band Director. The instrumentation of the Jazz Band will include alto and tenor saxophones, trumpet or cornets, trombones, bass trombone, bass, piano, jazz guitar, and trap set. Students do not need prior jazz experience to participate. The Jazz Band will perform at several concerts and festivals throughout the year.

**Visual Arts Courses****Art & Design****1 credit****Prerequisite: None**

In Art and Design you will explore the basic elements of art and principles of design. Some of the mediums that are often explored over the course of the semester are pencil, acrylic or tempera paint, charcoal, colored pencils, pen and ink and mixed media. Emphasis is placed on problem solving and designing while using the principles of design to create a wide variety of works of art. Three dimensional methods will also be explored. Some possibilities that may be explored are clay, mobiles or stabiles, papier-mâché and or wire. You will maintain a working portfolio and a sketchbook to develop your individual ability.

**Practical Design****1 credit****Prerequisite: Art & Design**

Practical Design is a functional art class for students who enjoy working with their hand to produce objects that are not only visually attractive, but also useful. Many skills taught in this class can transfer to lifelong hobbies or develop into a trade for the avid craftsmen. Projects such as ceramics, mosaic, jewelry, tie dye, calligraphy, scrap booking and stained glass will provide for the use of common materials and techniques. Keeping a notebook with all instructions is a key component of this class. A foundation in the elements and principles is strongly recommended for this class.

**Two Dimensional Design****1 credit****Prerequisite: Art & Design**

The focus of this class is on the creation of two-dimensional artwork. Using a variety of art media, you will be challenged to solve the problems of 2-D design while mastering techniques of drawing, collage, painting and printmaking. Through direct observation, imagination, reference to the great masters and some contemporary artists, composition will be taught. You will maintain a working portfolio and an extensive sketchbook to develop your personal artistic style and ability.

## **Ceramics – Sculptural Objects**

### **1 Credit**

#### **Prerequisite: Art and Design**

This class involves the design and creation of ceramic sculptural ceramic forms. Investigation of the entire process, from idea development through presentation of finished form, including clay forming, surface treatment and critiquing final pieces will be an emphasis of this class. You will learn basic hand building techniques, advanced hand building and a variety of surface finishes. Assignments will include experimentation and documentation of glaze reactions and building sculptural forms inspired by abstract, realism, fairytale and contemporary ceramicists. Decorating techniques may vary according to aesthetic appeal of each form. Journaling/written reflections are a key component of this class. Students will also investigate ceramic artists in order to develop a piece based on an artist's work.

## **Ceramics – Functional Objects**

### **1 Credit**

#### **Prerequisite: Art and Design**

This class involves the design and creation of functional ceramic forms. Investigation of the entire process, from idea development through presentation of finished form, including clay forming, surface treatment, and throwing on a pottery wheel will be an emphasis. You will learn hand building techniques, the basics of throwing on a potter's wheel and a variety of finishes appropriate for functional ceramics. Assignments will include the formation of functional vessels with an emphasis on becoming proficient and even mastery of the pottery wheel. Decorating techniques may vary according to functional and/or aesthetic appeal of each form. Journaling/written reflections are a key component of this class. Describing, analyzing, interpreting and judging final pieces will be a key part of the oral and written critiques. Students will also investigate ceramic artists in order to develop a piece based on an artist's work. A background in design is required to be successful in this class.

## **Sculpture**

### **1 credit**

#### **Prerequisite: Art & Design**

The focus of this course is on the creation of three-dimensional works of art. Each sculpture you create will build on your foundation of the elements and principles of art and incorporate key fundamentals of form such as mass, natural made, human made, organic, geometric, hard form, soft form, open form, closed form, positive and negative space. You will apply the elements and principles of design in creative ways to solve or resolve visual and in some cases structural problems. Describing, analyzing, interpreting and judging final pieces will be a key part of the oral and written critiques.

