



Walled Lake Consolidated Schools Program of Studies 2025 - 2026

Walled Lake Central High School

6000 Bogie Lake Road
Commerce Twp., MI 48382



Walled Lake Northern High School

6000 Bogie Lake Road
Commerce Twp., MI 48382



Walled Lake Western High School

6000 Bogie Lake Road
Commerce Twp., MI 48382



TABLE OF CONTENTS

Walled Lake High Schools' Contact Information

Walled Lake Central High School

Walled Lake Northern High School

Walled Lake Western High School

Foreword

Planning Your High School Program

District Policies & Procedures

Grading System

Grade Point Average

District Grading Scale

Weighted Grading - Advanced Placement and Most International Baccalaureate Courses

Grade Change

Advanced Academic Programs

Advanced Placement and International Baccalaureate Diploma Programme

Best Work Transcript

Independent Study Guidelines

Early Graduation

Dual Enrollment Procedures

Student Assessment

ASVAB (Armed Services Vocational Aptitude Battery)

Standardized Testing

PSAT 8/9 (Practice SAT)

PSAT 10 (Practice SAT)

PSAT/ NMSQT

Junior Year State Required Testing

SAT/ACT

AP Exams/IB External Exams

Benchmark Assessments

Response To Intervention (RTI)

Commencement Protocol

Graduation Honors

NCAA Clearinghouse Guidelines

Enhanced Learning Opportunities Policy/Procedures

FLEX Schedule

Dual Enrollment

Testing Out

Work Based Learning (CO-OP)

Online Learning

EDGENUITY (Formerly Known As E2020)

Admissions Policies

Enrollment

Add/ Drop

Appropriate Behavior and Use of Technology

Online Academic Policies
Recognition Of Credit
Credit and Grading
Transfer Credit
NCAA Credit
Academic Integrity
Technology Access
Mentoring of Students
Pupil Accounting
Title VI/Title IX
ADA Compliance
Tuition
Alternative High School Programs
Oakland Opportunities Academy (OOA)
Oakland Accelerated College Experience (Oakland ACE) – An Early College Program
Graduation Requirements
Responsibilities for Program Selection
Student & Parent
Teacher
Counselor
Administrator
Freshman Checklist
Sophomore Checklist
Junior Checklist
Senior Checklist
Recommended College Preparatory Curriculum
Sample College Prep Four-Year Plan
Choose Your Career Pathway
Career Pathways
Importance of Career Planning
Xello and the Personalized Education Development Plan (EDP)
The Six Career Paths
Arts & Communication
Business, Management, Marketing & Technology
Engineering/Manufacturing & Industrial Technology
Health Sciences
Human Services
Natural Resources and Agriscience
Website Resources
For General College Information
Parents
Standardized Tests, Test Prep, & Course Help
Careers
Nondiscrimination Policy & Complaint Procedure
Department & Individual Course Descriptions
Advanced Placement Capstone Diploma Program

[International Baccalaureate Diploma Programme](#)

[Arts Department](#)

[Visual Arts](#)

[Performing Arts](#)

[Career Technology Department](#)

[English Department](#)

[ELD Department](#)

[ESL Content Area Clusters](#)

[Health & Physical Education Department](#)

[Mathematics Department](#)

[Miscellaneous Department](#)

[Science Department](#)

[Social Studies Department](#)

[Social Studies Electives](#)

[Special Services Department](#)

[World Language Department](#)

[Oakland Schools Technical Center](#)

Walled Lake High Schools' Contact Information

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Foreword

This 2025-2026 High School Guide has been revised to assist students in planning a schedule of classes for their high school career. This booklet will also be used by counselors, administrators, parents, and teachers as they assist the students in planning their educational programs. Walled Lake Consolidated Schools continues our commitment to provide our students a unified, articulated, and rigorous curriculum for grades 9 - 12.

Considerable thought should be given to the full four-year program students will pursue. Some courses are considered essential for college enrollment. Others are designed for mastery of job entry skills. Still other courses are designed for personal growth, enrichment, and satisfaction. Courses should be selected because they meet the requirements of the goal that the student has selected.

With the large number of course selections available to students, a great deal of thought and planning must also go into determining a schedule. Students should discuss their course interests with counselors, teachers, and parents. They should ask questions and make sure that their selections meet their needs.

Finally, once they have determined their schedule, they should put forth the time and effort that will guarantee a successful year. In addition to the rigorous academic component of our schools, we also offer an array of athletic and extracurricular opportunities. Students may select from a variety of different sports and activities in order to further enrich their high school experience.

Walled Lake Schools provides support services to assist students both while in school and in making decisions about life after high school. We offer counseling services, career guidance, study skills, special education programs, bilingual education and media services.

Our goal is to provide every student with a rewarding and engaging high school experience. We believe that you will be impressed with the quality of our schools.

Charting a path through high school and beyond is critically important to the student and should be approached with extreme care. This document is updated continually online. Please check often for changes in policies and procedures.





Planning Your High School Program

Planning a four-year high school program is a serious undertaking. Although many of your courses will be determined by the graduation plan you select, you will still have many other choices to make during your years of school. The courses you select will be guided largely by your plans for the future. Will you continue your education in college or in a trade or vocational school? Do you want to learn a career skill in order to enter the full-time work force immediately after high school? Are you interested in a technical field? Are you thinking of entering a professional field that requires many years of specialized education? The answers to these questions are important for making decisions about your course selections for all four years in high school. Your interests and abilities should also guide those answers.

Some students are sure of their future plans; others are not. It is also common for young people to change their minds about which career to choose. For this reason, it is important for you to plan as challenging a program as you can; if your career plans should change, then it will not be as difficult to move into another program. While it may sometimes seem tempting to schedule a less demanding combination of courses, choosing courses that meet your needs or interests is the best way to prepare for your future.

Walled Lake Schools offers you many ways to prepare for a productive adult life. We provide a wide range of programs that prepare students for post-high school experiences: college, business school, vocational-technical school, military service, fine arts participation, full-time employment, and other areas. The programs offered allow a student to choose the program best suited for him/her, whether that program is the traditional college preparatory or a career preparatory program.

The section on Career Pathways is provided to assist you in preparing a personalized Educational Development Plan (EDP). This section of the guide explains future career options in terms of a student's interest areas with suggested courses and activities that will help you arrive at your goal in life.

District Policies & Procedures



**Walled Lake Consolidated Schools
2025 - 2026**

Grading System

Grade Point Average (GPA)

Grade point averages are computed by dividing the total grade points earned by the total number of courses taken. Points shall be computed using the district grading scale. Only final semester grades are used when calculating cumulative GPA's.

District Grading Scale

The district wide grading scale for grades four through twelve is as follows:

100% and above = A+	89% - 88% = B+	79% - 78% = C+	69% - 68% = D+
99% - 92% = A	87% - 82% = B	77% - 72% = C	67% - 62% = D
91% - 90% = A-	81% - 80% = B-	71% - 70% = C-	61% - 60% = D-
			59% and below = E

Weighted Grading - Advanced Placement and (most) International Baccalaureate Courses

The Walled Lake high schools offer a number of advanced academic programs. The purpose of these programs is to provide challenging college preparatory programs for students. In recognition of the rigorous academic standards that Advanced Placement and International Baccalaureate courses represent, the following weighted grading system has been established:

A = 5.0 B = 3.75 C = 2.5 D = 1.25 E = 0.0

Grade Change

If an agreement is reached between the teacher and student, the teacher will submit a Grade Change Request form. If the student wishes to appeal a grade given by a teacher, the district shall implement procedures which comply with Act 232 of the Public Acts of 1988 more commonly referred to as MCLA 380.1249.

These procedures include, but are not limited to:

- 1) The student submitting to the principal, a written request for a grade change stating the reason for the proposed change within 30 days after receipt of notice of the grade
- 2) The student submitting a written request to the superintendent for review by the Review Panel
- 3) The student attending a meeting with the Review Panel
- 4) The decision of the Review Panel shall be issued in writing to all parties



Advanced Academic Programs

Advanced Placement and International Baccalaureate Diploma Programme

Walled Lake Consolidated Schools offer a number of advanced academic courses. By taking Advanced Placement (AP) or International Baccalaureate (IB) courses you enter a world of knowledge and a learning environment that you might not otherwise experience in high school. By taking AP or IB exams, you have the opportunity to earn credit or advanced standing at many of the nation's colleges and universities. The greatest benefit of AP/IB is the experience of taking academic courses in an enriched environment with classmates who, like you, are seeking intellectual challenge, are motivated to learn, and are committed to excellence. Participating in these courses is going to give you a head start on exactly the sort of work you will confront in college.

Advanced Placement (AP) courses are offered in **all our high schools**. While the availability of classes differ among the schools, in Walled Lake we offer 20+ different AP courses. Please see the table below for a listing of our AP classes. Surely, among all these offerings you can find classes that match your interests.

The **International Baccalaureate Diploma Programme (IB)**, offered at **Western High School**, is available to **all high school students in Walled Lake**. The 2-year IB Diploma Programme is designed to meet international standards of excellence and is typically completed by students in grades 11 and 12. IB features a comprehensive and broadly based curriculum that includes languages, social studies, science, mathematics, and electives culminating with examinations in six subject areas. Students may either enroll in the full Diploma Programme or take individual courses.

What Are The Requirements?

In this Course Catalog you will find prerequisite courses for AP and IB courses. Other than that, the only requirements for becoming an AP/IB student are a curiosity about the subject you plan to study and the willingness to work hard. Students who wish to enroll as an IB Diploma Candidate need to apply online. The online application is located on the [district IB website](#).

What AP/IB Courses are offered?

Descriptions of these advanced academic courses are included in this Program of Studies booklet under each department heading. To learn more about IB courses, please consult the IB Course Offerings document posted in the IB section of the district website.

<p>Art: AP Studio Art IB Visual Art SL/HL IB Theatre SL IB Film SL/HL</p> <p>English: AP English Literature AP English Language IB English Lang & Lit HL AP Seminar</p> <p>Science: AP Biology AP Chemistry AP Environmental Science AP Physics 1, 2, & C IB Biology SL/HL IB Environmental Systems SL IB Chemistry SL IB Physics SL</p>	<p>Computer Science: AP Computer Science AP Computer Science Principles</p> <p>Miscellaneous: AP Research IB Theory of Knowledge</p> <p>Social Studies: AP US History AP Government AP Microeconomics AP Psychology AP World History IB Psychology SL IB Global Politics SL/HL</p>	<p>Mathematics: AP Calculus AB AP Calculus BC AP Statistics IB Maths AA SL/HL IB Maths AI SL</p> <p>World Language: AP French AP German AP Spanish IB French SL/HL IB German SL/HL IB Spanish SL/HL IB French ab initio IB German ab initio IB Spanish ab initio</p>
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Best Work Transcript

- The best work of each student will be reflected in his or her official transcript. If a student repeats a class, they may request a Best Work Transcript.
- The student will need to set up an appointment with their counselor to discuss Best Work Transcript options.

Independent Study Guidelines

Student Criteria

- A student must be in the 11th or 12th grade and may elect to take independent study for a semester or a year.
- A student must have demonstrated clear proficiency in the chosen field of study. .
- A student must complete an application, which shall be submitted to the counselor with the specific topic to be studied and the teacher who will direct the study. The application will include the topic to study, an outline of techniques and procedures the student will use, and the expected outcomes. The application deadline is one week prior to the start of the semester.
- Daily attendance is required.

Teacher Criteria

- A teacher may have no more than two students during any semester enrolled in independent study.
- A teacher will monitor the attendance and supervision of a student enrolled in independent study.
- A teacher will take a student on independent study only in a course we do not offer in the master schedule, or when special arrangements have been made with the building principal.
- A teacher will take a student on independent study only during a class period in which the teacher is not assigned a class. Special arrangements can also be made with the building principal.

The independent study committee consisting of the student, teacher, department chair, and principal must review any deviation from the above criteria.

Early Graduation

A student who, for educational and vocational reasons, wishes to graduate from high school in fewer than the eight (8) semesters in the grades 9-12 sequence may request permission for early graduation. The student and parent(s) shall consult with high school administrative and guidance personnel in order to develop a graduation plan.

The student shall request in writing, from the building principal, permission for early graduation with reasons supporting his/her plan and request. Examples of reasons to be given consideration are:

- Hardship circumstance
- Vocational opportunities
- Enlistment in the military occupations
- Pursuit of a specialized education objective
- College entrance and matriculation

All written requests for early graduation must be submitted to the building principal no later than **November 1st** of the school year in which they wish to graduate.

Dual Enrollment Procedures

Walled Lake students can take college level courses that may count for both high school and college credit. Seniors, juniors, sophomores and freshmen who meet the criteria, are eligible for tuition payment by Walled Lake Consolidated Schools.

State law (Public Act 160 created the Post-Secondary Enrollment Options Act - PSEO) mandates that tuition, mandatory course materials and registration fees are paid only if the following criteria are met:

- The student must be a 9th—12th grade student enrolled in Walled Lake during the time of dual enrollment.
- The student must be enrolled in the post-secondary institution during the high school academic year.
- Students must meet the requirements for endorsement in all subject areas for the courses they wish to enroll in. The assessments used to meet this criteria would be either the EXPLORE, PLAN, ACT, PSAT, SAT, Accuplacer/ALEX or the MME.
- Students may not withdraw from a college course and add replacement courses at a Walled Lake High School.
- Students who withdraw from a course after the drop period, will be responsible for reimbursement to the district any non-refundable expenses.
- Students must provide evidence of a course grade, otherwise an E grade will be posted to their transcript.
- Eligible college courses: 1) The course is not offered by WLCS; 2) The course is offered in WL but is determined to not be available to the student because of scheduling conflicts beyond the student's control; 3) The college course cannot be a hobby, craft, recreational, physical education, theology, divinity or religion course.
- The amount of tuition reimbursement the student receives is based on the per student cost at the district level and the proportion of courses a student takes at the college level.

The State of Michigan School Code of 1976, as amended by 1993 Public Act 335, section 1150 states that any student not meeting the above standards may receive dual credit for coursework at a community college or public university with no reimbursement of fees. Please work with your counselor if you would like to consider dual enrollment.

Student Assessment

ASVAB (Armed Services Vocational Aptitude Battery)

- This test is administered during the school day..
- There is no cost for taking this test.
- Target group is 11th/12th graders.
- Sign up for test in advance in the Counseling Office.

Standardized Testing

Important tests are given throughout the year. Please check in the counseling department office, school newsletters, or in the Career Resource Center for specific dates, times, locations, and cost of the test you are interested in.

PSAT 8/9 (Practice SAT)

- Target group is all ninth grade students.
- Administered during the Spring.

PSAT 10 (Practice SAT)

- Target group is all tenth grade students.
- Administered in the Spring.

PSAT/NMSQT

- National Merit Scholarship Qualifying Test.
- Target group is interested eleventh grade students.
- Administered in the Fall.

Junior Year State Required Testing

This exam is required for graduation.

- Dates are determined on an annual basis.
- Target group is 11th graders.
- Subject areas tested include: Math, Science, Reading, Writing, and Social Studies.
- Tests are administered during the school day inclusive of:
 - SAT- State of Michigan determined college entrance exam (Spring)*
 - ACT WorkKeys (Spring)*
 - State of Michigan Supplemental Tests (Spring)*
- No charge for district required tests.
- The SAT may be used for college application requirements.

SAT/ACT

- Testing dates are scheduled on Saturdays throughout the year as determined by the testing organization.
- SAT/ACT tests are college entrance exams.
- Go to www.collegeboard.org (SAT) or www.actstudent.org (ACT) for details and to register.
- The cost of all exams beyond the district requirement are the responsibility of the student.

WIDA ACCESS

This assessment is a federal requirement for all students identified as English Language Learners.

- Administered by ESL staff during the school day (Spring)
- No charge
- Students will be assessed in the four language domains: reading, writing, listening, and speaking.

AP Exams/IB External Exams

(Advanced Placement and International Baccalaureate Exams)

- Dates are determined by the AP Board/IB Organization.
- AP Exams are taken during the first two weeks in May.
- IB Exams are taken during three weeks in May.
- Exams are given during the school day at specific times, determined by the AP Board/IB Organization.
- Costs are established by the AP Board/IB Organization. AP exams cost approximately \$100.00 per exam. IB external exams cost approximately \$119 per exam.
- College credit is determined by the AP exam score or IB course score.
- Students are responsible for their own transportation to and from all AP and IB Exams.

Benchmark Assessments

- Benchmark Assessments (BAs) are common district assessments.
- BAs are cross-curricular.
- BA values are determined by subject.

Multi Tiered System of Supports (MTSS)

The MTSS process at Walled Lake Consolidated Schools uses achievement data, documentation, and general education strategies to identify and support students in need of academic and behavior supports and interventions.

The MTSS Process:

- Students are identified as needing MTSS support by their grades, attendance and behavior data.
- Parents of students showing poor academic progress will be contacted and given information about the academic support services available to students.
- Students will then be monitored continuously. If there is no improvement, data will be collected from teachers and a meeting may be held to plan for further support and Tier 2 interventions as needed.

Commencement Protocol

Graduation Honors

All students who maintain a cumulative GPA after 7 semesters will graduate with academic honors as described below:

4.0 and above GPA	Highest Academic Honors	<i>Summa Cum Laude</i>
3.80 - 3.999 GPA	High Academic Honors	<i>Magna Cum Laude</i>
3.50 - 3.799 GPA	Academic Honors	<i>Cum Laude</i>

Highest Academic Honors, High Academic Honors, and Academic Honors students will be recognized in the Commencement Program and be publicly recognized at graduation.

Highest Academic Honor students will receive a medallion, which can be worn at graduation.

Students with the Highest Academic Honors designation will be eligible to speak at graduation. The Graduation Committee, in combination with this group of students will determine whether one or more students will speak.

NCAA Eligibility Guidelines

Any student, who might participate in athletics at the college level, should be aware of the requirements of the NCAA that determine eligibility. Meeting Walled Lake Schools' graduation requirements does not assure a student will be in compliance with the NCAA requirements. Students should consult with their counselor when selecting courses to ensure they fulfill NCAA core requirements.

To be certified by NCAA Eligibility Guidelines, student must:

1. Graduate from high school.

You should apply for certification at the end of your sophomore year if you are sure you wish to participate in athletics as a college freshman. When you register, the NCAA Eligibility Center will issue a preliminary certification report. After you graduate, the Clearinghouse will review your final transcript, including your senior grades. At that point, they will make a final certification decision.

2. For *Division 1 Eligibility*, earn a grade-point average of at least 2.30 (on a recalculated 4.0 GPA scale) on all NCAA approved courses. *Division 2 Eligibility* will require a minimum 2.2 GPA (on a recalculated 4.0 GPA scale) The Clearinghouse will compute your Core GPA from classes that meet the established academic standards and have been pre-approved in the following core areas. No special values are allowed for "+" or "-" grades. See chart below for required core courses.

	Division I	Division II
English Core	4 years	3 years
Math (Algebra 1 or higher)	3 years	2 years
Science Core	2 years	2 years
Social Science Core	2 years	2 years
Additional English, Math, or Science	1 year	3 years
Additional Core (English, Math, Science, Social Science, World Language)	4 years	4 years
TOTAL CORE UNITS REQUIRED	16	16

- Division 3 schools are responsible for setting their own academic eligibility rules. If you are going to be competing for a D3 institution, or if you are unsure what division level you'll be competing at, you can start with a free NCAA Profile page. If you do decide to pursue a D1 or D2 program, you can always transition to a Certification Account later. Earn an SAT combined score or ACT sum score that matches your core-course GPA (minimum 2.3 for Division 1 and minimum 2.2 for Division 2) on the appropriate Division 1 or 2 sliding scale. SAT scores earned on or after March 2016 will be evaluated based on concordance tables established by the College Board.

Go to: <https://web3.ncaa.org/ecwr3/> to register or for more information

Enhanced Learning Opportunities Policy/Procedures

Introduction

In an effort to support enhanced educational opportunities for secondary students, Walled Lake Consolidated Schools has partnered with several alternative educational providers to increase flexibility for credit recovery, college credit, and educational enrichment programs using some of the latest technology. The applications for these opportunities can be found in the Counseling Office.

These opportunities include the following formats: flex time schedules or dual enrollment. The following definitions will help in the understanding of the format of instruction and methods available for these enhanced educational opportunities.

FLEX Schedule

A student may enroll in as few as four (4) classes during the regular day and take as many as two (2) of his/her classes outside the school day. A student must enroll in Edgenuity as the online provider, or have building principal approval for other programs. Coursework must be done away from school and students must leave the school campus during this time. All courses must be completed during the regular school semester timelines and final exams will be completed at school, if applicable.