## **WORLD LANGUAGE**

Learning a World Language is an integral skill to obtain prior to entering college, as well as living in the world today. Two World Language credits are required for students in the state of Michigan. However, one of these credits may be waived by taking a second fine art credit or completing a program at the Calhoun Area Career Center. Depending on your future plans, many colleges may recommend two or more credits of a World Language to be considered for admission. Start planning for your future today!

## **Spanish I**

### **1 credit**

#### **Prerequisite: None**

Students will learn to express themselves and begin introductory communication skills in Spanish. The main purpose of this course is to make the student familiar with Spanish and be able to communicate with their fellow classmates and teacher. Students will also have the opportunity to learn about the cultures of Spanish-speaking countries.

## **Spanish II**

**1 credit**

**Prerequisite:** Spanish I

Students will continue to study Spanish and learn to apply language skills in school, at home, at work and while traveling. The students will engage in conversations and written expression to help become more fluent in the language of Spanish.

## **Spanish III**

**1 credit**

**Prerequisite:** Spanish II

Students will continue their journey into becoming more fluent in the language of Spanish. The major focus of Spanish III is to utilize and learn vocabulary and grammar in conversing and writing. The majority of the activities and assignments will involve interactions between students. Writing in the target language will also be practiced and emphasized.

## **Spanish IV**

**1 credit**

**Prerequisite:** Spanish III

Students will utilize the skills of reading, writing, listening and speaking at an accelerated pace. The focus of Spanish IV will be to learn more grammatical tenses and vocabulary. This class will also prepare students to test into higher level classes at the college level.

# **BUSINESS AND TECHNOLOGY**

## **Digital Web Design**

**1 credit**

**Prerequisite:** None

This course is a project-based class that teaches digital communication skills in the context of web design and development process, using Adobe web tools. Digital Design will develop four key skill areas: project management and collaboration, design, research and communication, and professional web-authoring tools. The class addresses each of these areas, using a project-based approach. Each project has phases that follow a design and development process, from project planning and analysis to evaluation and distribution. Students gain experience through real-world projects that help them better understand the roles and processes across a broad range of careers involving digital design. To simulate a professional work environment, students gradually migrate their design work from an individual process to a group process, integrating personal creativity with client expectations. Students will have the opportunity to take, free of charge, the Certiport Certification test in "Web Communication using Adobe Dreamweaver." Certiport certification is a nationally recognized accreditation.

## **Visual Graphic Design**

**1 credit**

**Prerequisite:** None

Graphic design develops career and communication skills in digital print productions using Adobe tools. From planning to evaluation, each project develops knowledge in photography, graphic design, and print production

through emphasis on four skill areas: design, communication, project management, and image and print technology. This course addresses each of these areas, using a project-based approach. Each project has phases that follow a design and development process, from project planning and analysis to evaluation and distribution. Students gain experience through real-world projects that help them better understand the roles and processes across a broad range of careers involving visual design. To simulate a professional work environment, students gradually migrate their design work from an individual process to a group process, focused on client work. Students will have the opportunity to take, free of charge, the Certiport test in “Visual Communication using Adobe Photoshop.” Certiport certification is a nationally recognized accreditation.

### **Publications**

1 credit

#### **Prerequisite: None**

This class will introduce students to the fundamentals of journalism as they apply to newspaper and yearbook production. Students will learn about the ethical and legal responsibilities of a journalist, in addition to staff organization, reporting, writing, advertising, production, design, and photojournalism. As a student journalist, students will also receive specialized computer training for the newspaper and yearbook.

### **Internet and Computing Core**

1 credit

#### **Prerequisite: None**

The Internet and Computing Core Certification (IC3) is comprised of three individual examinations: Computing Fundamentals, Key Applications and Living Online. The Computing Fundamentals examination covers a foundational understanding of computer hardware, software, operating systems, peripherals, and troubleshooting to help you get the most value and impact from computer technology. The test is created through certiport.com and is an internationally recognized test. This class will prepare students to obtain the IC3 certification.

### **Financial Literacy\***

1 credit

#### **Prerequisite: Algebra I**

This elective math class is not to be taken until all required non-elective classes have been taken. This course will enable students to implement decision-making skills that apply to becoming a wise and knowledgeable consumer, saver, investor, user of credit, money manager, citizen, and member of a global workforce and society. The main topics that will be covered in this class are income, careers, credit, debt, saving, investing, financial planning, money management, financial responsibility, decision making, risk management and insurance.

\*Fulfills math elective credit requirement and senior year math experience.

## **AGRICULTURAL BUSINESS AND SCIENCES**

### **Large Animal Veterinary Science**

1 credit

#### **Prerequisite: Biology**

Do you want to learn about the basics of large animal veterinary science as it relates to farm animals such as cattle, sheep, goats, horses and chickens? We will explore the basics of veterinary science including: dissection of the body systems of animals, disease prevention and control, how to restrain and take vital signs of animals, determine animal nutritional needs and explore the veterinary career. Part of this class will involve working with live animals. This exploratory class will provide you with basic animal health care skills while allowing you to know if this is a good career choice for you. Fulfills science elective graduation requirement.

## **Agricultural Leadership**

1 credit

**Prerequisite:** None

Would you like to improve your ability to lead a group? In this class you will learn how to efficiently run meetings, plan activities, organize and direct people, deliver effective presentations, and assess your leadership style. Service learning is an important component including a class project and individual projects. The class will be conducted using a business-like style. You will be required to read and reflect on your own leadership style. OHS has an articulation agreement with KCC for this course.

## **Agricultural Business and Marketing Management\***

1 credit

**Prerequisite:** Algebra I

Would you like to run your own business someday? Would you like to better understand how businesses and the commodity markets are set up? In this class you will complete projects related to selling a product, setting up a mock business, and complete a simulation in which you “invest” in the commodity markets. You will also learn how credit works, the steps to getting a loan, investment strategies, record keeping skills, different business styles, and other employability skills. Fulfills senior math graduation requirement.

\*Fulfills math elective credit requirement and senior year math experience.

## **MISCELLANEOUS**

### **Academic Intervention**

1 credit

**Prerequisite:** Assigned by established academic criteria

This class is designed to provide students with the academic support necessary to be successful in core academic classes. You will be supported through review of prerequisite knowledge, practice of academic habits such as organization and study skills, as well as other needed help to improve homework completion and test scores. This course is assigned to specific individual students who have been identified after screening the previous year’s information. This may include, but not limited to, grades, attendance, NWEA scores, M-STEP scores or academic behaviors.

### **State Test Preparation**

1 credit

**Prerequisite:** Recommended for 11th grade students

This class is designed to provide the necessary overview of the content of the Michigan Merit Exam (MME) and the strategies necessary to perform well on a standardized assessment. Additionally, it will offer each student with the opportunity to review essential elements from math, English Language Arts, social studies and science in preparation for this assessment. It will focus on college admission, career readiness, and online test practice as part of the MME. It will be scheduled for the 1st semester in each school year for all students taking the MME.

## **SPECIAL EDUCATION**

### **Language Intervention (LI)**

1 CREDIT—ELECTIVE

**PREREQUISITE:** IEP

Language Intervention is a special education course intended to improve reading, writing, grammar, and spelling skills. Learning goals will be from the Common Core State Standards, and will focus on students’ IEP

goals and objectives. This course is for those with an IEP who need additional skills and support for general education ELA courses or are on Certificate of Completion. Instruction is primarily focused on developing study skills and strategies to enable students to be more effective communicators, readers and writers. Additional outcomes are to develop organizational skills, plan and track assignments, improve communication skills that include: speaking, listening, writing and reading. A variety of materials are used to do this, including: reading leveled texts with both stories and informational pieces; practice worksheets; vocabulary practice; informational texts such as news articles and web-based research; novels; graphic organizers and rubrics for writing; and much more.