Dual Enrollment

High school students can be considered eligible to take college courses in Michigan public or private degree-granting institutions if they meet state eligibility guidelines. Eligible charges to the district may include tuition, mandatory course or material fees, and registration fees.

Testing Out

Changes in the Michigan State School Code allow students enrolled in high school to “test out” of any class in which they are not currently enrolled.

- Students may not test out of courses they have already taken for a grade and/or credit.
- Students must demonstrate mastery of course content by attaining 78% (C+) or better on a comprehensive final examination.
- Assessments may include portfolios, performances, papers, projects and/or presentations. Assessments required of students are comparable and equivalent to those normally required of students taking the course.
- If a student achieves a grade of C+, or higher, “Testing Out”:
 - WILL allow students to accelerate through a curriculum,
 - WILL count as earned credit toward graduation requirements,
 - WILL be reflected on the high school transcript as “Test Out” with specific course name,
 - WILL reflect a grade of “P” (pass), and
 - WILL NOT be counted in the computation of the grade point average (GPA).
- Once credit is earned by “testing out”, students may not receive credit for a lower course in the course sequence.
- Students who wish to “test out” of a class for the upcoming school year, must return a completed Testing Out Application to their school’s Counseling Office no later than May 1st for the August examination. The application must include a parent signature. Applications are available in their school’s Counseling Office.
- Testing out examinations will be administered in August of each year.

Work Based Learning (CO-OP)

Work-Based Learning experiences involve the study of communication, career strategy, school-to-career transition, workplace expectations, and self-awareness. Students explore their chosen career pathway and gain valuable work experience in that pathway. WBL is a program of on-the-job training for students who wish to work in a supervised program for credit. Work-Based Learning is a State-approved paid work experience. The purpose of work-based learning is to use real work as the primary source of learning. The State of Michigan guidelines will be followed to ensure a valuable work experience.

To participate in any of the Work-Based Learning (WBL) options, student must be accepted into the Work-Based Learning program. Their attendance and grade in the required related class must be in good standing according to the signed application and Work-Based Learning contract. In order to remain in the WBL activity their grades in the related class taken simultaneously with the WBL experience must meet the WBL criteria.

Online Learning

The benefits of online learning include expanding the curriculum offerings beyond what many individual schools and school districts may be able to provide; offering additional opportunities to students and educators to learn new subjects and receive 'on time' training; and focus on the individual learner with an 'anytime, anywhere' method of delivery.

To be successful in an online or correspondence class, a student must be a self-starter, with a strong sense of direction and the ability to set goals and follow through with them. A successful student can work independently, stay on task and maintain a regular schedule of logging in and keeping up with course expectations. The student must have the ability to keep up with ongoing, sometimes very demanding expectations without the constraints of a 'fixed time and place' setting. The content of courses is generally as rigorous (or as difficult) as those found in a face-to-face classroom course. In some cases, courses require regular interaction with the instructor and frequently the other students in a course. The student can expect to log on daily for updates, messages and communication among participants. A course is different, not necessarily easier or harder.

These enhanced learning opportunities also present the potential 'pitfall' of isolation that may occur from this form of individual learning experience due to the lack of personal instruction with a teacher.

Online courses have been found to be a valuable option for the following:

- college-bound students in need of advanced or specialized coursework
- students wanting to improve their skills in specific subject areas
- homebound or other reasonable need for credit recovery to complete the graduation requirements
- students with a high degree of self-discipline and motivation and the ability to keep up with demanding expectations

Imagine Edgenuity

Edgenuity provides online courses (credit recovery, or course advancement) that are taken through the school. These online classes range from the most simple, self-paced tutorial format to highly interactive, and content rigorous experiences.

The multimedia-rich, virtual classroom engages students in the learning process through animations, simulations, video-based presentations, online content, vocabulary development, and exploration activities that support each lesson presented by the virtual classroom teacher. Online embedded homework, evaluations, and other activities reinforce student understanding with content mastery that is measured through formative and summative assessments delivered for each class. When applicable, final exams will be completed at school.

For more information on course descriptions visit <https://www.imaginelearning.com/>

Admissions Policies

The following guidelines outline the expectations, practices and procedures that are in place in Walled Lake Consolidated Schools and are used by counselors, teachers, and administrators when considering enhanced learning opportunities for students.

Enrollment

Students who are registered with the Walled Lake Consolidated Schools may choose to enroll in Edgenuity online courses with prior approval. The Michigan Department of Education (MDE) guidelines allow up to two courses per semester during the regular school day with no seat time waiver required. For specific guidelines, go to the MDE web site at

The academic calendar for all enhanced learning opportunities for students who enroll in these classes will be established prior to enrollment. Students will be expected to complete online courses within the school semester timeline.

The school counselor must be involved in the coordination of the scheduling process to ensure that proper documentation is established for credit acceptance and to verify that the student meets or exceeds the guidelines established by the State for purposes of pupil accounting.

If a student wishes to enroll in these enhanced learning opportunities in addition to a full schedule of six (6) classes, it will be at the discretion and approval of the district and at the expense of the student.

The district has agreed to limit online courses, correspondence courses or summer school to no more than two (2) credits beyond the regular school day, per school year. Waiver of this policy may be granted by the building principal on a case by case basis.

Students may enroll in any of the enhanced educational opportunities under one or more of the following conditions:

- Credit recovery needed for timely graduation (credit recovery in summer school, during the school day in lieu of an elective, or after school)
- Unavoidable scheduling conflicts
- Any academic course not offered in the home high school
- Pre-approval of elective courses to complete graduation requirements
- Specialized student interest(s)
- Preferred mode of learning

Add/ Drop

Procedures for fees and payment are established through the student's high school before the student enrolls in a course, and are based on current dual enrollment guidelines and flextime schedule policies. Students may apply for enrollment in an Edgenuity online course before the enrollment period has ended. If students wish to withdraw from a course after the drop period, the student will be responsible for reimbursement to the district any non-refundable expenses. If a student drops the course after the drop period, a grade of "E" will be placed on the student's transcript and will be counted in the cumulative GPA calculation.

Appropriate Behavior and Use of Technology

Students will be subject to the Walled Lake Consolidated Schools Technology Usage Policy and Acceptable Use Policy (AUP). An AUP contract, signed by a parent or guardian and student, must be on file. Procedures outlined in the Acceptable Use Policy will apply to all online courses. All students participating in an Edgenuity online course are expected to conduct their communications in a professional, respectful manner as outlined in the student code of conduct in effect at Walled Lake Consolidated Schools. The use of proper Internet protocol is expected at all times. Inappropriate language or behavior will result in disciplinary action and possible removal from the course at the discretion of the Walled Lake Consolidated Schools.

Online Academic Policies

Recognition Of Credit

If a class is approved by any of the six accrediting agencies recognized by the United States Department of Education (North Central, New England, Middle States, Southern, Northwest and Western Associations), the MDE, an Intermediate School District or the Michigan legislature, they will be accepted by the WLCSD. Accrediting information can be obtained from the website of the International Council of School Accreditation Commission www.cois.org

Credit and Grading

WLCSD will determine the amount of credit and the equivalent grade using the district grading scale in either letter or GPA format once all requirements to complete the course are verified and matched with that of the regular high school curriculum.

Transfer Credit

Guidelines for the acceptance of transfer of credits are the same as in any other course/transcript transfer situation. The high school will have the responsibility and authority to make a designation on a student's transcript in accordance with current policies regarding other transfer credits (e.g. correspondence, homeschool and dual enrollment courses). Online, correspondence, and dual enrollment courses will be graded and credit will be transferred back to WLCSD from the educational provider.

NCAA Credit

Courses taught via the Internet, distance learning, independent study, individualized instruction, correspondence or similar means may be used to satisfy NCAA core-course requirements if approved by the NCAA. It is the student's responsibility to verify that the course is NCAA approved at <https://web3.ncaa.org/ecwr3/>

Please note that the Edgenuity, online, and most correspondence courses do not meet the NCAA credit guidelines. <https://www.imaginelearning.com/>

Academic Integrity

Students must sign and return a student code of ethics (plagiarism) form to deter possible cheating and to inform students and parents of the consequences. This may be modified to incorporate a student's participation in an online course, with clearly defined sanctions for abuse of the privilege. All school policies on cheating or fraud will be applicable as outlined in the student code of conduct.

Some courses will require that exams and tests be given in the high school setting and proctored by the onsite teacher mentor. Also, it is the expectation of the Walled Lake Consolidated Schools that a student will conduct himself/herself in compliance with all student rules and regulations even if the student is taking the online class in another setting. This may be consistent with other student behavior guidelines, rules or policies that govern the behavior of students in education-related settings (such as athletic events, field trips, etc.). If inappropriate behavior is reported while a student is participating in an online course the school code of conduct will be enforced.

Technology Access

For students taking Edgenuity online courses as part of their regular class schedule, students will have access to a computer during normal school hours at the discretion of the high school. Students may be required to do some of the online coursework at the high school location, in addition to independent work outside of the regular school day/week.

Students on a flex schedule working outside the school setting must be aware of the need to access equipment that meets the minimum requirements as specified in the online course description.

Mentoring of Students

The role of the student's mentor will be determined by the school, and be made based on the situation of the student involved, and in keeping with the current Michigan Department of Education guidelines for determining pupil instructional time for virtual classes. The role of the mentor will only be used in the context of a student taking a class outside the regular school day. This does not apply for students enrolled in an Edgenuity online course during the regular day, as they are assigned a teacher.

Pupil Accounting

Depending on the circumstances of the student enrollment situation, an Edgenuity online course may be taken within the current structure of the school day, or at times outside of the regular school schedule. If a school wishes to claim the student as a full time equivalent pupil for purposes of receiving state school aid, then the student must be enrolled in at least 4 regular courses by, and in attendance on, the appropriate count day (October or February) or during the 10- to 30-day period of class time designated for the course on the student's class schedule.

Title VI/Title IX

In compliance with Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age of Discrimination Act of 1975, and the Americans with Disabilities Act of 1990, it is the policy of the Walled Lake Consolidated School District that no person shall, on the basis of race, color, religion, national origin or ancestry, sex, age, disability, height, weight, political belief, military service, or marital status, be excluded from participation in, be denied the benefits of, or be subjected to discrimination during any program or activity or in employment. For information, contact The Assistant Superintendent of Human Resources, District Compliance Officer, Educational Services Center, 850 Ladd Road, Bldg. D, Walled Lake, MI 48390 (248-956-2022).

ADA Compliance

Qualified students with disabilities needing appropriate adjustments should contact the counselor before enrolling in one of these expanded educational opportunities to ensure needs are met in a timely manner.

Tuition

To receive district-funding support for online, Edgenuity, or dual enrollment courses, classes must be taken during the regular academic school year. If a student wishes to take a course during the summer or after school, Walled Lake Consolidated Schools may require the student to pay the full cost of tuition or other expenses which may include tuition, mandatory course or material fees, and registration fees.

Alternative High School Programs

These special programs require a meeting with a school counselor for enrollment/registration. Collaboration between parents, counselors, and students will ensure that these options are the best program to support students in completing their secondary education.

Oakland Accelerated College Experience (Oakland ACE) – An Early College Program

What is an Early College Program?

Programs like Oakland ACE allow selected students to extend high school by one year in order to earn both their high school diploma and up to 62 college credits at no cost to the student.



Who is Eligible for the Oakland ACE Program?

Oakland ACE is designed for students who will be the first from their family to earn a college degree, and students who need extra support to get to college. Students served by the program have had academic success in high school, but may not have the financial resources to attend college. For eligibility, applicants must:

- Be a student in grade 10, to complete the Oakland ACE program in grades 11-13.
- Have a high school GPA of 2.0 or higher.
- Be on track to complete all high school graduation requirements.
- Earn qualifying on OCC English placement test of ENG 1510 or 1510E.
- Be enrolled in a participating school district.

How can someone be in High School and College at the Same Time?

In 11th grade, students take a 50% schedule at their home high school, and 50% at Oakland Community College. In 12th grade, they take just two classes at their high school, and an increased load at OCC. Then in their last year, grade 13, students take a full schedule of college classes.

Is it Free?

Yes. There is no cost to families for tuition, fees, textbooks, or required materials for approved courses. Transportation to and from OCC classes is the responsibility of the student and his or her family.

What supports are available to students?

Students will have a network of support through their high schools, OCC, and program staff. In addition to the teachers, counselors and administrators at school, they will be able to take advantage of the services provided by OCC, such as counseling and free tutoring. Oakland ACE staff will have weekly contact with all students in a mandatory on-campus seminar.

How Do I Apply?

Students apply during their 10th grade year. Applications (Part 1) are due in **February**, and are available to be downloaded from the Oakland ACE website:

<https://www.oakland.k12.mi.us/student-programs/accelerated-college-experience-ace> Completed applications are submitted through high school counselors.

Graduation Requirements

Department	Number of Credits Required	Explanation of Credits
English	4.0	Students are required to select core English courses in 9 th , 10 th , 11 th and 12 th grade.
Social Studies	3.0	1.0 credit of World History and Geography 1.0 credit of American History and Geography .5 credit of Civics / .5 credit of Economics
Math	4.0	1.0 credit of Algebra 1.0 credit of Geometry 1.0 credit of Algebra 2 1.0 additional math credit taken in the final year
Science	3.0	1.0 credit of Biology 1.0 credit of Chemistry or Physics 1.0 credit of an additional science
Physical Education	0.5	.5 credit of PE
Health	0.5	.5 credit of Teen Health (successfully taken in 8 th grade may fulfill this credit)
Required Elective	1.0	Students must earn 1 credit from the following areas: Fine Arts, Performing Arts, Vocational Education (also known as Career Technology Education).
World Language	2.0	2.0 credits in grades 9-12. (Level 1 successfully taken in 8 th grade may fulfill first year's credit). An equivalent two-year experience in grades 9-12 may be accepted upon successful testing out – See your High School Counselor to discuss this option.
Total Required Credits	18.0	Reflects the Michigan Merit Curriculum
Electives	4.0	Can be taken in any department
Junior Year State Testing	Required	All students graduating from the Walled Lake Consolidated School District must take the Junior Year State Testing unless waived by the building principal.
Online Learning Experience	Required (Infused in Curriculum)	All students will complete the equivalent of a 1.0 online credit course or comparable online experience through the district curriculum.
Total Credits For Graduation	22.0	Minimum credits required for graduation.

Responsibilities for Program Selection

Student & Parent

It is the responsibility of the student and parent, with the guidance and advice of the school faculty and counselors, to review and determine the future plans and aspirations of the student. Once his/her program is designed, it is the responsibility of the student to carry it through to completion. Upon consultation with his/her teachers and counselor, the student and his/her parents may request to change this program as achievement of goals indicates it to be necessary. **Since staffing, class size, etc., are determined through pre-enrollment, it may not be possible to honor requests for a change of program. Students in high school are not guaranteed the same teacher each semester.**

Teacher

It is the responsibility of the teacher, whose experience with the student enables him/her to identify the student's abilities and achievements, to work with the student, the counselor, and the parents. The teacher's recommendations, based on classroom experience, will further help the student to make his/her program realistic and workable.

Counselor

It is the responsibility of the counselor to help the student plan a program which satisfies the graduation requirements of the school and to recommend that the major emphasis on the student's program is one which reflects the student's future plans, interests, and aptitudes. Finally, it is the responsibility of the counselor to review with each student the progress he/she is making toward his/her educational and vocational goals. Necessary changes in this program are made through student, parent, and teacher contacts.

Administrator

An administrator determines final placement in cases of disagreement.

Freshman Checklist

- Complete an interest survey through Xello.
- Explore the various career pathways and design your high school Educational Development Plan (EDP) using Xello.
- Participate in career exploration activities. Discuss possible careers with school personnel, parents, friends, relatives, and local employers.
- Make sure you are enrolled in required and elective courses that are challenging and prepare you for meeting future plans.
- Seek tutoring or extra assistance for difficult subjects.
- Review your grades on Skyward daily.
- Take the PSAT 9 (preliminary SAT) as additional practice.
- Strengthen your study habits.
- Participate in extracurricular activities (school and non-school sponsored). Consider volunteer work that provides opportunities for you to experience different careers.
- You will begin developing your high school transcript. Your transcript is an official record of the classes that you enroll in, the grades that you receive and your grade point average. Colleges and Universities will be interested in your grade point average.
- Begin exploring post-secondary education and college majors.
- Attend a local college fair.
- Consider volunteer work that provides opportunities for you to experience different careers.
- Demonstrate/practice positive attendance. Come to school every day!
- Consider attending summer school for remediation/enrichment.
- Update EDP often. login.xello.world

**** A portfolio is your personal organization of letters, awards, and impressive work**

Sophomore Checklist

- Keep your grades up so you can have the highest GPA possible. Ask for help when you need it.
- Work towards leadership positions in the activities you like best.
- Become involved in community service and/or other volunteer activities. Investigate summer training programs or volunteer activities. This will help you become a well-rounded individual.
- Take the PSAT 10 (preliminary SAT) as additional practice.
- You will explore career and postsecondary education using Xello.
- Select challenging courses that will prepare you for future career options. Explore elective and enrichment classes pertaining to your career interests as well.
- Review your grades on Skyward daily.
- Continue to think about post-secondary education and training opportunities (community college, university, military, technical, on-the-job) needed for your career of interest.
- Explore colleges of interest by on-site visits, reading individual college catalogs, visiting college websites over the internet and attend a college fair. Continue to research college majors.
- Demonstrate/practice positive attendance. Attend school every day!
- Investigate and become involved in summer training programs or volunteer activities.
- Consider attending summer school for remediation/enrichment.
- Update EDP often. login.xello.world



Junior Checklist

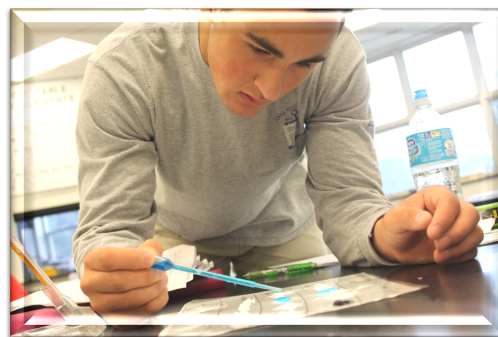
- Make an appointment with your counselor to discuss your career goals, review your EDP and course selections.
- Review your transcript, credits needed for graduation and GPA. Monitor your grades carefully by checking Skyward daily. Continue to strengthen your study habits and organize your time wisely.
- Continue to improve your performance in the classroom. Ask for help when needed.
- Continue taking the most challenging classes you can handle. Take Advanced Placement and/or International Baccalaureate Courses that provide experience with college level coursework in high school. You can even earn college credit based on your AP and/or IB Exam scores.
- Explore career awareness opportunities. Update your student profile of your EDP.
- Meet with representatives visiting our school from colleges, military and technical training institutes. Also plan campus visits.
- Attend a local College and/or Career Night fair.
- Continue exploring and analyzing your interests and abilities as they relate to possible careers.
- Take the PSAT/NMSQT. This test is the qualifying exam for the National Merit Scholarship.
- Stay involved in extracurricular activities. These experiences are viewed favorably by employers and colleges.
- Start a file or folder - save EVERYTHING pertaining to post-secondary options. Make a list of post-secondary options you would like to explore.
- You will be taking the SAT during the 2nd semester of your junior year. A college admissions test is required by nearly all Michigan colleges and universities for admission.
- Begin exploring financial aid and scholarship opportunities via Financial Aid Night which will be held in the Spring. Do internet searches and check the Counseling Website often.
- Update your EDP / portfolio often to use for presentations to potential employers, college admissions and scholarship opportunities.
- Search for job shadowing or internship programs that place you in actual work settings that provide hands-on experience in careers of interest.
- Demonstrate/practice positive attendance. Attend school every day!
- Finalize your senior year course selections. It's important to continue on a challenging path.
- Consider attending summer school for remediation/enrichment.