### **Academic Resource Math (ARM)**

**1 CREDIT—ELECTIVE**

**PREREQUISITE: IEP**

Academic Resource Math is a special education course designed to develop the skills necessary to be successful in their future math courses. Learning goals will be from the Common Core State Standards, and will focus on students' IEP goals and objectives. This course is for students who need additional and support for general education math courses or are on Certificate of Completion. ARM covers a range of topics, from the review of basic facts to CCSS mathematical practices in order to help the student develop the skills necessary to understand and solve mathematical problems. Additional outcomes are to develop learning strategies, organizational skills, track assignments, and improve communication. We will be relating what we learn in this course to everyday math encounters, such as tipping, percentages off of items, income, hourly rates, and more. Students will also be developing problem solving, test taking, organization, and advocacy skills to help them be as successful as they can during their high school career. Learning targets will be developed based on the needs of the students and their current mathematical understanding.

### **Study Skills**

**1 CREDIT—ELECTIVE**

**PREREQUISITE: IEP**

This is a class provides students support services required in an IEP that develops academic skills such as time management, note taking, organization, homework completion, among other things. Led by a special education teacher, the activities are differentiated for each student's academic needs and areas of support.

## **CAREER PREPARATION SYSTEM**

Personal aptitudes and interests are important factors as students begin to identify career opportunities. The Career Pathways at Olivet High School give flexible identity and structure to the student career preparation of our students. Career Pathways are included at each grade level, as a means of preparing students for their futures.

Establishing an Educational Development Plan (EDP) is achieved through the Career Pathways process. The Educational Development Plan is for each learner to develop, document, and periodically update a unique plan of career and educational preparation goals. The EDP provides guidance in taking effective steps to enter or to advance in a career pathway of choice.

Career Pathways are broad groupings of careers that share similar characteristics and whose employment requirements call for many common interests, strengths and competencies. The desired outcomes of career preparation are student achievement and ultimate success in a career(s) of choice. Career Pathways provides a useful framework to aid both students and educators in making those connections to the working world. Six Career Pathways have been identified to cover all career opportunities regardless of educational requirements.

### **Arts and Communications**

Careers related to humanities, the performing, visual, literary and media arts.

### **Business, Management, Marketing, and Technology**

Careers related to all aspects of business including accounting, business administration, finance, information processing and marketing.

### **Engineering/Manufacturing and Industrial Technology**

Careers related to technologies necessary to design, develop, install or maintain physical systems.

### **Health Sciences**

Careers related to the promotion of health as well as the treatment of injuries, condition and disease.

### **Human Services**

Includes careers in childcare, civil service, education, hospitality and the social services.

### **Natural Resources and Agriscience**

Careers related to natural resources, agriculture and the environment.

**CALHOUN AREA CAREER CENTER**

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***Arts & Communications*****Graphic Communications Technology**

Students explore and develop skills in all aspects of the graphics industry, from design to completion of printed media. Students use professional graphic software programs to design media, such as calendars, posters, and other printed messages. Students also learn skills in the production printing stages of pre-printing, printing, and finishing. Successful students will be prepared to enter careers in most areas of the Graphics field as well as obtain advanced placement in related college programs.

**Business, Management, Marketing, & Technology****Computer Networking**

The Computer Networking Program focuses on network hardware and servers in alternating years. The hardware portion of the class teaches students how to build and repair computers, pull telecommunication cables, program Cisco routers and switches, and configure network clients. The server portion of the class teaches students how to manage Linux servers and program them using C++. Successful students will have the opportunity to take the following industry tests: Cisco Certified Entry Network Technician, CompTIA Linux+, A+, and Network+.

**Culinary Arts/Hospitality**

The Culinary Arts/Hospitality Program is designed to be a two-year program that incorporates the National Restaurant Association's "ProStart" curriculum. Students will explore potential career paths in the foodservice industry, with emphasis on technical skills, customer relations, restaurant organization, and the ServSafe sanitation program. Students will complete career exploration and study projects in the hospitality industry, which includes lodging and travel and tourism. Students who successfully complete the program will receive nationally recognized certificates.