Senior Checklist

- Check to make sure you have all the credits necessary for graduation and you are enrolled in the correct courses for graduation.
- Maintain and improve academic grades. Colleges look unfavorably on failing grades, especially during the senior year. Check your grades in Skyward daily.
- Enroll in classes that are academically challenging and will prepare you for your career path.
- Continue your involvement in extracurricular and community activities.
- Finalize your college choices with your parents and your counselor. Complete your applications early in the fall. Begin obtaining and filling out applications for two year schools, four year schools and technical institutes.
- Take or retake the ACT/SAT if necessary (www.actstudent.org or www.collegeboard.org). Make sure the results are sent directly to colleges you are considering.
- Check all available sources for scholarships. These would include website searches through Xello, the Counseling website, and individual college websites.
- Complete and submit financial aid forms. Attend Financial Aid Night in the Spring.
- File the Free Application for Federal Student Aid (FAFSA) online <https://studentaid.gov/>
- Final portfolio review. Update your portfolio for presentations to potential employers, college admissions, and scholarship committees.
- Explore placement opportunities through co-op, apprenticeship, and internship experiences.
- Complete applications, if interested, for Legacy Scholarships.
- Meet all necessary deadlines for graduation. Order announcements, cap and gown, etc... on time.
- Update your EDP often. login.xello.world



Recommended College Preparatory Curriculum



These recommendations are designed to assist high school students in selecting courses of study during grades 9-12 which will prepare them for academic success at a college or university. High school students who satisfactorily complete the course program outlined below and acquire the requisite skills will greatly increase their chances for success at a university or college.

English (Four years recommended) *

Students entering a college or university should be able to: 1) comprehend the main and subordinate ideas in written works, lectures, and discussions; and 2) conceive ideas about a topic and organize them for presentation in both verbal and written forms using standard English sentences. Effective use of the English language is central to one's ability to succeed at the university and in the professions and occupations for which students are preparing.

Mathematics (Four years recommended) *

College preparatory students should successfully complete four years of study in the college preparatory and/or the accelerated mathematics sequence. This should include two full years of algebra and one full year of geometry. While most careers for which university students are preparing require mathematical competency, an increasing number of careers in the science and technical curricula require advanced preparation in mathematics.

Biological and Physical Sciences (Three years recommended) *

Students should be acquainted with: 1) concepts of matter, energy, motion and force, and the natural laws and processes of the physical sciences in general; 2) the science of life and living matter with special reference to growth, reproduction and structure; and 3) laboratory methods. A basic understanding of the physical and biological sciences is essential for many fields of university study, and is necessary if one is to comprehend our world and the impact of science and technology on it. These concepts are in the combination of Biology with Chemistry and Physics.

Social Sciences/History (Three years recommended) *

Students should study different cultures and societies; their social systems, customs, communities, values, economics, governments, and politics. Knowledge of the main events and ideas, inquiry, public discourse, and citizen involvement that have shaped our nation and its place in the world should also be possessed by students. They should understand how the past bears upon the present condition, and future courses of mankind. As the social sciences improve one's appreciation of the scientific method and other approaches to critical analysis, an understanding of history is requisite to the informed exercise of citizenship in a free society.

World Languages (At least two years recommended)*

The study of French, German, or Spanish, expands the student's view of world cultures, develops practical communication skills, and heightens awareness and understanding of the English language. As part of a nationwide trend, increasing numbers of colleges and universities require world language study for various majors, degrees, and entrance and/or exit requirements. Michigan State University, for example, requires two or more years of high school world language study or college equivalent as an exit requirement. The Walled Lake Consolidated Schools graduation requirement policy strongly recommends three or more years of study in one world language for college bound students and others interested in increasing their knowledge and understanding of world languages. In addition, expanding world markets favor multilingual personnel. World language competency opens up career opportunities denied to those without it.

Fine Arts (Two years recommended) *

Students entering a university should be acquainted with the visual and performing arts through study and/or participation. Several academic disciplines at a university require high levels of skill in the arts. Study in this area enriches life and heightens one's sense of beauty and aesthetic perception.

Computer Literacy *

Some formal instruction in the logic and use of computers in problem solving and data retrieval is increasingly important in all fields of study. The universities recognize that, for a variety of reasons, some students may not be able to complete all of the requirements. In such circumstances, students may still be considered for admission, and therefore are encouraged to apply to the university of their choice. In all instances, each university has final authority for admissions decisions, based on the level of achievement and other indicators of potential for academic success.

*The Michigan University President's Council www.masu.org/



Sample College Prep Four-Year Plan

Grade 9	Grade 10	Grade 11	Grade 12
English 9 <i>or</i> Honors English 9	English 10 <i>or</i> Honors English 10	11 th Grade English <i>or</i> Honors English <i>or</i> AP Eng. Lang/Comp/Seminar <i>or</i> IB English HL 1	12 th Grade English <i>or</i> AP English Lit/Comp <i>or</i> IB English HL 2
World History <i>or</i> AP World History	US History-20th <i>or</i> AP US History	Civics/Economics IB Global Politics AP Government	Social Studies Elective <i>or</i> IB/AP Social Studies Elective
Biology <i>or</i> Honors Biology	Chemistry <i>or</i> Honors Chemistry <i>or</i> Physics <i>or</i> Honors or AP Physics or IB Physics	Science Elective <i>or</i> IB/AP Science Elective	Science Elective <i>or</i> IB/AP Science Elective
Math*	Math*	Math*	4th Year Math <i>or</i> Math-Related Course
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective
2.0 World Language (Class of 2016 and Beyond), Teen Health, 0.5 PE, and 1.0 Fine Arts, Performing Arts or Vocational Education (Career Tech Education) can be taken any time during the four years of High School in the Elective Category			
* Algebra 1, Geometry and Algebra 2 must be completed			

Choose Your Career Pathway

Educational Planning for Life

Arts & Communication

Business, Management, Marketing, & Technology

Engineering/Manufacturing & Industrial Technology

Health Sciences

Human Services

Natural Resources & Agriscience



Career Readiness

A World of Opportunities

Importance of Career Planning

The four years of high school from the ninth grade through twelfth grade can be an exciting and rewarding time for students. A very important component in preparing for the future involves career planning. Preparing for future educational and career opportunities involves much thought and preparation, and students who are prepared to make these decisions are often times more successful than those students who lack a sense of direction.

There are many factors that determine success in high school. It is important for students to have a focus so they can make the most of the opportunities that lie before them. Parents, counselors, and teachers play key roles in guiding students through the many challenges that they encounter. It is important to plan early, often, and establish goals.

Career Pathways, like Education Development Plans (EDP), are key components of the larger, Career Preparation System. Use of the Career Pathways allows the learner to map out the relationships between course offerings, in-school activities, out-of-school experiences and additional training following high school graduation. By identifying and aligning these components, the learner can see the interrelationships of all experiences, both in and out of school. Career Pathways allow students to project the necessary training for different clusters of jobs and projected income. Career Pathways are not to be viewed as tracts or trenches, but as a means of exploration and experiences that are more appropriate in developing the learner's education and employment plan.

The State of Michigan has adopted the concept of six different Career Pathways. Within these pathways, all career opportunities can be identified and placed. Career Pathways are clusters of related occupations that require different levels of education and training. People working in a career path share similar interests, abilities, and talents. Career paths help students identify a career focus without being locked into a specific occupation. By exploring career paths, students expand future choices and develop an understanding that all paths are important and necessary to keep a community going.

The State of Michigan Six Career Zones

- **Arts & Communication**
- **Business, Management, Marketing, & Technology**
- **Engineering/Manufacturing & Industrial Technology**
- **Health Sciences**
- **Human Services**
- **Natural Resources & Agriscience**

Participation in a well-organized, well-planned career development component, which includes the concepts of Career Pathways, directly affects both readiness for employment and actual employability success: student performance in school improves, involvement in school and community activities expands, decision-making skills strengthen, career preparation advances, and flexibility for meeting change increases. In addition, students who continue formal education beyond high school have a clear direction and a better understanding as to why they are pursuing post-secondary education and training options. There is an understanding that learning is lifelong. Walled Lake Consolidated Schools adheres to the State of Michigan Six Career Pathways as part of our comprehensive Career Development Program. Every occupation within the world of work would fall in one of the six pathways identified.

Xello and the Personalized Education Development Plan (EDP)

An EDP is a state-mandated career plan. Your student will continue to work on his/her EDP throughout high school, updating and adding new information every year. Every high school student MUST complete his or her EDP as part of his or her graduation requirements. Xello (login.xello.world) is the valuable resource used to put career exploration at the fingertips of students and is available for parents to join them in looking into options for their future. Xello is a web-based resource, which houses student Educational Development Plans (EDPs) and to which students and parents have direct access.

In addition to these features, students can explore hundreds of careers using a variety of methods. They will then have access to detailed multimedia career profiles from the world of work, including videos of individuals within those careers describing their experiences.

College planning is an important feature of Xello and offers students access to information about post-secondary institutions across the country and information about where to find financial aid to pay for their education. In addition, students also have access to resources to help them prepare for the world of work, including an integrated job search and resume builder.

Consider the following skills and competencies needed in the high-performance workplace:

BASIC SKILLS: Reading, writing, mathematics, speaking, and listening

THINKING SKILLS: The ability to learn, reason, think creatively, make decisions, and solve problems

PERSONAL QUALITIES: Individual responsibility, self-esteem and self-management, sociability, and integrity

MANAGEMENT SKILLS: The ability to allocate time, money, materials, space and staff

INTERPERSONAL SKILLS: Effectively work on teams, teach others, serve customers, lead, and work well with people from culturally diverse backgrounds

INFORMATION: Demonstrate ability to acquire, interpret and evaluate data, and use computers to process information

SYSTEMS: Knowledge of social, organizational, and technological systems, ability to monitor and correct performance, and design or improve systems

TECHNOLOGY: Ability to select equipment and tools, apply technology to specific tasks, maintain, and troubleshoot equipment

Website Resources

For General College Information

www.collegeboard.org

This is the home page of the College Board and contains a wealth of information for students, parents, counselors, teachers, admissions staff, financial aid officers, etc. Links are available to the various programs the College Board offers, including a college search engine, PSAT, SAT I & II, Advanced Placement testing, financial aid information, SAT prep., and much more. There is an "SAT Question of the Day" to help prepare daily for SAT tests.

www.collegeresults.org

This interactive web tool, created by The Education Trust, allows you to learn more about student graduation rates at 4 year colleges and universities.

www.macrao.org

A centralized web-based system that allows students who have completed a course at a Michigan College or University to find the equivalency for that course at other Michigan Colleges or Universities.

<https://collegestats.org/>

A good sample of multimedia college tours, a searchable database, and financial aid help.

www.mycollegeguide.org

College Guide with electronic links to colleges and admissions advice for students.

www.collegeexpress.com

Admissions advice, search engine, financial aid advice, etc.

www.campustours.com

Hundreds of schools' interactive virtual tours.

<https://www.princetonreview.com/>

The Princeton Review, including an interactive counselor, ratings, etc.

www.parchment.com

Students, schools, colleges, state agencies: they all rely on Parchment's trackable, privacy-protected, dependable delivery of student records and transcripts. Students in Walled Lake use Parchment to request transcripts be sent to colleges and other educational agencies.

www.petersons.com

College search, admissions information, test prep, and more.

<https://www.usnews.com/best-colleges/rankings>

The famous list of ratings! Some critics do not agree with the criteria used, but this list makes big news every year. Pick a college and you can compare up to three others side by side to see the differences.

www.nacacnet.org

National Association for College Admission Counseling – student and parent information page, and a good place to find listings of national college fairs.

www.ed.gov

U.S. Department of Education site. "Easy Access for Students and Institutions." Collection of links that range from pre-college planning to repayment of loans.

www.embark.com

Another college search engine that surveys what you are looking for and generates a list of schools that meet your criteria.

www.collegeconfidential.com

Extensive college-related articles, book reviews, recommendations, and forums.

Financial Aid, Scholarships, & Student Loans

The Financial Aid office of each of the colleges or universities you are interested in can help you get specific information.

Parents

www.familyeducation.com/home

Family education network, with a section on high school and beyond.

www.collegeparents.org

National membership association to help parents prepare and put students through college.

<https://studentaid.gov/>

Interactive web version of the most important form needed to apply for financial aid: The Free Application for Federal Student Aid.

www.fastweb.com

A free scholarship search database.

www.finaid.org

Extremely helpful site with links to many financial aid pages.

www.hacu.net

Scholarships and fellowships - this is the Hispanic Association of Colleges and Universities site.

www.scholarships.com

Free search for scholarships and financial aid.

Standardized Tests, Test Prep, & Course Help

www.collegeboard.org

As stated above, this has links to SAT I & II, PSAT, AP test information, dates, online registration, deadlines, etc.

www.act.org

Information, test dates, online registration, ACT test prep., etc.

<https://www.testprepreview.com/>

SAT test prep site.

www.4tests.com

Free online practice tests for the SAT and ACT.

www.turnitin.com/login_page.asp

Turn It In.com to verify original work.

Careers

Login.xello.world

Xello website to update your EDP, search for college, career inventories, etc.

www.michiganworks.org

Delivers essential information on workforce within our community.

<https://www.onetonline.org/>

A tool for career exploration and job analysis.

<https://www.mitalent.org/mitc>

Students can set educational goals and find the training necessary to achieve these goals.

www.petersons.com

Go to their career channel to take a variety of career assessments.

www.careerbuilder.com

Go to the site's college connection and browse some of the college career centers that are in hypertext.

www.collegeboard.com/csearch/majors_careers/profiles/

A database from the College Board containing college majors and career profiles.

www.monster.com

Information about thousands of jobs.

Nondiscrimination Policy & Complaint Procedure

In compliance with Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age of Discrimination Act of 1975, and the Americans with Disabilities Act of 1990, it is the policy of the Walled Lake Consolidated School District that no person shall, on the basis of race, color, religion, national origin or ancestry, sex, age, disability, height, weight, political belief, military service, or marital status, be excluded from participation in, be denied the benefits of, or be subjected to discrimination during any program or activity or in employment. For information, contact The Assistant Superintendent of Human Resources, District Compliance Officer, Educational Services Center, 850 Ladd Road, Bldg. D, Walled Lake, MI 48390 (248-956-2022).

In the event any student, parent, employee or applicant for employment believes that he/she has been discriminated against because of handicap or in the event he/she believes that discrimination against a handicapped person(s) exists in the administrative policy and/or practice of an educational program, activity or employment relationship supervised or operated by the school district, he/she shall immediately notify in writing to The Assistant Superintendent of Human Resources, Section 504 Compliance Officer, Educational Services Center, 850 Ladd Road, Bldg. D, Walled Lake, MI 48390 (248-956-2022), for the purpose of scheduling a meeting to discuss the complaint. Inquiries concerning equal opportunity on the basis of race, color, religion, national origin or ancestry, sex, age, disability, height, weight, political belief, military service, or marital status should be directed, in writing, to Ms. Margaret Hazlett, Titles VII and IX Compliance Officer, Educational Services Center, 850 Ladd Road, Bldg. D, Walled Lake, MI 48390 (248-956-2022), for the purpose of scheduling a meeting to discuss the complaint. The meeting shall be held within five (5) working days, unless a later date is mutually agreed upon or good cause requires a later date.

The complainant shall set forth, in writing, the necessary information (including names, dated subject matter) in order to investigate and process the complaint. Necessary persons or witnesses may also be included at the meeting. The purpose of the meeting is to initiate the fact-finding investigation, which shall include the opportunity to interview all necessary persons or witnesses and review all necessary papers and documentation. Within one (1) month from the date of the initial meeting, unless extended by mutual agreement or good cause, the Compliance Officer shall provide a written answer to the complainant.

The written answer shall set forth a summary of the complaint, his/her findings, conclusions and recommendations. Either the Compliance Officer or the complainant may bring the complaint/written answer to the Board of Education at its next regular meeting. The Board of Education shall review the complaint and the written answer and issue its determination.

If the complainant believes that he/she still has a complaint or that the complaint has not been adjusted properly, the complainant has the right to file his/her written complaint (with all written answers and determinations) to the Office of Civil Rights, Department of Health, Education and Welfare, Washington, D.C. 20201.

Department & Individual Course Descriptions

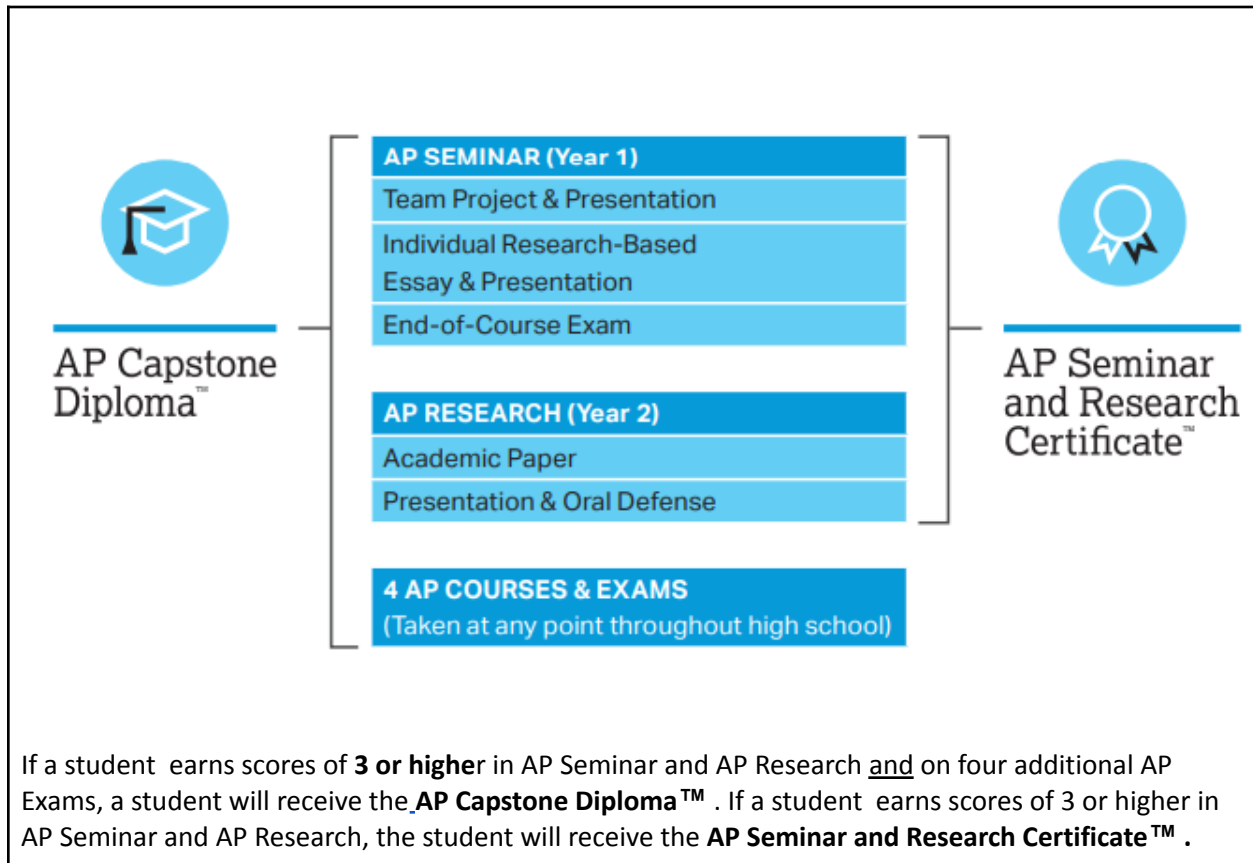


Walled Lake Consolidated Schools 2025 - 2026

***All courses listed may be adapted for delivery in a virtual format when required by health and safety intermittent or permanent closures.**

Advanced Placement Capstone Diploma Program

AP Capstone™ is a diploma program based on two AP courses: AP Seminar and AP Research. These yearlong courses focus on developing the critical thinking, research, collaboration, time management, and presentation skills you need for college-level work. This interdisciplinary program is **available to any high school student** in the Walled Lake Consolidated School District. Students opting for this diploma will attend Northern or Central High School for grades 11 and 12.



An annual informational meeting is held every November.
Any student may take AP Courses if they have met the prerequisites.

To find out what colleges offer credit for an AP Capstone Diploma and/or an AP Seminar and Research Certificate please visit:

<https://apcentral.collegeboard.org/courses/ap-capstone/higher-education-endorsement>

92012/92013 AP Capstone Diploma: AP Seminar

Grades: 10-12

1.0 Credit

Course Note:

- **Only offered at Walled Lake Central and Northern**
- **First of two classes required to qualify for AP Capstone Diploma**

This two-semester course meets the State of Michigan's 1.0 Michigan Merit Curriculum credit requirement for English 11 for Walled Lake.

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

(AP Seminar Course and Exam Description, 2016, p. 9)

81001/81002 AP Capstone Diploma: AP Research

Grades: 11-12

1.0 Credit

Prerequisite: AP Seminar

Course Notes:

- **Only offered at Walled Lake Central and Northern**
- **Must be taken concurrently with grade level English course**
- **Second of two classes required to qualify for AP Capstone Diploma**
- **AP Research is a course may award AP Elective credit**

AP Research, the second course in the AP Capstone experience, allows students to explore an academic topic, problem, issue, or idea of individual interest deeply. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio (PREP). The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. *(AP Research Course and Exam Description, 2020, p. 10)*

International Baccalaureate Diploma Programme

(Please refer to Individual Departments for course descriptions and numbers)

The IB Diploma is an internationally recognized and rigorous college preparatory programme **available to any high school student** in the Walled Lake Consolidated School District. Students opting for this distinguished endorsement will attend Western High School for grades 11 and 12.

Theory of Knowledge (ToK)

A class that intends to:

- stimulate critical reflection
- question the bases/biases of knowledge
- develop a personal conclusion based on analysis and evidence

Creativity, Action, and Service (CAS)

- completed outside of coursework throughout the duration of the programme
- emphasizes the importance of life outside the world of academics
- encourages students to build/share talents, create awareness, and work cooperatively

Extended Essay (EE)

- 4000 word essay, based on original research, that is completed outside of coursework
- students choose their own topic from a list of IB subjects
- Students select a teacher mentor to help guide them through the research and writing process
- prepares students for the type of writing expected at University level

Assessment

- WLW IB teachers provide an *internal assessment* for each student that is moderated by IB and incorporated into the student's overall IB score for that subject
- students take a total of six *external assessments* (one in May of their junior year and the remaining five in May of their senior year)
- student performance is measured against IB assessment criteria based on the aims and objectives of each subject's curriculum, rather than on the performance of other students taking the same examinations

Award of the Diploma

- final grades are given for each subject on a scale of 1 (minimum) to 7 (maximum)
- requires a total of 24 points and meeting all the criteria
- must complete the Extended Essay, Theory of Knowledge course, and CAS activities
- students who fail to satisfy all the requirements for the IB Diploma are awarded a certificate for each successfully completed subject

Notes:

- Two-year rigorous curriculum
- Grades 11 and 12
- International examinations

Objectives:

- provide a balanced education
- promote international understanding and responsible citizenship
- provide an opportunity for students to explore other cultures and perspectives
- instill academic integrity and intellectual promise

Course Requirements:

- seven IB courses in grades 11 & 12
- one course from each group plus Theory of Knowledge
- 3 Higher Level (HL) courses and 3 Standard Level (SL) courses

Course Offerings:

GROUP 1: English (HL)

GROUP 2: French (SL/HL)
German (SL/HL)
Spanish (SL/HL)

GROUP 3: Global Politics (SL/HL)
Psychology (SL)

GROUP 4: Biology (SL/HL)
Environmental (SL)
Chemistry (SL)
Physics (SL)

GROUP 5: Math: Appl. & Int. (SL)
Math: Analysis & Appr. (SL/HL)

GROUP 6: Theatre (SL)
Visual Art (SL/HL)
Film (SL/HL)
OR
second group 3 or 4 course

An annual informational meeting is held every November.

Any student may take IB Courses if they have met the prerequisites.

To become a full IB Diploma Candidate apply online at our [district IB website](#).



Arts Department

Visual Arts

90020 Art in Design **Grades: 9-12** **0.5 credit**

Course Note: *Students must successfully complete this course before pursuing any advanced art course.*

Have you always wanted to try an art course? No prior experience necessary. This is an introductory course for any student interested in art. In this course, students will examine the elements and principles of design through a variety of both two dimensional and three-dimensional media. This course will provide the student with a strong foundation in design and composition.

90021 Animation A **Grades: 9-12** **0.5 credit**

This course will introduce fundamental principles of animation, character design, and storyboarding focusing on a variety of beginning animation techniques. The goal is to have students explore a variety of animation processes to then create their own short, animated films consistent with entry-level college/industry standards.

91018 Animation B **Grades: 9-12** **0.5 credit**

Prerequisite: **90021 Animation A**

This course continues the study of animation fundamentals, character design, and storyboarding within a range of advanced animation techniques, including 3-D computer software and other media. Students will create their own directed short, animated films consistent with entry-level college/industry standards.

90030 Ceramics 1 **Grades: 9-12** **0.5 credit**

Prerequisite: **90020 - Art in Design**

Do you like working with your hands? This course offers students an introduction to a variety of basic clay hand building techniques along with an opportunity to work on the potter's wheel. Emphasis will be placed on good craftsmanship and application of good design as it relates to the medium of clay. Glazing, alternative finishing techniques will be explored. Students will create a variety of projects however, most will be functional objects.

90031 Ceramics 2 **Grades: 10-12** **0.5 credit**

Prerequisite: **90030 - Ceramics 1**

This class is an advanced level of ceramics in which emphasis will be placed on developing an individual style of expression and solving ceramic design problems while learning advanced techniques in throwing, hand building and alternative glazing and firing processes. Students will create both functional and non-functional ceramic pieces. **THIS COURSE MAY BE REPEATED FOR CREDIT WITH TEACHER APPROVAL.**

90040/90041 Computer Graphics A/B

Grades: 9-12

0.5 credit

Prerequisite: 90020 - Art in Design

Students will become familiar with the computer as a tool to create art. Students will create a wide range of art pieces using software, digital cameras and scanners. Students will experience multiple software programs while focusing on Adobe Photoshop to learn a variety of styles and techniques to create high quality products. Students will be introduced to graphic design as a career path and be actively involved in the design process from start to finish. **THIS COURSE MAY BE REPEATED FOR CREDIT WITH TEACHER APPROVAL.**

90070 Drawing 1

Grades: 9-12

0.5 credit

Prerequisite: 90020 - Art in Design

Have you always wanted to learn how to draw but you were afraid to try? This is the course for you! This course is designed for students who wish to pursue drawing on a more serious level. The study of the elements and principles of design will be explored through abstract and realistic subject matter. Students will concentrate on working from direct observation while using a variety of drawing materials. Emphasis is placed on composition and craftsmanship in drawing and understanding of present and past artists.

90071 Drawing 2

Grades: 10-12

0.5 credit

Prerequisite: 90070 - Drawing 1

This class is designed for students who have successfully completed Drawing 1 and wish to explore drawing in greater depth. Advanced concepts are emphasized, and value will be placed on craftsmanship, composition, creativity, aesthetic judgments and personalized methods of expression. **THIS COURSE MAY BE REPEATED FOR CREDIT WITH TEACHER APPROVAL.**

90100 Metal Arts 1

Grades: 9-12

0.5 credit

Prerequisite: 90020 - Art in Design

This course is designed to develop a variety of skills and techniques used in metalsmithing and jewelry. This class will concentrate on the fabrication of three-dimensional forms by a variety of techniques and methods. Techniques may include soldering, casting, chain making, and glass work. Students will incorporate the use of elements and principles of design to create a personal style.

90101 Metal Arts 2

Grades: 10-12

0.5 credit

Prerequisite: 90100 - Metal Arts 1

This course will place emphasis upon designing unique jewelry forms which may incorporate stone setting, resin, wax casting and etching. Other advanced techniques may be explored. Students will need to continue to produce work with high levels of craftsmanship, creativity and will explore various artists and art periods to create a personal style. **THIS COURSE MAY BE REPEATED FOR CREDIT WITH TEACHER APPROVAL.**

90110 Painting 1

Grades: 9-12

0.5 credit

Prerequisite: 90020 - Art in Design

While building upon the elements and principles of design, Painting 1 is primarily concerned with the technical processes of color theory and mixing, paint application, and composition. Emphasis is placed upon design, workmanship, experimentation, and the study of contemporary and traditional artists. It is strongly suggested that students take Drawing 1 before taking this course.

90111 Painting 2 **Grades: 10-12** **0.5 credit**

Prerequisite: 90110 - Painting 1

This course builds on the skills gained in Painting 1, with emphasis on specific problem solving and developing a personal style of expression. Advanced techniques and theories will be explored. **THIS COURSE MAY BE REPEATED FOR CREDIT WITH TEACHER APPROVAL.**

90120 Photography 1 **Grades: 10-12** **0.5 credit**

Prerequisite: 90020 - Art in Design

In this one semester course, students will develop a basic understanding of the artistic and technical aspects of both black and white (analog) photography and digital photography. Students will learn to expose and process both film and digital photographic images while learning the fundamentals of camera control and composition. Students will explore the history of photography through the study of a variety of artists, techniques, and styles.

90121 Photography 2 **Grades: 10-12** **0.5 credit**

Prerequisite: 90120 - Photography 1

This course is designed for those who have successfully completed Photography I. In this class, students will explore advanced techniques in black & white photography and a number of alternative photographic processes including technological advances in photography using digital media. Students will apply the basic principles of composition and elements of design as they apply to photography. Student work is expected to focus on concept development and technical and compositional mastery. Students will work independently and begin to develop a personal style and a meaningful purpose for producing each piece.

90123 Advanced Photography **Grades: 10-12** **0.5 credit**

Prerequisite: 90121 - Photography 2

This course is designed for those who have successfully completed Photography 1 & 2. The class will emphasize production of high quality work while continuing to experiment and explore photographic processes. Students in this course will focus on the conceptual component of their artwork and will also concentrate on technical and compositional mastery. Students will begin a personal journey of independent exploration of photographic media, sophistication of conventional practices and instructor-driven methods in order to extend him/herself in terms of theme or content. Students are expected to complete an 8-10 piece portfolio at the end of the semester.

90140 Sculpture 1 **Grades: 9-12** **0.5 credit**

Prerequisite: 90020 - Art in Design

Do you like working with your hands and building things out of a variety of materials? This class offers students the opportunity to explore sculptural form in both relief and in the round. Students will work with a variety of materials, like clay, plaster, paper, wood, and recycled objects. Students will work with three-dimensional form through realistic, abstract and non-objective subject treatments. Additive and subtractive methods of sculpture, as well as assemblage sculpture will be explored.

90141 Sculpture 2 **Grades: 10-12** **0.5 credit**

Prerequisite: 90140 - Sculpture 1

This course is a continuation of Sculpture 1 in which more advanced sculpture problems will be given special consideration. Figurative subject matter may be emphasized at this level. Materials used will be similar to level one, but with a better understanding of limitations pertaining to a specific medium. **THIS COURSE MAY BE REPEATED FOR CREDIT WITH TEACHER APPROVAL.**

90010/90011 AP Studio Art AA/BB: Drawing **Grades: 11-12** **1.0 credit**
90012/90013 AP Studio Art AA/BB: 2-D Design
90014/90015 AP Studio Art AA/BB: 3-D Design

Prerequisite: *Art and Design (Other level 1 art classes are suggested but not required.)*

Course Note: *Completion of a summer homework assignment is required for this class.*

The College Board provides students with an opportunity to complete 1 of 3 different portfolios. This course may be repeated if the student is creating a different portfolio in the subsequent year. This course is designed for the serious art student in art courses and obtains the recommendation of the art instructor. The quality and breadth of work should reflect first-year college-level standards. The class will emphasize high quality work with product orientation through a process-experimentation-revision approach. Extensive work outside the classroom is required. The end product for AP students will be a portfolio for evaluation by the College Board. College credit may be earned on the basis of the evaluation by that committee.

82408/82409 IB Visual Art SL

82410/82411 IB Visual Art HL

Prerequisite: *Art and Design (Other level 1 art classes are suggested but not required.)*

Course Note: *Only offered at Walled Lake Western. Completion of a summer homework assignment may be required for this class.*

IB Visual Art is a college-level art course that encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. Students will create their portfolio using both 2D and 3D art forms. This course fulfills the IB Group 6 requirement. The end product for IB students will be a portfolio for evaluation by the International Baccalaureate Organization. College credit may be earned on the basis of the evaluation by that committee.

Performing Arts

94000/94001 Acapella Choir (Bel Canto) A/B **Grades: 10-12** **1.0 credit**

Course Note: *Audition or Director Approval*

An intermediate level choir, which requires a high degree of musical knowledge and musicianship. Acappella Choir is Soprano/Alto/Tenor/Bass choir, which meets every day of the week and is a full year class. This course will have a wide range of activities to further develop musicianship. Sacred and secular choral literature of all styles and centuries will be studied and performed. This class is designed for both male and female singers who have a basic music theory background and solid sight reading at the intermediate level. Consistent attendance at all course functions, including after school rehearsals and concerts is considered regular course work. This choir will perform at school concerts, music festivals and competitions, some of which occur in the evenings or weekends. Students in this choir may travel on choir trips when offered. **This course may be repeated.**

94020 Acting 1 **Grades: 9-12** **0.5 credit**

This course is a study of the fundamental theories and techniques of acting. Voice, body movement, and characterization are among the units covered. This course is designed to build confidence, improve self-discipline, and concentration while helping the student feel at ease with his/her experience in the art of drama.

94021 Acting 2

Grades: 10-12

0.5 credit

Prerequisite: 94020 - Acting 1

The purpose of this course is to provide students with the opportunity to develop acting skills as well as skills in literary analysis while doing scene work. The course will survey important authors and plays from several literary periods. Some plays will be studied in depth, and written analysis will be required with scene work. Taking directions, acting style, and rehearsal techniques will be emphasized while each student will have the opportunity to work on his/her personal acting skills.

Ninth graders may take this course with permission of the instructor.

94022 Acting 3

Grades: 10-12

0.5 credit

Prerequisite: 94021 - Acting 2

The major goal of this course is to provide the advanced student with the opportunity to work on his/her own personal acting skills as well as offer various types of performance situations. Taking directions, acting style, and rehearsal techniques will be emphasized. Scenes will be studied in depth and written analysis will be required. Ninth graders are not eligible for this class. **THIS COURSE MAY BE REPEATED FOR CREDIT.**

94030/94031 Advanced Women's Chorus A/B

Grades: 10-12

1.0 credit

Course Note: Audition or Director's Approval

This course is designed for female singers with previous high school choral experience. It is an intermediate level choir open to women wishing to further their musical knowledge and singing skill. This course emphasizes vocal production, intermediate level music reading, listening skills, and the performance and study of sacred/secular songs of all styles and centuries. Consistent attendance at all course functions, including after school rehearsals and concerts is considered regular course work. This choir will perform at school concerts, music festivals and competitions, some of which occur in the evenings or weekends. Students in this choir may travel on choir trips when offered.

94070/94071 Chamber Singers A/B

Grades: 10-12

1.0 credit

Course Note: Audition

The Chamber Singers is an advanced level vocal ensemble, which requires a high degree of discipline, musicality and vocal musicianship. Because this group is a highly respected vocal music ensemble, we look for members who possess qualities of leadership, maturity, stage presence, responsibility, self-motivation and a respectable character. This class meets every day and is a full year class. This course emphasizes vocal production, advanced level music reading, listening skills, and the performance and study of sacred/secular songs of all styles and centuries. This course is designed for both male and female singers who have a good music theory background and have solid sight reading skills. Consistent attendance at all course functions, including after school rehearsals and concerts is considered regular course work. This choir will perform at school concerts, music festivals, competitions, community events and private parties, some of which occur in the evenings or weekends. Students in this choir may travel on choir trips when offered. **THIS COURSE MAY BE REPEATED FOR CREDIT.**

94080/94081 Chamber Ensemble A/B

Grades: 9-12

1.0 credit

Course Note: Director's Approval Required

This course is only open to percussionists. This class is designed for students to experience and study the performance techniques of small ensemble playing. Students will study small ensemble music in a variety of ways, including performance and listening. Outside of school performances are mandatory. This class is designed to enhance student experience in large ensembles, therefore a director may choose to not grant approval to a student who is not currently enrolled in a large ensemble. **THIS COURSE MAY BE REPEATED FOR CREDIT.**

94090/94091 Chamber Strings A/B

Grades: 11-12

1.0 credit

Course Note: *Audition or Director's Approval*

Chamber Strings will consist of the top players in Symphony Strings. This most advanced ensemble requires a high degree of music knowledge, skills and musicianship. Students will perform all the same literature as the Symphony but will spend less class time in preparation and explanation. They will explore the more advanced string and chamber music literature. Because this group is a highly-respected string ensemble, we look for members who possess qualities of leadership, maturity, stage presence, responsibility, and a respectable character. This is a full year class. The ensemble is usually limited to 8-10 violins, 3-4 violas, 3-4 cellos and 1-2 basses. Private lessons are encouraged. Consistent attendance at all class functions including rehearsals and concerts is considered regular class work. This ensemble will perform at school concerts, music festivals, community fundraisers and events and competitions. Classes meet daily. Students will be expected to enroll in Symphony Orchestra. This is mandatory. **THIS COURSE MAY BE REPEATED FOR CREDIT.**



94110/94111 Concert Band A/B

Grades: 9-12

1.0 credit

Course Note: *Director's Approval.*

This course is typically for Freshman only.

This course is designed for students to learn music through performance in band. Prior experience is necessary. Students will perform concerts throughout the year and all performances are mandatory. Additionally students will learn to perform as a member of a team. This course is considered the beginning level of concert bands at the high schools. There are minimal costs involved with this course. **THIS COURSE MAY BE REPEATED FOR CREDIT.**

94120/94121 Concert Choir A/B

Grades: 9-12

1.0 credit

Course Note: *Audition or Director's Approval*

An intermediate level choir, which requires musical knowledge and musicianship. Concert Choir is Soprano/Alto/Tenor/Bass choir, which meets every day of the week and is a full year class. This course will have a wide range of activities to further develop musicianship. Sacred and secular choral literature of all styles and centuries will be studied and performed. This class is designed for both male and female singers who have a basic music theory background and solid sight reading. Consistent attendance at all course functions, including after school rehearsals and concerts is considered regular course work. This choir will perform at school concerts, music festivals and competitions, some of which occur in the evenings or weekends. Students in this choir may travel on choir trips when offered. **THIS COURSE MAY BE REPEATED FOR CREDIT.**

94200/94201 Men's Chorus A/B

Grades: 9-12

1.0 credit

Course Note: *No prerequisite*

This course is designed for all high school men who have not had any previous singing experience at the high school level. This is a tenor/bass choir, which meets every day of the week and is a full year class. This choir serves as a training choir for the more advanced choirs. Primary level sight-reading, vocal technique and appreciation of various musical styles will be emphasized. Both sacred and secular choral music of all styles and centuries will be studied and performed. Consistent attendance at all course functions, including after school rehearsals and concerts is considered regular course work. This choir will perform at school concerts, music festivals and competitions, some of which occur in the evenings or weekends. Students in this choir may travel on choir trips when offered. **THIS COURSE MAY BE REPEATED FOR CREDIT.**

94220/94221 Philharmonia Strings A/B **Grades: 9-12** **1.0 credit**

Course Note: *Audition or Director's Approval*

Philharmonia Strings is a training program primarily for freshmen, but is available to any student 9-12. Any student who needs further instruction on the sixth year of string pedagogical development and possesses a strong desire for self-improvement is welcome. This course will focus on the individual development of stronger skills including how to practice, sight-reading skills, extension of individual technique, ear training and theory. Success will be measured by the continued improvement of all skills and the development of individualized musicianship. Consistent attendance at all class functions including rehearsals and concerts is considered regular class work. This ensemble will perform at school concerts, music festivals, community fundraisers and events and competitions. Philharmonia is a competing ensemble that may also perform as an addendum to the Symphony Orchestra. **THIS COURSE MAY BE REPEATED FOR CREDIT.**

94230 Piano **Grades: 9-12** **0.5 credit**

Class piano is group piano instruction for beginning piano students: those who have little or no prior musical experience with the piano keyboard. Classes will be held in the Music Technology Lab where student musicians will learn basic musicianship, beginning keyboard technique, music theory, and some ensemble performance practices. Students will use the technology lab software to learn music theory. No prior knowledge of music notation or the piano is necessary. **THIS COURSE MAY BE REPEATED FOR CREDIT.**

94240 Stagecraft **Grades: 10-12** **0.5 credit**

Course Note: *Teacher Approval Required. STUDENTS WISHING TO REPEAT THIS COURSE MUST GET TEACHER APPROVAL.*

This course will explore the technical aspects of theater. Emphasis will be placed upon achieving sound knowledge and hands-on experience with such things as stage mechanics, set construction, lighting, sound, makeup, and costumes. Opportunities to work on major productions will be provided. All students will complete a design project centered on a play of their choice.

94250/94251 Symphony Band A/B **Grades: 10-12** **1.0 credit**

Course Note: *Director's Approval*

At CENTRAL and WESTERN this course is not open to freshmen unless concert band will not fit in the student's schedule.