**Engineering/Manufacturing & Industrial Technology****Automotive Service Technology**

The Auto Service Technology (AST) Program prepares students for entry-level positions in the automotive industry. The automotive areas of brakes and electricity/electronics are emphasized. Instruction is also provided in the engine repair and performance and steering and suspension areas. In addition, extensive instruction is given on basic automotive skills such as hand tools, power tools, oxygen/acetylene torch operation, and shop safety. AST utilizes the National Automotive Education Foundation (NATEF) program standards.

## **Aviation Exploration**

Aviation Exploration is designed for students interested in any career in the aviation industry, and offers college credit for their work. The program exposes students to multiple aspects of the industry, whether they want to be an aircraft mechanic, a pilot, air traffic controller, or work in aviation administration. This broad, survey course is their passport into the industry. Additionally, students will be taking the equivalent of three (3) Western Michigan University courses for a total of 7 transferrable credits: Course 1200 – Introduction to Aviation (2 credits); Course 1220 – Aircraft Systems (3 credits); and Course 1230 – Aircraft Systems Lab (2 credits). The program is designed to guide successful students into the joint enrollment program with Kellogg Community College and Western Michigan University College of Aviation for their specific technical studies.

## **Collision Repair Technology**

Students learn basic hands-on skills including sheet metal repair, M.I.G. welding, plasma arc cutting, uni-body repair, sanding techniques, plastic repair, refinishing techniques, and other related tasks. Students will specialize in painting and refinishing using NATEF program standards. Emphasis is placed on the repair of damaged vehicle exteriors.

## **Computer Aided Design/Computer Aided Machining**

The Computer Aided Design/Computer Aided Machining Program will give students an entry-level exploration in careers in the engineering pathway. Students will learn how products are created using advanced technologies such as computer aided design and computer numerical controlled (CNC) machinery to create parts. Students will use the skills they learn with real clients, and build a project that helps others in our community.

## **Construction Technology**

Students develop practical and intellectual skills needed in construction trades. Through the building of a new house, students demonstrate skill mastery in most aspects of construction. Students learn the fundamental components of the following systems: drywall, painting, framing, roofing, and roof coverings. In addition, students will install floors, walls, partitions, siding, cabinetry, and trim in a practical, hands-on laboratory and school-supervised job site environment.

## **Power Equipment Technology**

This program introduces students to the fundamental skills required to enter the exciting field of repairing powered equipment, beginning with an introduction to basic fabrication skills, including welding, soldering, plasma cutting and precision measuring. Students learn to troubleshoot and repair all types of equipment from weed whackers to generators, to riding mowers and semi trucks. This NATEF certified medium and heavy truck repair program covers five key areas of repair: electrical systems, engine repair, steering and wheel alignment, preventive maintenance and inspection, and brake systems (air and hydraulic).

## **Welding Technology**

The Welding Technology Program prepares students for skills in stick-arc, Metal Inert Gas, Tungsten Inert Gas, and oxy-fuel welding. Students spend time in welding booths and transfer learned skills doing repairs and projects. Students will also be involved in regional and state competitions in metalworking, and welding competitions competing against other schools and career centers throughout the state. Also, students can earn articulation credits (free college credits) at local colleges and universities in Michigan for tasks completed here at CACC.

## **Health Sciences**

## **Health Careers Prep**

Health Careers Prep is designed for those students who have an interest in health careers but are looking for something less traditional. The program offers a wide range of experiences, which include exposure to college level course work with the opportunity to obtain college credit. A course in medical assisting will provide students with basic medical skills in patient care, records management, and medical communication. Students will explore careers such as sports medicine, substance abuse counseling, dietary science, and forensic science. The area of study will vary from year to year based on student interest and the job market, which is unique to this program.

## **Health Occupations**

The Health Occupations Program offers courses to students who are interested in exploring careers in the health career field. This program integrates anatomy and physiology, body systems and their respective diseases and disorders, medical terminology and abbreviations, CPR and First Aid certification, and many more entry-level skills to work in a variety of health care settings. The classroom structure includes lecture, laboratory experiences (hands on), field trips to various health career venues, and an opportunity for job shadowing. Unique to this program is the opportunity for students to be exposed to medical assisting, dental assisting, veterinary assisting, nursing assisting, pharmacology, and physical therapy with an emphasis in sports medicine. All areas of study in this program conform to the Michigan Department of Education guidelines for health studies.

## **21<sup>st</sup> Century Health Careers**

The 21st Century Health Careers Program is designed to introduce high school juniors and seniors to potential career paths in the healthcare industry. The program is a partnership between Bronson Battle Creek, Kellogg Community College, and the Calhoun Area Career Center. Students will receive an introduction to a variety of health career skills including: clinical skills, medical ethics, human anatomy, communication, medical terminology, emergency procedures, and many more. During the two years in the program, students will take three (3) Kellogg Community College classes, for a potential total of eleven (11) college credits. Following the introduction, students spend a portion of each month in a hospital or other medical setting. Students become part of an interesting and challenging team, learning new skills with professionals in the medical field. This program has required prerequisites.

## ***Human Services***

### **Early Childhood Education**

The Early Childhood Education Program provides students an opportunity to explore education as a career field. It prepares students to work with and educate children from birth through eight years of age. Students will gain skills and knowledge in development, discipline, health, safety, communication, planning, preparing, and presenting activities. The program also provides the students with practical work experience in our preschool and various programs in the community. Upon successful completion of the program, students can earn articulation credits (free college credits) at a local college and university in Michigan.

### **Education Academy**

The Education Academy Program provides students an opportunity to explore education as a career field. In addition to coursework at CACC, students will cadet teach at various K-12 education sites within the Calhoun Intermediate School District. Local educators will act as mentor teachers. Students will examine the multiple responsibilities and roles of K-12 teachers, classroom management, learning styles, instruction, curriculum, and professional skills. This program will assist students with college and career planning. Upon successful completion of the program, students can earn articulation credits (free college credits) at a local colleges and universities in Michigan. This is an application process program.

## **Law Enforcement/Criminal Behaviors**

Law Enforcement/Criminal Behaviors will focus on the major areas of criminal law and procedures, and criminal behavior. Law Enforcement students will explore and prepare for careers in criminal justice, corrections, and related fields. Major areas of study include: Police investigation, criminal psychology, crime scene investigation (CSI), corrections, legal issues, security, human relations, police operations, and administration.

Criminal Behaviors students will explore the minds of the criminal, what motivates them, and the methods behind their actions. Criminal Behaviors will take the student from the elementary level of criminal psychology into the minds of some of the most notorious criminals. Students are given the opportunity to solve some of the most bizarre crime scenes. This is an application process program

## ***Natural Resources and Agriscience***

### **Food Science & Technology**

The Food Science and Technology Program is designed for students interested in pursuing a career in the global food science and technology industry. Students will understand how pieces of biology, chemistry, and engineering are used to improve the taste, nutrition, value, and safety of the world's food supply. Completion of the program will provide students with a basic understanding of food science, and of the science and technology needed to develop and manufacture food products from farm to fork. Students will have hands-on opportunities to explore areas of food safety, manufacturing, and product development through lecture, labs, and field trips. In addition, students will have the opportunity to learn how to create, develop, and market their own food product.

It is the policy of the Calhoun Intermediate School District to provide an equal opportunity for all individuals and not to discriminate on the basis of religion, race, color, national origin, ancestry, sex, disability, height, weight, marital status or age in its programs, services, activities or employment. With respect to employment, the District does not discriminate on the basis of genetic information. The following person has been designated to handle inquiries regarding the district's nondiscrimination policies. Assistant Superintendent for Human Resources, Calhoun Intermediate School District, 17111 G Drive North, Marshall, MI 49068; (269)781-5141 or (269)781-7071.