This course is designed for students to learn music through performance in band. Prior experience is necessary. Students will perform concerts throughout the year and all performances are mandatory. Additionally students will learn to perform as a member of a team. This course is considered the intermediate level of concert bands at the high schools. **THIS COURSE MAY BE REPEATED FOR CREDIT.**

94132 From Bach to Rock **Grades: 10-12** **0.5 credit**

This is a one semester music appreciation course which will expose the student to a varied cross section of musical elements that are encountered in everyday life. It will provide a general overview of the characteristics and history of music from Bach to Rock. The course will emphasize the rudiments of music, the various musical instruments, the basics of music history, and the growth and development of modern music. Attendance at one out-of-school concert will be required as part of this class. **THIS COURSE MAY BE REPEATED FOR CREDIT.**

94130/94131 Flag Corp (Color Guard) **Grades: 9-12** **0.5 credit**

Course Note: *Only offered at Central
Director's Approval required.*

This course is designed for students to study and perform the elements of color guard which include body movement, dance, flag, and the use of auxiliary equipment. Dance or gymnastic background is helpful while not required. There are no out of school day performances required for this class and no prior experience is necessary. **THIS COURSE MAY BE REPEATED FOR CREDIT.**

94180 Jazz Ensemble **Grades: 9-12** **0.5 credit**

Course Note: *At CENTRAL and WESTERN, this class is offered as a Zero Hour only and only second semester. At NORTHERN this class is offered during the school day, second semester only.
Director's Approval required.*

Jazz Ensemble is a performance based class for instrumental musicians. Students will study and perform music from the genres of jazz, pop, Latin, and rock. Outside of school performances are mandatory. **THIS COURSE MAY BE REPEATED FOR CREDIT.**

94190 Marching Band **Grades: 9-12** **0.5 credit**

Course Note: *Director's Approval. This ensemble rehearses in the evening.*

The marching band is one of the most recognized and acclaimed performance ensembles. This ensemble is made up of four main sections: Brass, Woodwind, Percussion, and Color Guard/Majorettes. This ensemble is highly recommended for all students enrolled in one of the concert bands. All students are expected to attend a marching band camp in August and other summer rehearsals. There are many outside of the school day performances and rehearsals and attendance is mandatory at all rehearsals and performances. There are fees required for this course. Anyone needing financial assistance for the field trips should contact the director as soon as possible. **THIS COURSE MAY BE REPEATED FOR CREDIT.**

94210 Music Theory **Grades: 10-12** **0.5 credit**

Course Note: *Teacher Approval*

This elective course is open to sophomores, juniors and seniors with approval of the teacher. It is strongly recommended that students have strong mathematical and reasoning skills as well as Keyboard skills and excellent musicianship. Students will make an in-depth study of the mechanics of musical compositions. Ear training, harmony, form and analysis will be studied simultaneously. Students will work primarily in the Music Tech Lab on keyboards. Qualified students may take the AP Level Course and take the AP Music Theory Test for College Credit at the end of the 2nd semester. **THIS COURSE MAY BE REPEATED FOR CREDIT.**

94270/94271 Symphony Strings A/B **Grades: 9-12** **1.0 credit**

Prerequisite: *94261 - Symphony Orchestra Winds B*

Course Note: *Audition or Director's Approval*

Symphony Strings consists primarily of upper class students who have mastered more than the basics on their instrument, thrive on challenge, have a strong sense of musicianship, have established for themselves a successful practice routine, understand how to problem solve in their individualized practice sessions, have excellence as a goal, and wish to pursue professional symphony literature on a day to day basis. Consistent attendance at all class functions including rehearsals and concerts is considered regular class work. This ensemble will perform at school concerts, music festivals, community fundraisers and events and competitions. Students will be expected to enroll in Symphony Orchestra in addition and attend after school lab rehearsals twice a week as determined by building and director. **THIS COURSE MAY BE REPEATED FOR CREDIT.**

94280 Theatre Production

Grades: 10-12

0.5 credit

Prerequisite: 94020 - Acting 1 or 94240 - Stagecraft

This course is open to advanced acting and technical students. Students in this class will become members of a production team for plays and other types of productions. Students must be willing to accept the responsibilities of production work for audiences. Students may choose to act, do technical work, or do both for the shows produced. In addition to production work, advanced theory and practice in both acting and technical aspects of theater will be part of this course. ACTING 2 and STAGECRAFT is recommended as a prerequisite. **THIS COURSE IS ONLY OFFERED 2nd SEMESTER. THIS COURSE MAY BE REPEATED FOR CREDIT.**

82402/82403 IB Film SL

Grades: 11-12

1.0 credit

82404/82405 IB Film HL

Grades: 11-12

1.0 credit

Course Note: Only offered at Walled Lake Western.

IB Film requires no previous experience. IB Film aims to develop students' skills so that they become adept in both interpreting and making film texts. Through the study and analysis of film texts and exercises in film-making, the course explores film history, theory and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. To achieve an international understanding within the world of film, students are taught to consider film texts, theories and ideas from the points of view of different individuals, nations and cultures. In addition, the HL course culminates in the practical and technical skills of production. This course fulfills the IB Group 6 requirement. The end product for IB students will be a portfolio for evaluation by the International Baccalaureate Organization. College credit may be earned on the basis of the evaluation by that committee.

82400/82401 IB Theatre SL AA

Grades: 11-12

1.0 credit

Course Note: Only offered at Walled Lake Western.

IB Theatre requires no previous experience in drama or theatre, however Acting 1 may prove helpful. Since this one-year course is designed to enable students to experience theatre on a personal level, achievement in this subject is reflected in how students develop, extend and refine the knowledge, skills and attitudes necessary for studying this art form. Students will use their individual ability to be creative and imaginative to learn to communicate in dramatic form. IB Theatre provides a relevant learning opportunity for a diverse range of students as it lays an appropriate foundation for further study in theatre, performing arts and other related subjects. In addition, by instilling discipline, and refining communication and group-work skills, it offers a valuable course of study for students who may wish to pursue a career or further education studies in areas unconnected to theatre. This course fulfills the IB Group 6 requirement.

94300/94301 Vocal Ensemble A/B

Grades: 9-12

1.0 credit

Course Note: Audition and enrollment in a daytime choir required

This class is designed for students with previous choral experience. This is an intermediate level choir open to students wishing to further their musical knowledge and experience. The Ensemble splits into two choirs: a TTBB Men's Ensemble and an SSAA Women's Ensemble which meet after school and is a full year class. This course emphasizes performance, advanced vocal production, intermediate level sight reading and appreciation of various musical styles. Both sacred and secular choral music of all styles and centuries will be studied and performed. Consistent attendance at all course functions, including after school rehearsals and concerts is considered regular course work. This choir will perform at school concerts, music festivals and competitions, some of which occur in the evenings or weekends. Students in this choir may travel on choir trips when offered. **This course may be repeated.**

94310/94311 Wind Ensemble A/B

Grades: 9-12

1.0 credit

Course Note: *Audition and Director's Approval Required*

This course is designed for students to learn music through performance in band. Prior experience is necessary. Students will perform concerts throughout the year and all performances are mandatory. Additionally students will learn to perform as a member of a team. This course is the advanced level of concert bands at the high schools. **This course may be repeated.**

94320/94321 Women's Chorus A/B

Grades: 9-12

1.0 credit

Course Note: *No prerequisite*

This course is designed for all high school women who have not had any previous singing experience at the high school level. This is a soprano/alto choir, which meets every day of the week and is a full-year class. This choir serves as a training choir for the more advanced choirs. Primary level sight-reading, vocal technique and appreciation of various musical styles will be emphasized. Both sacred and secular choral music of all styles and centuries will be studied and performed. Consistent attendance at all course functions, including after school rehearsals and concerts is considered regular course work. This choir will perform at school concerts, music festivals and competitions, some of which occur in the evenings or weekends. Students in this choir may travel on choir trips when offered. **This course may be repeated.**

Career Technology Department

90021 Animation A Grades: 9-12 0.5 credit

Course Note: No prerequisite

This course will introduce fundamental principles of animation, character design, and storyboarding focusing on a variety of **beginning** animation techniques. The goal is to have students explore a variety of animation processes to then create their own short, animated film consistent with entry-level college/industry standards.

91018 Animation B Grades: 9-12 0.5 credit

Prerequisite: 90021 Animation A

This course continues the study of animation fundamentals, character design and development, and storyboarding within a range of **advanced** animation techniques, including 3D computer software and other media. Students will create their own directed short, animated film consistent with entry-level college/industry standards.

91010/91011 Architectural CAD 1A/1B Grades: 9-12 1.0 credit

Course Note: Completion of this class will fulfill the fourth-year Mathematics credit requirement or will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.

This course is designed for students who want some exploratory work in architectural drafting and the ability to plan their own home. The course includes the study of basic design, construction details, and materials used in residential and commercial buildings. Development of fundamental drafting skills and techniques necessary to prepare architectural plans will be stressed. The student will use 3-dimensional computer design software to create his/her home design. Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91012/91013 Architectural CAD 2A/2B Grades: 10-12 1.0 credit

Prerequisite: 91010 - Architectural Drafting 1A; 91011 - Architectural Drafting 1B

Course Note: Completion of this class will fulfill the fourth-year Mathematics credit requirement or will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.

This course is a continuation of the architectural drawing skills and techniques used in Architectural Drawing 1 with added study in home design, electrical layout, plumbing requirements necessary to complete a set of working drawings. Advanced work in computer-aided drafting and design is included. Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91030/91031 Introduction to Programming A/B Grades: 9-12 1.0 credit

Course Note: Completion of this class will fulfill the fourth-year Mathematics credit requirement or will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.

This class is for students interested in exploring computer science and programming, including the concepts of structure, design, logical reasoning, and graphical programming. Students will learn how to solve programming problems by breaking them down into logical steps. A variety of software systems are used so the student can learn fundamental programming skills. **This course is a related course for High Tech Work-Based Learning (Co-Op).** Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91000/91001 AP Computer Science AA/BB

Grades: 10-12

1.0 credit

Prerequisite: *Teacher Approval*

Course Note: *Completion of this class will fulfill the fourth-year Mathematics credit requirement or will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

Completion of a summer homework assignment is required for this class.

This course is modeled after a college-level programming course and will follow the guidelines established by the College Board. The course will begin with a brief review of functions and include classes, structures, memory accessing and other topics required for problem solving in the JAVA language. Students successful in AP Computer Science will be prepared to take the Advanced Placement examination in Computer Science. **This course is a related course for High Tech**

Work-Based Learning (Co-Op). Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91004/91005 AP Computer Science Principles AA/BB

Grades: 9-12

1.0 credit

Course Note: *Completion of this class will fulfill the fourth-year Mathematics credit requirement or will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

This is a survey of computer science intended for all students, regardless of career goals. Following guidelines of the College Board, students will use computational thinking practices throughout this course. Four units of study include: digital information (encoding, binary), the Internet (internet protocols, routing, encryption), programming (write procedures and functions, string manipulation and image processing), and data(searching and data mining). **This course is a related course for High Tech Work-Based Learning (Co-Op).** Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91040 Business Law

Grades: 9-12

0.5 credit

Course Note: *No prerequisite*

This course introduces the fundamental principles of business law. Topics covered in this course include the following: business ethics, civil law and procedure, business crimes and torts, contract, labor and employment, intellectual property, consumer rights and protections, lease agreements and prenuptial agreements, dispute resolutions through the courts and alternative means. Analysis of relevant cases and current issues in business law will be incorporated in order to encourage analytical thinking. This course is an excellent foundation for those planning to major in business in college. Prospective business owners, managers, accountants, attorneys, paralegals, and others seeking to broaden their understanding of the legal system will benefit from this course.

91050/91052 Business Work-Based Learning (Co-Op) A/B

Grade: 12

1.0 credit

Course Note: *Acceptance into the Work-Based Learning program requires attendance and acceptable grade(s) in related class(es). Student must be in good standing according to the signed application and Work-Based Learning contract.*

This course is designed for students with a background in computers and/or accounting. Students work in a business environment. The coordinator will match student skills to an employment opportunity and will send students out on job interviews. In addition to the credit students receive for co-op work, they will also be earning an hourly wage. Credit for the program is based upon full completion.

91072/91073 Accounting 2A/2B Grades: 10-12 1.0 credit

Prerequisite: 91071 - Accounting 1B

Course Note: *Completion of this class will fulfill the fourth-year Mathematics credit requirement or will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

This course is a continuation of Computerized Accounting. It takes the basic accounting principles and processes learned in the first course, and expands upon their uses. This course is strongly recommended for students who wish to pursue a career in Business or Finance. Using an integrated approach in the course, students learn how businesses plan for and evaluate operating, financing and investing decisions and then how accounting systems gather and provide data to internal and external decision makers. This course covers all the learning objectives of a traditional college level accounting course, plus those from a managerial accounting course. Topics include accounting information systems, time value of money, accounting for merchandising firms, sales and receivables, fixed assets, debt, equity, cash flow, financial ratios, cost-volume profit analysis and variance analysis. Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91080/91081 Business Technology 1A/1B Grades: 9-12 1.0 credit

Course Note: *Completion of this class will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

This course is intended for any student desiring exposure to business applications using Microsoft Office Suite (Word, Excel, and PowerPoint). Students will develop proficiency in word processing, creating spreadsheets, and multimedia presentations. Skills taught and practiced using business scenarios and training tools to allow students to prepare for future college and career plans. Students can earn industry certification through the opportunity to take the Microsoft Office Certificate industry standard test. This course is also an introduction to graphics and design technology, including principles and elements of graphic design using computers to generate ideas with use of critical thinking strategies use in Business worldwide. Business concepts covered using technology include International Business, Business Planning, Human resource, Leadership, Law and Ethics, and Project Management. **This course is a related course for Business Work-Based Learning (Co-Op).** Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91082/91083 Business Technology 2A/2B Grades: 9-12 1.0 credit

Prerequisite: 91080/91081 – Business Technology 1A/1B

Course Note: *Completion of this class will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts* This class will continue to explore Advanced Microsoft Office Certifications that are a valuable credential recognized worldwide. Students will have proof that they have the business technology skills needed to work productively and efficiently in the business world. This course explores principles and elements of design and data management. Student's will continue to explore different software programs that combine text and graphics, as well as worksheets and charts created in other programs to produce professional quality documents. Students will also develop an understanding of the variety of career opportunities available. Advanced Business concepts covered using technology include International Business, Business Planning, Human resource, Leadership, Law and Ethics, and Project Management. **This course is a related course for Business Work-Based Learning (Co-Op).** Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91110/91111 Engineering CAD 1A/1B

Grades: 9-12

1.0 credit

Course Note: *Completion of this class will fulfill the fourth-year Mathematics credit requirement or will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

This course is intended for the student who may be interested in engineering design. The course covers detail and working drawings, 3-dimensional solid modeling, and sheet metal drawings. With parametric, students define their model according to the size, shape, and the positional relationships of its parts. Focus is based on part modeling, assembly modeling, surface modeling, and rendering. Students will learn how to automatically generate multi view detail drawings, auxiliaries, section views and revolutions. They will also have the capability to easily create, document, and analyze mechanical assemblies essential for workgroup collaboration. Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91112/91113 Engineering CAD 2A/2B

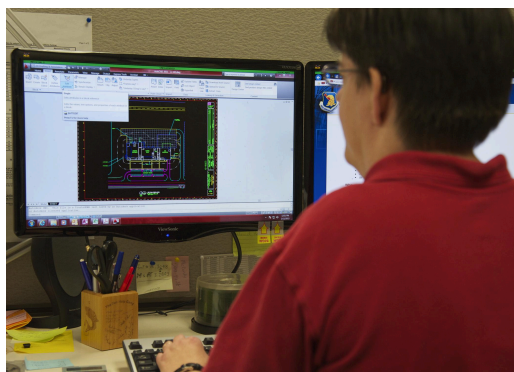
Grades: 10-12

1.0 credit

Prerequisite: *91110 - Engineering Drafting 1A / 91111 - Engineering Drafting 1B.*

Course Note: *Completion of this class will fulfill the fourth-year Mathematics credit requirement or will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

This course is a continuation of the Intro Course with an emphasis on 3 dimensional modeling. This course gives a firmer foundation in the fundamentals of drafting. More complex work in orthographic projection, detail, and assembly drawings is covered. The course focuses on the concept of 3D space, rendering techniques, meshes, objects, solid modeling, editing solid models, and producing engineering drawings from solid models. Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.



91130/91131 Entrepreneurship A/B

Grades: 10-12

1.0 credit

Prerequisite: *Marketing 1A/B or Teacher Approval*

Course Note: *Completion of this class will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

Entrepreneurship is a marketing related course which focuses on recognizing business opportunities, understanding the potential risks taken within the prospective business, starting a business, and operating and maintaining that business. Upon completion of this course, the student will have researched a business venture, developed a business plan and proposed the plan to potential investors and leaders. **This course is a related course for Marketing Work-Based Learning (Co-Op).** Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91150/91152 High Tech (Co-op) Work-Based Learning A/B **Grades: 11-12** **1.0 credit**

Course Note: *Students must be accepted into the Work-Based Learning Program (Co-Op) in which attendance and acceptable grade are required in the related class. Students must be in good standing according to the signed application and Work-Based Learning contract to remain in this program.*

This course is designed for students with experience and knowledge in the high tech computer area. Students will work as computer technicians. The coordinator will match your skills to a technical position and send you out on job interviews. You must be enrolled in Networking Technologies, Cisco I or II, Web Design, or Programming. In addition to the credit you receive for co-op work, you will also be earning an hourly wage. Co-op is a one-year program. Credit for the program is based upon full completion. Students must enroll in a related course each semester.

91220 Introduction to Business **Grades: 9-12** **0.5 credit**

This course offers a fundamental overview of essential business concepts, covering topics such as economics, business organization, marketing, finance, management, and entrepreneurship. Through real-world examples, students will gain practical skills for potential careers in business. They will learn to create business plans, analyze costs and profits, manage finances, and consider ethical and social implications in decision-making.

91240/91241 Marketing 1A/1B **Grades: 9-12** **1.0 credit**

Course Note: *Completion of this class will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

This course is designed for students interested in the business industry and those interested in marketing careers and co-op during their senior year. Marketing opportunities are surveyed and competencies are related to the world of work. Areas of study include advertising, communications, display, human relations, merchandising, sales, operations. **This course is a related course for Marketing Work-Based Learning (Co-Op).** Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91250/91252 Marketing (Co-op) Work-Based Learning A/B **Grade: 12** **1.0 credit**

Prerequisite: *91240/91241 - Marketing 1A/1B or acceptance into the Co-op program*

Course Note: *Completion of this class will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

The Marketing Co-op Work program is designed for students who are interested in exploring the field of marketing. The co-op student works ten to twenty-four hours per week at a co-op training station and earns an hourly wage along with two credits towards graduation. Through the supervisor's evaluations, the coordinator's visitation, and co-op student's training agreement, a student will receive valuable work-based learning experience related to his/her career goal.

91271/91272 Retailing & Promotional Marketing A/B Grades: 10-12 1.0 credit

Prerequisite: 91240/91241 - Marketing 1A/1B

Course Note: *Completion of this class will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

There are two areas concentrated with this course; promotions as a professional career and retailing. Promotions will allow the students to focus on creating and implementing professional promotions. Focusing on the promotional mix the student will learn advanced concepts in focus groups/ marketing research, advertising concepts, and public relations. Retailing will have the students focus on aspects of running a day to day business, designing floor layout, pricing, purchasing, and more. This class will provide students the opportunity to develop skills in the following areas: sales process, buyer behavior, communication styles, ethics, international selling, and retailing as a career. This class will use the school store as a working class lab. The students in this class will be involved in managing the school store. **This course is a related course for Marketing Work-Based Learning (Co-Op).** Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91304/91305 Media Production A/B Grades: 9-12 1.0 credit

Course Note: *This course is offered at Walled Lake Western (Central and Northern students may be transported by the school district). Completion of this class will fulfill the fourth-year Mathematics credit requirement or will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

Media Production is a "hands-on" production course. Students will have an opportunity to combine technical, directing, and performance skills in the field of Media Production. They will create the daily newscasts for Western High School, produce and edit their own video projects, participate in podcasts, and a variety of film contests. The primary focus of this course is to have fun and let your creative side show while learning all the basic professional video equipment and editing software! This course is open to all 9th-12th grade students. Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91306/91307 Advanced Media Production A/B (1 Hour) Grades: 10-12 1.0 credit

Prerequisite: 94291 – Media Production A/B

Course Note: *This course is offered at Walled Lake Western only. (Central and Northern students may be transported by the school district). Completion of this class will fulfill the fourth-year Mathematics credit requirement or will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

In this course, students will have the opportunity to combine skills acquired in Media Production. This course will go more in depth with editing video projects, creating more detailed shows, promos, and podcasts. Students' work will be entered in a variety of film contests. This course will mirror how a professional broadcasting studio operates as students work more independently on their advanced media production projects. **THIS COURSE MAY BE REPEATED FOR CREDIT WITH TEACHER APPROVAL.** Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91212/91213 Outreach: Leadership; Youth and Development **Grade: 11-12** **2.0 credit**

Course Note: *Completion of this class will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

Outreach is a year-long TWO-credit course that introduces students to instructional leadership and authenticity in the classroom. Students will learn strategic practices in leading by example, conflict resolution, coping with stress, and practical experience in an elementary school setting. An online component also covers ethics, professionalism, instructional strategies, and system support. Successful course completion makes students eligible to apply for the MiYDA certificate. It is HIGHLY recommended that you are able to provide your own transportation to and from your placement school. Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91214/91215 Educational Leadership **Grades:11-12** **1.0 Credit**

Prerequisite: *91212/91213 Outreach: Leadership; Youth Development*

Course Note: *Completion of this class will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

Ed Leadership is a one-year, one-credit advanced course available to students who have Outreach completed as a prerequisite. It offers an extended practicum, allowing students to accumulate more hours toward the MiYDA credential. This advanced course focuses on applying various educational theories and delves deeper into advanced instructional strategies. Students will be eligible for up to seven transferable credits at various universities upon completion as well as the MiYDA credential. It is HIGHLY recommended that you are able to provide your own transportation to and from your placement school. Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91300/91301 Professional Marketing A/B **Grades: 10-12** **1.0 credit**
(Sports/Entertainment/Hospitality Marketing/Entrepreneurship)

Prerequisite: *91240/91241 - Marketing 1A/1B*

Course Note: *Completion of this class will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

This is an advanced marketing course. It is designed for students interested in future business careers. The student will analyze the various areas of Sports, Entertainment, Hospitality Marketing and Entrepreneurship. Upon completion of this course, the student will develop successful marketing/business plans for athletic teams, entertainment events, and the travel and tourism industry. The course content will include focusing on careers within each industry, event management, promotion, customer service, public relations, communications and merchandising. International as well as local venues will also be studied. **This course is a related course for Marketing Work-Based Learning (Co-Op).** Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91336/91338 Trade & Industrial (Co-op) Work-Based Learning A/B Grade: 12 1.0 credit

Course Note: *Acceptance in the Work-Based Learning Program. This class is only offered at Western but is open to students from Northern or Central. Attendance and grade in related class must be in good standing according to the signed application and co-op contract to remain in the Work-Based Learning Program.*

This course is designed for seniors who have background courses in the Industrial-Technical area and wish to work in the community. Students interested in entering a trade or industry such as CAD/Drafting and Architecture should elect this course. Many new positions, with laboratory settings, require students with computer, math, or science backgrounds as well. The co-op students work 10-24 hours weekly at a training station and earn an hourly wage along with credit toward graduation. Through the supervisor's evaluation, the coordinators' visitations, and the co-op student's training plan, a student will receive valuable work-based learning related to his/her career goal. Students completing the year successfully will receive a vocational certificate. Work-Based Learning is a year-long program and credit is based on full completion.



91340/91341 Web Design 1A/1B Grades: 9-12 1.0 credit

Course Note: *Completion of this class will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

This course offers the student an opportunity to learn the methods and procedures required to design, implement, and maintain effective web sites. Students develop skills to produce web-ready communications, learn graphic design principles, web site development and web site design strategies. Projects focus on a variety of graphical images, logos, banners, web sites, web photo albums and interactive graphics. Students will be exposed to the capabilities and structure of HTML coding, and use Adobe Dreamweaver to design, build and administer web sites and Adobe Photoshop to develop graphics. **This course is a related course for High Tech Work-Based Learning (Co-op).** Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91342/91343 Web Design 2A/2B Grades: 10-12 1.0 credit

Prerequisite: 91340/91341 - Web Design 1A/1B

Course Note: *Completion of this class will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

This course offers the student an opportunity to gain real world experience in the field of Web Design by building and maintaining websites. Students will expand their knowledge of design techniques and animation skills that will enhance the productivity and layouts of their sites. A continuation of good design principles from Web Design 1 are also emphasized and evaluated. During this course students will complete the skills necessary to achieve Adobe Certifications in this and future classes. **This course is a related course for High Tech Work-Based Learning (Co-op).** Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

91344/91345 Web Design 3A/3B

Grades: 10-12 1.0 credit

Prerequisite: 91342/91343 - Web Design 2A/2B

Course Note: *Completion of this class will meet the state-approved formal CTE program for 1.0 exchange credit in Science or World Language or Visual, Performing & Applied Arts.*

This course offers the student an opportunity to experience advanced real world experience in the field of Web Design by building and maintaining web sites and focusing on certifications. Students will expand their knowledge of design techniques and animation skills that will enhance the productivity and layouts of their sites. A continuation of good design principles from Web Design 1 & Web Design 2 are also emphasized and evaluated. During this course students will complete the skills necessary to achieve Adobe Certifications in this and future classes. **This course is a related course for High Tech Work-Based Learning (Co-op).** Through articulation agreements, students may earn college credits, contact a CTE teacher for more information.

English Department

81050/81051 English Essentials 9 A/B Grade: 9 1.0 credit

Course Note: *This course must be taken concurrently with English 9.*

This two-semester course is designed to accelerate literacy skills rapidly by providing targeted and differentiated instruction supporting the English 9 curriculum. Generally, students recommended for this course are reading at least two grade levels below that expected of a ninth grade student as identified by a district-approved diagnostic assessment.

81058/81059 Reading Intervention Grades: 9-10 0.5 credit

Course Note: *Must be taken concurrently with grade level English course. This course is offered only to students invited based on a variety of assessment tools. Class is taken for credit/no credit. If passed, transcript will reflect a grade of "CR", will not impact GPA, and student will earn 0.5 elective credit. If the class is not passed, transcript will reflect a grade of "NC", will not impact GPA, and student will earn NO CREDIT.*

This is a one-semester course offering a unique classroom experience emphasizing community building and literacy development. Students are taught active reading skills to increase their reading comprehension with the goal of becoming grade level readers who are better able to navigate content area literacy demands. The course emphasizes small group instruction, meets students where they are, and accelerates reading development.

92070/92071 English 9 A/B Grade: 9 1.0 credit

This two-semester course meets the State of Michigan's 1.0 Michigan Merit Curriculum credit requirement for English 9. The course is designed to increase reading, writing, speaking/listening, language (grammar, vocabulary, spelling), and research skills as students interact with, and respond to, a wide variety of literature and informational texts.

92130/92131 Honors English 9 AA/BB Grade: 9 1.0 credit

This two-semester course meets the State of Michigan's 1.0 Michigan Merit Curriculum credit requirement for English 9. Intended for students demonstrating advanced reading, writing, and interpretive skills, the course is designed to increase reading, writing, speaking/listening, language (grammar, vocabulary, spelling), and research skills as students interact with, and respond to, a wide variety of literature and informational texts. Honors classes address the grade level standards and cover additional topics. Topics are examined in greater depth and are supported by texts of greater complexity. Successful students leave Honors English 9 with the necessary skills to continue in the Honors program and eventually enter AP or IB classes.

92080/92081 English 10 A/B Grade: 10 1.0 credit

Prerequisite: *English 9*

This two-semester course meets the State of Michigan's 1.0 Michigan Merit Curriculum credit requirement for English 10. The course builds on, and further develops, the reading, writing, speaking/listening, language (grammar, vocabulary, spelling), and research skills acquired in English 9 as students interact with, and respond to, a wide variety of literature and informational texts.

92132/92133 Honors English 10 AA/BB

Grade: 10

1.0 credit

Prerequisite: *English 9*

This two-semester course meets the State of Michigan's 1.0 Michigan Merit Curriculum credit requirement for English 10. Intended for students demonstrating advanced reading, writing, and interpretive skills, the course is designed to increase the reading, writing, speaking/listening, language (grammar, vocabulary, spelling), and research skills acquired in English 9 as students interact with, and respond to, a wide variety of literature and informational texts. Honors classes address the grade level standards and cover additional topics. Topics are examined in greater depth and are supported by texts of greater complexity. Successful students leave Honors English 10 with the necessary skills to continue in the Honors program and eventually enter AP or IB classes.

92082/92083 English 11 A/B

Grade: 11

1.0 credit

Prerequisite: *English 10*

This two-semester course meets the State of Michigan's 1.0 Michigan Merit Curriculum credit requirement for English 11. The course builds on, and further develops, the reading, writing, speaking/listening, language (grammar, vocabulary, spelling), and research skills acquired in English 10 as students interact with, and respond to, a wide variety of literature and informational texts.

92134/92135 Honors English 11 AA/BB

Grade: 11

1.0 credit

Prerequisite: *English 10*

Course Note: *Only offered at Walled Lake Northern.*

This two-semester course meets the State of Michigan's 1.0 Michigan Merit Curriculum credit requirement for English 11. Intended for students demonstrating advanced reading, writing, and interpretive skills, the course is designed to increase the reading, writing, speaking/listening, language (grammar, vocabulary, spelling), and research skills acquired in English 10 as students interact with, and respond to, a wide variety of literature and informational texts. Honors classes address the grade level standards and cover additional topics. Topics are examined in greater depth and are supported by texts of greater complexity. Successful students leave Honors English 11 with the necessary skills to enter AP or IB classes.

92102/92103 English 12 A/B

Grade: 12

1.0 credit

Prerequisite: *Completion of English 9, 10 and 11*

This two-semester course meets the State of Michigan's 1.0 Michigan Merit Curriculum credit requirement for English 12. The course builds on, and further develops, the reading, writing, speaking/listening, language (grammar, vocabulary, spelling), and research skills acquired in English 11 as students interact with, and respond to, a wide variety of literature and informational texts.



92012/92013 AP Capstone Diploma: AP Seminar **Grades: 10-12** **1.0 Credit**

Course Note: *Only offered at Walled Lake Northern and Central. First of two classes required to qualify for AP Capstone Diploma.*

This two-semester course meets the State of Michigan's 1.0 Michigan Merit Curriculum credit requirement for English 11 for Walled Lake. AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. (AP Seminar Course and Exam Description, 2016, p. 9) For more information please see pgs 40-42.

92010/92011 AP English Language & Composition AA/BB **Grades: 11-12** **1.0 credit**

Course Note: *Completion of a summer reading and writing assignment is required.*

Advanced Placement English provides college-level experiences in language, nonfiction, visual literacy, and composition in a demanding program involving extensive reading, writing, and discussion. The course covers a College Board recommended curriculum designed to develop skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and skilled writers who can compose for a variety of purposes. At the end of the course, students have the option of taking the national Advanced Placement English Language examination for possible college credit.

92000/92001 AP English Literature & Composition AA/BB **Grade: 12** **1.0 credit**

Course Note: *Completion of a summer reading and writing assignment is required.:*

Advanced Placement English provides college level experiences in language, literature, and composition in a demanding program involving extensive reading, writing, and discussion. The course covers the College Board recommended curriculum and emphasizes the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the techniques writer's use to enhance meaning and sophistication in their works. Students will have the opportunity to strengthen their own writing techniques in preparation for their future academic experiences. At the end of the course, students have the option of taking the national Advanced Placement English Literature examination for possible college credit.

82200/82201 IB English HL 1 AA/BB **Grade: 11** **1.0 credit**

82202/82203 IB English HL 2 AA/BB **Grade: 12** **1.0 credit**

Course Note: *Only offered at Walled Lake Western. Completion of a summer reading and writing assignment is required.*

IB English HL provides college-level exploration of both English literature and language. This two-year exploration of literature encourages students to see literary works as products of human creativity and ingenuity. Students will read and critically analyze literature from different cultures and time periods. Students will also explore the role of language in a variety of sources, genres and media. These explorations will provide students with an understanding that through this diversity, we recognize the universal nature of the human condition. This course fulfills the IB Group 1 requirement. At the end of the course, students have the option of taking the IB English HL Language and Literature examination for possible college credit.

92202 American Cultural Studies

Grades: 11-12

0.5 credit

Course Note: *Must be taken concurrently with grade level English course.*

Only offered at Walled Lake Northern.

In this semester course students gain a deeper understanding of American diversity and cultural values that impact our social and cultural experience. By examining subgroups of the American experience, students gain a better understanding of others and themselves. The topics include the following: class, race, gender, age, regional differences, different religious experiences, mental health, family as an institution, technology, and political attitudes in America.

92100 Forensics English

Grades: 9-12

0.5 credit

Course Note: *Must be taken concurrently with grade level English course.*

Only offered at Walled Lake Western.

This semester course introduces students to the art of public speaking and the oral interpretation of literature. Students write, edit, analyze, perform, and critique all of the elements involved in successful public communication. Students need not join the Forensics Team to be enrolled in the class. THIS COURSE MAY BE REPEATED FOR CREDIT.

92180 Journalism

Grades: 9-12

0.5 credit

Course Note: *Must be taken concurrently with grade level English course.*

This semester course introduces students to the operation of a newspaper, and includes the development of interviewing skills, understanding of related laws/ethics, news writing, editorial writing, feature writing, sports writing, headlining, copy-reading, page layout, and photography/graphics. Students are required to write for the school newspaper.

92190 Literature on Film

Grades: 10-12

0.5 credit

Course Note: *In 10th grade this is an elective course which must be taken concurrently with grade level English Course. Taken in 11th grade this course must be taken concurrently with grade level English Course. Taken in 11th or 12th grade this course can satisfy 0.5 of the 4.0 grade level Michigan Merit Curriculum credit requirement.*

This semester course develops the reading, writing, speaking/listening, and analytic skills necessary to explore works of literature and film. Students will also practice the compositional skills necessary to produce screenplays.

92200 Media Literacy

Grades: 10-12

0.5 credit

Course Note: *In 10th grade this is an elective course which must be taken concurrently with grade level English Course. Taken in 11th grade this course must be taken concurrently with grade level English Course. Taken in 11th or 12th grade this course can satisfy 0.5 of the 4.0 grade level Michigan Merit Curriculum credit requirement. Only offered at Central and Northern.*

This semester course develops students' literacy skills as they examine the impact of media on American society. The media teach all Americans lessons without their permission. Media literacy takes a look at those lessons and how to undo them. In the process, students become active viewers instead of passive consumers. The class dissects advertising, television (including YouTube and reality TV), music, shopping, food, movies, violence, video games, the news, and more.

92210 Mythology **Grades: 10-12** **0.5 credit**

Course Note: *In 10th grade this is an elective course which must be taken concurrently with grade level English Course. Taken in 11th grade this course must be taken concurrently with grade level English Course. Taken in 11th or 12th grade this course can satisfy 0.5 of the 4.0 grade level Michigan Merit Curriculum credit requirement.*

This semester course emphasizes the study of myths (including those of ancient Greece and Rome). As students explore myths, they make connections across time, place, and literature and learn how myths affect the way humans think and what they believe. Students write original myths and are expected to memorize extensively, read widely, and write about their learning.

92220/92221 Newspaper A/B **Grades: 9-12** **1.0 credit**

Prerequisite: *Journalism or counselor override.*

Course Note: *Must be taken concurrently with grade level English course.*

This course is for the self-disciplined, advanced writer who has learned the basics of grammar and composition. The course is designed to deepen the writing skills acquired in *Journalism*. In this class, students use varied syntax. They organize ideas, concepts, and information through formatting, data tables, and computer graphics. Students write frequently, developing topics thoroughly by selecting the most significant and relevant facts, quotations, or other information, and use precise language and domain-specific vocabulary. **Class members comprise the staff of the school newspaper and are responsible for publishing and managing online publications. THIS COURSE MAY BE REPEATED FOR CREDIT.** (Students may earn up to 1 English credit; elective credit thereafter. May not replace English 9, English 10, English 11, or English 12.).

92031 College Reading **Grades: 11-12** **0.5 credit**

Course Note: *Must be taken concurrently with English 11 or English 12.*

Only offered at Northern.

This semester course improves and reinforces essential reading, study, and vocabulary skills. Students learn how to prepare for, and take, rigorous college-level exams, and develop a wider, more efficient vocabulary. As they are exposed to a diverse selection of essays, students improve their abilities to read and critically analyze nonfiction texts as they create specific and detailed notes. In addition, students read novels, biographies, and other texts related to a variety of topics about college and the world. Projects and presentations are two of the many ways that student learning is assessed.

92040 Communications 1 **Grades: 10-12** **0.5 credit**

Course Note: *In 10th grade this is an elective course which must be taken concurrently with grade level English Course. Taken in 11th grade this course must be taken concurrently with grade level English Course. Taken in 11th or 12th grade this course can satisfy 0.5 of the 4.0 grade level Michigan Merit Curriculum credit requirement. Only offered at Walled Lake Northern and Western.*

This semester course provides students with theory and practice in the principles of communication. Students develop their speaking, listening, and language skills as they become more effective and at ease in a variety of communication situations.

92041 Communications 2 **Grades: 10-12** **0.5 credit**

Prerequisite: *Communications 1*

Course Note: *Must be taken concurrently with grade level English course. Only offered at Northern and Western.*

This semester course builds on *Communications I* and provides students with additional tools to support the analysis and application of communication theories. Practice in specific speech activities such as discussion, public speaking, creative speaking, and interpersonal communication is emphasized.

92050 Contemporary Novels

Grades: 10-12

0.5 credit

Course Note: *Must be taken concurrently with grade level English course. Only offered at Walled Lake Northern.*

This semester course develops reading, writing, speaking, listening, and language skills using high-interest novels that address situations and issues that appeal to high school readers. Composition skills are emphasized.

92060 Creative Writing

Grades: 10-12

0.5 credit

Course Note: *In 10th grade this is an elective course which must be taken concurrently with grade level English Course. Taken in 11th grade this course must be taken concurrently with grade level English Course. Taken in 11th or 12th grade this course can satisfy 0.5 of the 4.0 grade level Michigan Merit Curriculum credit requirement. Only offered at Walled Lake Northern and Western.*

This semester course allows proficient student writers (those who already have the basics of grammar and composition in their writing toolboxes) to complete writing projects in the creative genres. Students experiment with a variety of genres, including the essay, short story, and poetry. Students are expected to share their writings with classmates and may be asked to enter at least one writing competition and/or submit one piece of writing for publication. Students are expected to read a variety of literary works to provide inspiration, examples of the author's craft, and knowledge that they can apply in their own writing.

English Language Development (ELD) Department

81020/81021 ESL Intro Language Development

Grades: 9-12

1.0 credit

Course Note: *Teacher Recommendation Required*

This course does not fulfill English graduation requirements.

ESL Intro is designed for students whose formal school has been interrupted, who may be pre- or semi-literate in their native language, and who may need more time to acquire academic background knowledge as they adjust to the school and cultural environment. ESL Intro is a two-course block including Language Development and Reading & Academic Skills. Students will: participate in classroom activities and interact with others in the school and community through basic listening and speaking practice; use comprehensible pronunciation and appropriate conversational responses for interpersonal communication; use basic conventions and formats of written English, including grammatical conventions. Students new to the high school will receive orientation to the use of school offices, school policies & services, and student protocols. Students will learn basic school vocabulary and strategies for navigating in a new school and cultural environment.

81022/81023 ESL Intro Reading and Academic Skills

Grades: 9-12

1.0 credit

Course Note: *Teacher Recommendation Required*

This course does not fulfill English graduation requirements.

ESL Intro is a two-course block designed for students whose formal school has been interrupted, who may be pre- or semi-literate in their native language, and who may need more time to acquire academic background knowledge as they adjust to the school and cultural environment. ESL Intro is a two-course block including Language Development and Reading & Academic Skills. Students will: recognize concepts of print literacy; demonstrate letter/sound recognition, decoding skills in reading and comprehension of learned vocabulary in oral and written forms; acquire survival and high frequency vocabulary; read controlled texts and demonstrate strategies as emergent readers. Students will also have opportunities for extensive, individualized reading practice.

81024/81025 ESL 1 Language Development

Grades: 9-12

1.0 credit

Course Note: *Teacher Recommendation Required*

This course does not fulfill English graduation requirements.

Students will: actively participate in classroom activities, use spoken English and nonverbal communication in socially and culturally appropriate ways; use learned vocabulary in oral and written forms; use comprehensible pronunciation and appropriate conversational responses for interpersonal communication; acquire and apply basic English usage by identifying basic parts of speech and basic sentence structures; begin to show ability to construct meaning through written expression at the sentence and early paragraph level. ESL 1 is a two-course block including Language Development and Reading & Academic Skills.



81026/81027 ESL 1 Reading and Academic Strategies Grades 9-12 1.0 credit

Course Note: *Teacher Recommendation Required*

This course does not meet the English graduation requirement.

Students will: increase comprehension of text by building vocabulary and grammatical awareness to develop concepts; identify main ideas and details in literature and informational text; read controlled texts and demonstrate reading strategies; apply reading strategies in social and academic contexts. Students will be introduced to textbook resources, common testing formats, and learning strategies. Students will also have opportunities for extensive, individualized reading practice. ESL 1 is a two-course block including Language Development and Reading & Academic Skills

92090/92091 ESL 2 Language Development Grades: 9-12 1.0 credit

Course Note: *Teacher Recommendation Required*

Prerequisite: *Demonstrated competency at previous English language proficiency level.*

This course focuses on: the use of English to interact successfully with peers and adults according to audience, purpose, and setting; grammatical conventions of English usage, particularly identification of all parts of speech and the use of verb tense to construct sentences; and controlled writing activities focusing on paragraph development using organizational strategies, including topic sentences and supporting details. Students will learn to focus on themes and ideas as a basis for writing. They will learn to follow the stages of the writing process, from generating ideas to drafting, revising, proofreading, editing, and publishing. ESL 2 is a two-course block including Language Development and Academic Skills & Reading Strategies.

92092/92093 ESL 2 Reading & Academic Strategies Grades: 9-12 1.0 credit

Course Note: *Teacher Recommendation Required*

Prerequisite: *Demonstrated competency at previous English language proficiency level.*

This course focuses on: reading with developing fluency for multiple purposes including literature and informational text; application of reading strategies to texts with controlled reading levels in a variety of fiction and nonfiction genre; mastery of additional high-frequency vocabulary with increased recognition of vocabulary in academic contexts; and development of listening comprehension, note-taking skills, and self-expression for personal and academic purposes. Students will also have opportunities for extensive, individualized reading practice. ESL 2 is a two-course block including Language Development and Academic Skills & Reading Strategies.

92094/92095 ESL 3 Language Development Grades: 9-12 1.0 credit

Course Note: *Teacher Recommendation Required*

Prerequisite: *Demonstrated competency at previous English language proficiency level.*

This course focuses on: grammatical conventions such as integrating verb tenses, clauses, passive voice, and indirect speech; contextualized writing tasks moving from the format of the paragraph to the construction of five-paragraph essays using thesis statements, supporting details, and introductory and concluding paragraphs; and further application of organizing principles in a variety of rhetorical forms of writing such as cause and effect, comparison and contrast, problem and solution, written summaries, and personal expression. Students will use the writing process to integrate grammar, vocabulary, and rhetorical objectives in theme-based academic writing. ESL 3 is a two-course block including Language Development and Academic Skills & Reading Strategies.

92096/92097 ESL 3 Reading & Academic Strategies Grades: 9-12

1.0 credit

Course Note: *Teacher Recommendation Required*

Prerequisite: *Demonstrated competency at previous English language proficiency level.*

This course focuses on: development of additional reading strategies, applied to both literature and informational text, with emphasis on identifying main ideas and supporting details, separating fact from opinion, outlining, predicting, identifying author's purpose, describing characters and themes in modified selections of literature; development of vocabulary in theme-based contexts; listening for main ideas and organizing principles in academic lectures; and strategies for active participation in group projects, discussions, and individual presentations. Students will also have opportunities for extensive, individualized reading practice. ESL 3 is a two-course block including Language Development and Academic Skills & Reading Strategies.

Health & Physical Education Department

95100 Teen Health

Grades: 9-12

0.5 credit

Note: *Public statute allows parents to excuse their student from specific reproductive health units.*

This one semester course is required for graduation. The curriculum includes: total wellness, goal setting, decision making, stress management, suicide awareness and prevention, coping skills, nutrition, substance use and abuse, communication skills, healthy relationships, first AID/CPR/AED, reproductive health, sexually transmitted infections, and HIV/AIDS education.

95060 Intro to Sport & Fitness

Grades: 9-12

0.5 credit

This one semester course will emphasize personal and lifelong fitness as well as the theory and application of a healthy lifestyle. Students will actively participate in a variety of different sports, games, recreation, and fitness activities.

95000/95001 Peak Performance & Conditioning A/B

Grades: 9-12

0.5 credit

This one semester elective course is offered to varsity athletes/inspiring varsity athletes and will cover sport specific training, advanced strength training, and applied advanced weight lifting principles.

***THIS COURSE MAY BE REPEATED FOR CREDIT.**

95010/95011 Aerobics & Conditioning A/B

Grades: 9-12

0.5 credit

This one semester elective course will provide students with a variety of activities that promote cardiovascular fitness, muscular strength, muscular endurance, and flexibility. Such activities may include, but are not limited to: floor and step aerobics, kickboxing, cardio-drumming, jumping rope, body sculpting, power-walking, yoga, Zumba, Pilates, and other total body HIIT workouts.

***THIS COURSE MAY BE REPEATED FOR CREDIT.**

95030/95031 Individual Sports A/B

Grades: 9-12

0.5 credit

This one semester elective course is intended for students who enjoy recreational sports, individual sports, and physical activity in a less competitive atmosphere. Activities in this class may include, but are not limited to: bowling, golf, tennis, badminton, archery, orienteering, table tennis, pickleball, racquetball, disc golf, swimming, and weight training. Facility and equipment availability will determine specific activities that can be covered during the class.

***THIS COURSE MAY BE REPEATED FOR CREDIT.**

95040 Lifeguard Training

Grades: 10-12

0.5 credit

Note: *Students must be 15 years old on or before the final scheduled session of this course, be able to swim 300 yards continuously demonstrating breath control and rhythmic breathing (they can use front crawl, breaststroke or a combination of both but swimming on the back or side is not allowed), can tread water for 2 minutes using only the legs, and be able to retrieve a 10-pound brick from the bottom of the pool using a swimming approach with surface dive.*

This one semester elective course will provide training to students interested in acquiring or updating their American Red Cross Lifeguard Certifications. This course will provide entry-level lifeguard participants with the knowledge and skills to prevent, recognize and respond to aquatic emergencies and to provide care for breathing and cardiac emergencies, injuries and sudden illnesses until emergency medical services (EMS) personnel take over. Students will have the opportunity to earn their American Red Cross Lifeguard Training, First Aid, AED, and CPR Certifications.

***THIS COURSE MAY BE REPEATED FOR CREDIT.**

95050/95051 Weight Training & Conditioning A/B Grades: 9-12 0.5 credit

This one semester elective course will provide students with instruction on proper lifting technique, spotting and other important safety concerns, as well as weight training principles. Daily participation will include total body and core strength training exercises, as well as cardiovascular and muscular endurance activities.

***THIS COURSE MAY BE REPEATED FOR CREDIT.**



95080/95081 Swimming A/B Grades: 9-12 0.5 credit

This one semester elective course will teach students to swim using the elementary backstroke, sidestroke, front crawl, back crawl, breaststroke, and butterfly strokes. Turns, starts, diving, water safety, water sports, and water conditioning activities will also be covered in this course. Students will have the opportunity to earn the American Red Cross Learn-to Swim certification cards.

***THIS COURSE MAY BE REPEATED FOR CREDIT.**

95090/95091 Team Sports A/B Grades: 9-12 0.5 credit

This one semester elective course is designed for students who thrive on structured, competitive play through organized games and tournaments. Activities in this class may include, but are not limited to: floor hockey, flag football, softball, basketball, volleyball, team handball, speedball, soccer, etc. Facility and equipment availability will determine specific activities that can be covered during the class.

***THIS COURSE MAY BE REPEATED FOR CREDIT.**

Mathematics Department

93208/09 Algebra 1A/1B - Intensified

Grades: 9

1.0 credit

Course Note: *This course should be taken concurrently with Algebra Essentials A/B.*

This is taken concurrently with Algebra Essentials 1A/1B and is a college prep course. The course and content builds upon prerequisite skills so that students can be successful with Algebra 1 topics. These topics include integers, rational and real numbers, operations with polynomials to include factoring, linear equations, inequalities, rational equations, roots, radicals, and the quadratic formula. Students will also be graphing polynomial/rational functions. As in Algebra Essentials 1A/1B, this course continues to build a culture of excellence among its students – promoting to establish a culture of collaboration among its students – promoting the values of hard work, self-efficacy and responsibility and fostering a powerful growth mindset about mathematics.

81040/81041 Algebra 1 Essentials A/B

Grades: 9

1.0 credit

Course Note: *Student placement in this course is based on previous year's Math performance and teacher recommendation. If enrollment exceeds course capacity, a selection process will be used to determine placement. This course is offered as an elective credit only and MUST be taken concurrently with Algebra 1A/1B - Intensified.*

These courses are a two-hour block academic program designed to provide students with a strong mathematical foundation and exposure to the power of mathematical thinking and algebraic reasoning. In addition, this course works to establish a culture of excellence among its students – promoting the values of hard work, self-efficacy and responsibility and fostering a powerful growth mindset about mathematics.

93000/93001 Algebra 1A/1B

Grades: 9-11

1.0 credit

This course develops an understanding of mathematical concepts and procedural skills using a variety of instructional activities including collaborative explorations, problem solving, and communication of reasoning. Students build their understanding of the following topics: solving quadratic equations, exploring linear, quadratic, and exponential functions graphically, numerically, symbolically, and as sequences, and by using regression techniques to analyze the fit of models to distributions of data.

93050/93051 Geometry A/B

Grades: 9-12

1.0 credit

Prerequisite: *Algebra 1*

This course develops an understanding of mathematical concepts and procedural skills using a variety of instructional activities including collaborative explorations, problem solving, and communication of reasoning. The course focuses on establishing triangle congruence criteria using rigid motions and formal constructions and building a formal understanding of similarity based on dilations and proportional reasoning. It also helps students develop the concepts of formal proof, explore the properties of two- and three-dimensional objects, work within the rectangular coordinate system to verify geometric relationships and prove basic theorems about circles. Students also use the language of set theory to compute and interpret probabilities for compound events.

93070/93071 Calculus Path Geometry AA/BB

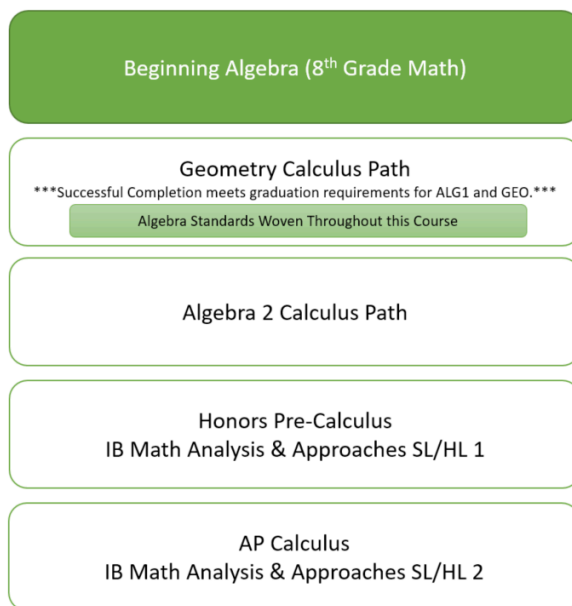
Grades: 9-12

1.0 credit

Prerequisite: *Algebra 1 or 9th graders in the upper 25% of their cohort*

Calculus Path Geometry is designed to allow ninth grade students to accelerate in math and prepare them to take AP Calculus senior year. The course includes all of the content of the current Geometry course (see 93050/51), plus additional content from Algebra. *Upon successful completion of this course, students will have met the Algebra 1 requirement in addition to Geometry.* The next course in the sequence is Calculus Path Algebra 2.

Calculus Path Sequence
2021-2022 and Beyond



93010/93011 Algebra 2A/2B

Grades: 9-12

1.0 credit

Prerequisite: *Algebra 1 and Geometry*

This is a one year course in Algebra 2. This course builds upon the concepts taught in Algebra 1 and Geometry while adding new concepts to the students' repertoire of mathematics. This course develops an understanding of mathematical concepts and procedural skills using a variety of instructional activities including explorations, problem solving, and communication of reasoning. Students build their understanding of the following topics: finding connections between multiple representations of functions, transformations of different function families, finding zeros of polynomials and connecting them to graphs and equations of polynomials, modeling periodic phenomena with trigonometry, and understanding the role of randomness and the normal distribution in making statistical conclusions.

93012/93013 Algebra 2A1/2A2

Grades: 10-12

1.0 credit

Prerequisite: *Algebra 1 and Geometry*

This is the first year of a two year course in Algebra 2. This course builds upon the concepts taught in Algebra 1 and Geometry while adding new concepts to the students' repertoire of mathematics. This course develops an understanding of mathematical concepts and procedural skills using a variety of instructional activities including explorations, problem solving, and communication of reasoning. Students build their understanding of the following topics: linear functions, linear systems, matrices, and quadratic functions.

93014/93015 Algebra 2B1/2B2 Grades: 10-12 1.0 credit

Prerequisite: *Algebra 1, Geometry, Algebra 2A*

This is the second year of a two year course in Algebra 2. This course builds upon the concepts taught in Algebra 1, Geometry, and Algebra 2A while adding new concepts to the students' repertoire of mathematics. This course develops an understanding of mathematical concepts and procedural skills using a variety of instructional activities including explorations, problem solving, and communication of reasoning. Students build their understanding of the following topics: probability, polynomial functions, exponential and logarithmic functions, rational functions, transformations, and sequences and series.

93062/93063 Calculus Path Algebra 2AA/2BB Grades: 9-12 1.0 credit

Prerequisite: *Calculus Path Geometry (recommended), or Geometry and Algebra 1*

Calculus Path Algebra 2 is the second course in the accelerated series that prepares students to take AP Calculus in their senior year. The course includes all of the content of the current Algebra 2 course (see **93010/11**), plus additional topics. The next course in the sequence is Honors Pre-Calculus.

93100/93101 Honors Pre-Calculus AA/BB Grades: 10-11 1.0 credit

Prerequisite: *Algebra 2*

This course provides preparation for AP Calculus. Topics studied include power, polynomial and rational functions, exponential and logarithmic functions, systems and matrices, sequence and series, trigonometric functions and identities, conic sections and parametric equations, polar coordinates and complex numbers, vectors, and limits and derivatives.

93150/93151 Pre-Calculus A/B Grades: 10-12 1.0 credit

Prerequisite: *Algebra 2*

This course provides preparation for college courses in mathematics. Topics studied include power, polynomial and rational functions, exponential and logarithmic functions, systems and matrices, conic sections and parametric equations, trigonometric functions and identities, polar coordinates and complex numbers, sequence and series, and vectors.

93170/93171 PSEO Math AA/BB (Dual Enrollment) Grades: 11-12 1.0 credit

Prerequisite: *AP Calculus or AP Statistics*

Course Note: *Students must have exhausted all math curriculum at the high school. Paperwork must be on file with your counselor before registering for the college course.*

High school students can be considered eligible to take college courses in Michigan public or private degree-granting institutions if they meet state eligibility guidelines. Eligible charges to the district may include tuition, mandatory course or material fees, and registration fees. For more information visit the following link http://www.michigan.gov/mde/0,1607,7-140-6530_40085---.00.html

93138/93139 Statistics Grades: 11-12 1.0 credit

Students will examine statistical processes in-depth throughout this year-long course. This course teaches students how to use four-steps of the statistical process in the context of sports: ask questions, collect data, analyze data, and make conclusions. Major statistical topics studied include: analyzing distributions of data, using graphs and summary statistics, correlation and regression, using simulations to estimate probability, binomial and normal distributions, rules of probability, hypothesis testing and types of errors, confidence intervals, and proper methods of data collection including sampling and experimentation. Although the context of the examples and exercises is sports related, the primary focus of the class is to teach students the basic principles of statistical reasoning.

93034/93035 Integrated Advanced Mathematical Studies A/B **Grades: 10-12** **1.0 credit**

Prerequisite: *Algebra 2*

Course Note: *Offered only at Walled Lake Northern.*

This year-long course focuses on using mathematical concepts as applied to contexts related to other subjects being studied, to real-world occurrences, and topics related to home, work and leisure situations. Topics include: number and algebra, sets, logic and probability, functions, geometry and trigonometry, statistics, introductory differential calculus, and financial mathematics.

82318/82319 IB Maths: Applications & Interpretations SL AA/BB **Grades: 10-12** **1.0 credit**

Prerequisite: *Algebra 2*

Course Note: *Only offered at Walled Lake Western. Completion of a summer homework assignment is required for this class.*

IB Maths: Applications & Interpretations is a college-level course of study presenting a unified approach to the many areas of mathematics. This one-year course emphasizes the applied nature of the subject and is designed for students who wish to understand how mathematics relates to the real world and to other subjects. It will appeal to students who enjoy mathematics in a practical context. Students who take this course will be interested in developing their skills in solving practical problems, harnessing technology and exploring mathematical models. This course is suitable for students who may go on to further study in subjects that utilize mathematics in this way such as social sciences, natural sciences, statistics, business, psychology or design. Topics covered during the course include Algebra, Functions, Trigonometry, Statistics, and Calculus. There is some content that is common with the Analysis and Approaches course but the Applications and Interpretations has greater emphasis on the application of models and statistics. This course fulfills the IB Group 5 requirement. At the completion of this class, the student will have the option of taking the IB Maths: Applications & Interpretations examination for possible college credit.

82324/82325 IB Maths: Analysis & Approaches HL1 AA/BB **Grade: 11** **1.0 credit**

82326/82327 IB Maths: Analysis & Approaches HL2 AA/BB **Grade: 12** **1.0 credit**

82330/82331 IB Maths: Analysis & Approaches SL1 AA/BB **Grade: 11** **1.0 credit**

82332/82333 IB Maths: Analysis & Approaches SL2 AA/BB **Grade: 12** **1.0 credit**

Course Note: *Only offered at Walled Lake Western. Completion of a summer homework assignment is required for this class.*

IB Maths: Analysis & Approaches is a college-level course of study presenting a unified approach to the many areas of mathematics. This two-year course is intended for students who are looking for a strong background in math as preparation for future studies in the sciences, engineering, and economics. Topics covered during the course include Algebra, Functions, Trigonometry, Statistics, and Calculus. Each of these topics has sub-topics with HL students covering some additional sub-topics or the same sub-topics at greater depth. There is some content that is common with the Applications and Interpretations course but the Analysis and Approaches course has a greater emphasis on calculus, numerical and algebraic approaches. Students in this course will develop strong skills in mathematical thinking and become fluent in the construction of mathematical arguments. This course fulfills the IB Group 5 requirement. At the completion of this class, the student will have the option of taking the IB Maths: Analysis & Approaches examination for possible college credit.

93022/93023 AP Statistics AA/BB

Grades: 10-12 1.0 credit

Prerequisite: *Algebra 2*

Course Note: *Completion of a summer homework assignment is required for this class.*

Statistics is the science of collecting, analyzing, and drawing conclusions from data. During the course, we will cover four main topics in preparation for the AP exam: Data Collection and Exploratory Data Analysis (including graphical displays of data, measures of central tendencies of data, bivariate data and frequency tables), Probability (including data distributions), and Statistical Inference (including strategies to test hypotheses and test for significance at various levels of confidence).

93020/93021 AP Calculus AB AA/BB

Grades: 11-12

1.0 credit

Prerequisite: *Pre-Calculus*

Course Note: *Completion of a summer homework assignment is required for this class.*

This course will cover limits and differential calculus of elementary functions, composite functions, trigonometric functions, logarithmic, exponential and implicitly defined derivatives. Integration techniques and applications of derivatives and integrals will also be covered. At the completion of this class, the student will have the option of taking the AP examination in Calculus A/B.

93024/93025 AP Calculus BC AA/BB

Grades: 11-12

1.0 credit

Prerequisite: *Pre-Calculus or Honors Pre-Calculus (highly recommended)*

Course Note: *Completion of a summer homework assignment is required for this class.*

This course will cover limits and differential calculus of elementary functions, composite functions, trigonometric functions, parametric, vector and polar functions, logarithmic, exponential and implicitly define derivatives. Polynomial approximations and series, integration techniques and applications of derivatives and integrals will also be covered. At the completion of this class, the student will have the option of taking the AP examination in Calculus B/C.





THE PATH TO CALCULUS

PARENT INFORMATION



THE PATH TO AP OR IB CALCULUS

As a result of changes to the state of Michigan mathematics standards in Kindergarten through grade eight, each grade-level possesses unique and pivotal content. The ideas in each grade-level course build on each other without overlap. Because a solid foundation in mathematics is essential to long-term success, skipping entire math courses is no longer a viable option for most students.

In order to take college-level Calculus in high school, students must begin Pre-Calculus no later than their junior year.

To allow for this opportunity, we offer a sequence of courses that incorporates Algebra 1 content in 8th, 9th, and 10th grade courses.

This sequence of courses is the Calculus Path and is shown in the chart below.

To enter this path, students must be successful throughout middle school and in particular in Beginning Algebra—the 8th grade math course.

THE PATHWAY

GRADE	TRADITIONAL SECONDARY MATH COURSES	CALCULUS Path Math Courses
8	Beginning Algebra (8th Grade Math)	Beginning Algebra (8th Grade Math)
9	Algebra 1	Calculus Path Geometry
10	Geometry	Calculus Path Algebra 2
11	Algebra 2	Honors PreCalculus OR IB Math SL/HL 1
12	AP Statistics Pre-Calculus Statistics Math Studies B Math Math Related Courses	AP Calculus OR IB Math SL/HL 2



ADDITIONAL INFORMATION

Please see the video linked in the QR code

Contact Your Child's 8th Grade Teacher OR
Walled Lake Mathematics Coordinator, Ellen McDonald
ellenmcdonald@wlcisd.org

FREQUENTLY ASKED QUESTIONS

Non-discrimination Policy

In compliance with Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, and the Americans with Disability Act of 1990, it is the policy of the Walled Lake Consolidated School District that no person shall, on the basis of race, color, religion, national origin or ancestry, sex, age, disability, height, weight, political belief, military service or marital status be excluded from participation in, be denied the benefits of, or be subjected to discrimination during any program or activity or in employment. For more information contact the District Compliance Officer, at 248.996.2023.

HOW DOES MY STUDENT ENTER AND QUALIFY FOR THE CALCULUS PATH?

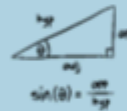
Strong student performance on multiple measures of 8th grade content will be used to determine eligibility. These measurements include the State of Michigan Math Assessment, i-Ready online diagnostic, end of course exam, and other standardized assessments.

WHAT CAN I DO TO SUPPORT MY STUDENT TO PREPARE FOR THIS OPPORTUNITY?

Students should develop good patterns for success in the middle school math courses. This includes productive and thoughtful involvement in classroom activities and thorough preparation for classroom assessments.



IF MY STUDENT ENTERS THE CALCULUS PATH, ARE THEY SKIPPING ALGEBRA 1?



The content of Algebra 1 will be incorporated into three courses, Beginning Algebra (8th Grade Math), Calculus Path Geometry, and reviewed in Calculus Path Algebra 2.

MUST MY STUDENT CHOSE THE PATH IF QUALIFIED?

The Calculus Path is an option for qualified math students who are interested in taking college Calculus in high school. To do so, students must take more demanding math courses. Qualifying does not require enrollment.



WHEN WILL I FIND OUT IF MY STUDENT IS TAKING THE CALCULUS PATH?

Students will be notified near the completion of Beginning Algebra (8th Grade Math) in early June.



HOW CAN MY STUDENT ENTER THE CALCULUS PATH IS THEY DO NOT MEET THE CRITERIA IN 8TH GRADE?

Students who successfully complete the Summer School Math module are also eligible. Other avenues are also available to complete prerequisite courses.



Miscellaneous Department

82800	<u>Theory of Knowledge 1</u>	Grades: 11-12	0.5 credit
82801	<u>Theory of Knowledge 2</u>	Grades: 11-12	0.5 credit

Prerequisite: *Theory of Knowledge 1: none*

Theory of Knowledge 2: Theory of Knowledge 1 strongly recommended.

Course Note: *Only offered at Walled Lake Western.*

Open to all students, the Theory of Knowledge (TOK) course is central to the educational philosophy of the International Baccalaureate. It challenges students to reflect on diverse ways of knowing and areas of knowledge, and to consider the role which knowledge plays in a global society. It encourages students to become aware of themselves as thinkers, to become aware of the complexity of knowledge, and to recognize the need to act responsibly in an increasingly interconnected world. For example, having participated in the TOK course, students should be able to do such things as critically analyze knowledge claims and make effective comparisons between different approaches to knowledge issues in a variety of situations. This course is open to all students and is a requirement for Diploma Candidates.

81140/81141	<u>Yearbook A/B</u>	Grades: 9-12	1.0 credit
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Course Note: *If enrollment exceeds capacity a selection process will be used to determine placement.*

Students must have a completed application on file.

Students begin the year working with budget planning and advertising sales in order to fund their work. Students learn interviewing, feature writing, caption writing, and publication related law. They also learn the basics of layout/design and digital photography. These skills are developed throughout the year as students learn and use different computer programs to produce the book. Students will participate in advertisement sales. Students' writing and design will be evaluated and revised by editorial staff and the advisor. The yearbook staff works closely with businesses, photography studios and a publishing company. Students can expect to work before or after school and some weekends in order to meet deadlines. ***Yearbook can be counted as a Visual, Performing, Applied Arts (VPAA) credit to meet a student's Michigan Merit Curriculum requirements***

***THIS COURSE MAY BE REPEATED FOR CREDIT.**

81120/81121	<u>Student Leadership A/B</u>	Grades: 11-12	1.0 credit
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Course Note: *Special Circumstance: Teacher Recommendation*

A course in leadership designed to assist students in becoming effective leaders within the school community and beyond. Students will be encouraged to take charge of social activities for the school community and initiate community service projects benefiting people outside of the school community. Students will also be encouraged to take part in leadership activities sponsored by local, state and national leadership organizations. **This class may be repeated for credit.**

81104/81105	<u>PALS A/B</u>	Grades: 11-12	1.0 credit
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Course Note: *Application and teacher recommendation needed*

The Peer As Leaders (PALS) program is a general education course where students engage in a student-to-student mentoring model as part of the learning course requirement. The PALS are partnered with a Student Needing A Pal (SNAP). In this class they will learn to assist their SNAP in learning: understand human behavior and individual differences, effectively use problem solving skills, enhance communication skills, develop professional ethics, develop research skills, acquire and understanding and acceptance of and advocacy for diversity, and increase skills in collaborative team member and mentoring. **THIS COURSE MAY BE REPEATED FOR CREDIT.**

81500/81501 FLEX AM A/B

Grades: 9-12

1.0 credit

Course Note: *Students doing FLEX courses do most of their work off campus, but they will be required to come to school for at least some of the online tests. Students can only register for a maximum of 2 courses a semester through FLEX scheduling**. Transportation will not be provided.*

A student may enroll in four (4) classes during the regular day and take two (2) of his/her classes outside the school day. A student must enroll in Edgenuity as the online provider or have building principal approval for other programs. Coursework must be done away from school and students must leave the school campus during this time. All courses must be completed during the regular school semester time lines and final exams will be completed at school, if applicable. For more information on Edgenuity course descriptions, visit <https://www.imaginelearning.com/> ****Currently, the NCAA Clearinghouse does not recognize Edgenuity/ FLEX courses for athletic eligibility. Please visit the NCAA Clearinghouse website for more information.**

81504/81505 FLEX PM A/B

Grades: 9-12

1.0 credit

Course Note: *Students doing FLEX courses do most of their work off campus, but they will be required to come to school for at least some of the online tests. Students can only register for a maximum of 2 courses a semester through FLEX scheduling**. Transportation will not be provided.*

A student may enroll in four (4) classes during the regular day and take two (2) of his/her classes outside the school day. A student must enroll in Edgenuity as the online provider or have building principal approval for other programs. Coursework must be done away from school and students must leave the school campus during this time. All courses must be completed during the regular school semester timelines and final exams will be completed at school, if applicable. For more information on Edgenuity course descriptions, visit <https://www.imaginelearning.com/> ****Currently, the NCAA Clearinghouse does not recognize Edgenuity/ FLEX courses for athletic eligibility. Please visit the NCAA Clearinghouse website for more information.**

Science Department

96080/96081 Biology A/B

Grades: 9-12

1.0 credit

Biology is the study of life. Through investigation and classroom discussion students will develop an understanding of the following topics: evolution, homeostasis, energy and matter, inheritance, and ecology.

96100/96101 Honors Biology AA/BB

Grades: 9-10

1.0 credit

The course includes all of the content of the Biology A/B course, at a greater depth and includes additional topics. Through investigation and classroom discussion students will develop an understanding of the following topics: evolution, homeostasis, energy and matter, inheritance, and ecology. This course is designed for students with an above average interest in science and stronger reading skills.

96090/96091 Chemistry A/B

Grades: 10-12

1.0 credit

Prerequisite: *Biology & Algebra 1*

This course is a general study of the chemical and physical properties of matter. Coursework and laboratory exercises will develop an understanding of the following topics: atomic structure, the periodic table, chemical bonding, chemical reactions, acids and bases, stoichiometry, oxidation and reduction reactions, nuclear chemistry, states of matter, and the gas laws and chemical kinetics.

96110/96111 Honors Chemistry AA/BB

Grades: 10-11

1.0 credit

Prerequisite: *Biology & Algebra 1*

Course Note: *Strong math skills required.*

Honors chemistry is an accelerated college preparatory course designed for students with a strong interest in science. Chemistry focuses on the physical and chemical properties of matter. Coursework and laboratory exercises will develop an understanding of the following topics: atomic structure, periodic table, chemical bonding, chemical reactions, acids and bases, water solutions, stoichiometry, oxidation and reduction reactions, nuclear chemistry, states of matter, and the gas laws and chemical kinetics. Mathematical and abstract reasoning is used throughout the course. The greater depth of coverage, the accelerated pace of the course and the more rigorous application of mathematical reasoning differentiates this course from Chemistry.

96160/96161 Physics A/B

Grades: 10-12

1.0 credit

Prerequisite: *Algebra 1 & Biology*

Physics is the study of the interaction between matter and energy. The course of study will develop an understanding of the following topics: accelerated motion, forces, work, power, mechanical energy, heat, electricity and magnetism, sound, and light. Topics are developed conceptually through laboratory investigations and classroom demonstrations. Mathematical reasoning is used in the application of physics principles. An increased awareness and understanding of the physics encountered in everyday life will be an outcome of this course.

96130/96131 Honors Physics AA/BB

Grades: 10-12

1.0 credit

Prerequisite: *Geometry & Biology*

Course Note: *Strong math skills required. Offered only at Walled Lake Western and Walled Lake Central.*

Physics AA/BB is an in-depth study of the interaction between matter and energy designed for students with above average interest in science. The course of study will develop an understanding of the following topics: accelerated motion, forces, work, power, mechanical energy, heat, electricity, magnetism, sound, and light. Topics are developed conceptually through laboratory investigations and classroom demonstrations. Mathematical reasoning is extensively employed throughout the course. The greater depth of coverage, the accelerated pace of the course, and the more rigorous application of mathematical reasoning differentiates Physics AA/BB from Physics A/B.

96050/96051 Earth Science A/B

Grades: 10-12

1.0 credit

Prerequisite: *Biology*

Course Note: *All 10th graders MUST have counselor approval to enroll in this course.*

Earth Science is a study of Earth systems and the universe. Earth Science surveys topics in Earth's formation, water, crustal movements, the atmosphere, and the Earth in space. The skills of data collection, graphing, and interpretation are developed.



96000 Anatomy

Grades: 11-12

0.5 credit

Prerequisite: *Biology*

Anatomy is designed for students with a desire to learn more about science and the human body. Studies will include dissections and in-depth examinations of body structures (anatomy) and their functions. Comparisons will be made with related animal specimens. Topics include an overview of the human body followed by in-depth examination of organ systems: skeletal, muscular, cardiovascular, lymphatic, immune, digestive, respiratory, excretory, and nervous. Emphasis will be placed on relating information to real-world applications in health, diseases, physical activity, sports, and related health/medical careers.

96001/96002 Anatomy & Physiology A/B **Grades: 11-12** **1.0 credit**

Prerequisite: *Biology*

Course Note: *Only offered at Walled Lake Central and Walled Lake Northern*

Anatomy and Physiology is a course designed for students with a desire to learn more about science and the human body. Studies will include a systematic examination of body structures (anatomy) and their functions (physiology). Comparisons will be made with related animal specimens. Topics include an overview of the human body, biochemistry, and cellular biology. Systems of study include skeletal, muscular, nervous, special senses, blood, cardiovascular, respiratory, integumentary, endocrine, lymphatic, digestive, excretory, and immune.

96003 Astronomy **Grades: 11-12** **0.5 credit**

Prerequisite: *Biology & either Chemistry or Physics*

Astronomy is a class that investigates the universe. This class is divided into four sections: space exploration, the solar system, stars and galaxies, and the unique features of our universe. Topics include: dark matter, black holes and white holes, wormholes, types of galaxies, the life cycle of stars, the death of our sun, the Big Bang and the fate of the universe, the solar system, space exploration and the search for life in the universe.

96060/96061 Environmental Science A/B **Grades: 10-12** **1.0 credit**

Prerequisite: *Biology*

Course Note: *Students must be prepared to go outside to conduct field ecology investigations.*

This course is designed to introduce students to Environmental Science. Students will learn about the Earth's living and nonliving components, how humans and other species interact, and the environmental issues that challenge sustainability for all species on Earth. Emphasis will be placed on developing an understanding of how ecologists acquire knowledge and on building student "ecological literacy". This is an excellent course for students interested in science and the environment. This course prepares students for further science studies and/or Advanced Placement Environmental Science.

96070 Forensic Science 1 **Grades: 11-12** **0.5 credit**

Prerequisite: *Biology & either Chemistry or Physics*

This course uses science for real-world problem-solving. Students will learn how to apply knowledge from various areas of science such as biology, earth science, physics, and chemistry to solve a variety of real-world problems and mysteries. The course develops scientific reasoning and inquiry skills. Students taking this course should have a strong interest in science and problem-solving.

96071 Forensic Science 2 **Grades: 11-12** **0.5 credit**

Prerequisite: *Forensic Science 1*

Course Note: *Only offered at Walled Lake Northern and Walled Lake Central*

This course uses science for real-world problem-solving. Students will learn how to apply knowledge from various areas of science such as biology, physics, math and chemistry to solve a variety of real-world problems and mysteries. The course develops scientific reasoning and inquiry skills; and covers topics studied in Forensics 1 in greater depth, with the addition of several new topics. Students taking this course should have a strong background in science and math.

96172 Oceanography **Grades: 11-12** **0.5 credit**

Prerequisite: *Biology & either Chemistry or Physics*

Course Note: *Only offered at Walled Lake Western and Walled Lake Northern*

Oceanography is a course that investigates our ocean environment. This course is divided into two general categories: the physical ocean and the diversity of life in the ocean. Topics include: coral reefs, animals of the marine environment, tides, tsunamis, ocean circulation, underwater mountains and volcanoes, ocean resources, beaches and shorelines, and life at the bottom of oceans.

96062/63 Ornithology A/B **Grades: 11-12** **1.0 credit**

Prerequisite: *Biology & either Chemistry or Physics*

Course Note: *Only offered at Walled Lake Northern*

Ornithology is a class designed to gather avian data locally and use evidence to understand some of science's most fundamental phenomena; namely Evolution and Ecology. Topics include: Avian Migration, Evolution, Anatomy, Ecology, Reproduction, and Conservation. Using these core concepts the students will engage in active citizen science projects, gathering data in order to propose data driven solutions to local problems birds face.

96010/96011 AP Biology AA/BB **Grades: 11-12** **1.0 credit**

Prerequisite: *Biology and [Chemistry (Chemistry recommended) OR Physics]*

Course Note: *Completion of a summer homework assignment is required for this class.*

This is a college-level biology course that involves a review and extension of the principles studied in Biology. Topics include cell biology, biochemistry, genetics (extensions of Mendelian genetics as well as molecular genetics), evolution, plant anatomy and physiology, and vertebrate anatomy and physiology. A chemistry foundation is preferred. This course prepares students for an optional Advanced Placement exam.

82610/82611 IB Biology SL AA/BB **Grades: 11-12** **1.0 credit**

Prerequisite: *Biology and Chemistry (Chemistry recommended) or Physics*

82620/82621 IB Biology HL 1 AA/BB **Grades: 11-12** **1.0 credit**

Prerequisite: *Biology and Chemistry (chemistry recommended) or Physics*

82622/82623 IB Biology HL 2 AA/BB **Grade: 12** **1.0 credit**

Prerequisite: *IB Biology HL 1 or IB Biology SL or AP Biology*

Course Note: *Only offered at Walled Lake Western.*

IB Biology is a college-level biology course that explores the relationship of structure and function at all levels of complexity (from cells to organisms). Students will learn about cell biology, biochemistry, molecular and Mendelian genetics, plant anatomy, and physiology among many other topics to further their understanding of and learning about biology. Students opting to investigate these topics at a deeper level should enroll in the two-year Higher Level course. IB Biology students will become aware of how scientists work and communicate with each other. Further, students will enjoy multiple opportunities for scientific study and creative inquiry within a global context. The course will include many labs and activities, including an interdisciplinary Group 4 Project. This course fulfills the IB Group 4 requirement. This course prepares students for the optional IB Biology examination, as well as the AP Biology exam for SL students, for possible college credit.

96030/96031 **AP Environmental Science AA/BB** **Grades: 11-12** **1.0 credit**

Prerequisite: *Biology and (Chemistry OR Physics)*

Course Note: *Completion of a summer homework assignment is required for this class.*

AP Environmental Science is a college-level science course. It is an interdisciplinary course that provides students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world. Topics include scientific analysis; earth systems; human population dynamics; renewable and nonrenewable resources; environmental quality; global changes and their consequences; environment and society; and choices for the future. Students must be prepared to participate in outdoor field activities. This course prepares students for an optional Advanced Placement exam.

82600/82601 **IB Environmental Systems & Societies SL AA/BB** **Grades: 11-12** **1.0 credit**

Prerequisite: *Biology and Chemistry or Physics*

Course Note: *Only offered at Walled Lake Western.*

IB Environmental Systems & Societies is a college-level science course. This one-year interdisciplinary science course is unique in that it contains various sciences, coupled with a societal viewpoint, all intertwined to help students understand the environment and its sustainability. The purpose of this course is to expose students to the interrelationships of the environment and society and the nature of their interactions, so that they can make an informed personal response to a wide range of pressing global issues. The course requires field experiences which will further extend the interrelationships between the environment and societies. This course fulfills the IB Group 3 and 4 requirement. This course prepares students for the optional IB Environmental Systems & Societies examination, as well as the AP Environmental Science exam, for possible college credit.

96020/96021 **AP Chemistry AA/BB** **Grades: 11-12** **1.0 credit**

Prerequisite: *Chemistry & Algebra 2*

Course Note: *Strong math skills required. Completion of a summer homework assignment is required for this class.*

AP Chemistry is a review and in-depth extension of the principles studied in chemistry. The course curriculum and lab work is equivalent to college-level Inorganic Chemistry. Areas of study include: stoichiometry, quantum theory and atomic structure, ionic and covalent bonding, reaction rates, equilibrium with respect to acid-based reactions, solubility and complex-ion reactions, thermodynamics, and electrochemistry. Experimental techniques and mathematical reasoning are further developed. This is an excellent course for college bound students who plan to pursue science related fields. This course prepares students for an optional Advanced Placement exam.

82630/82631 **IB Chemistry SL 1AA/1BB** **Grades: 11-12** **1.0 credit**

Prerequisite: *Chemistry & Algebra 2*

Course Note: *Only offered at Walled Lake Western.*

IB Chemistry is a college-level course that explores the relationship of structure and function at all levels of complexity (from atoms to compounds). Students learn the chemical principles that underpin both the physical environment and biological systems through the study of quantitative chemistry, periodicity, kinetics and other subjects. The chemistry course covers the essential principles of the subject and, through teacher-selected options, allows students to explore various chemistry aspects in greater depth. Throughout this course, students become aware of how scientists work and communicate with each other. Further, students enjoy multiple opportunities for scientific study and creative inquiry within a global context. The course will include many labs and activities, including an interdisciplinary Group 4 Project. This course fulfills the IB Group 4 requirement. This course prepares students for the optional IB Chemistry examination, as well as the AP Chemistry exam, for possible college credit.

96044/45 AP Physics 1 AA/BB Grades: 10-12 1.0 credit

Prerequisite: *Biology & Strong Math Skills Required*

Course Note: *Offered at Walled Lake Northern and Walled Lake Central only. Completion of a summer homework assignment is required for this class.*

AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics; work, energy, and power; mechanical waves and sound; and introductory simple circuits. Through inquiry-based learning, students will develop scientific and critical thinking and reasoning skills. This course prepares students for an optional Advanced Placement exam for AP Physics 1.

96046/96047 AP Physics 2 AA/BB Grades: 11-12 1.0 credit

Prerequisite: *Algebra 2 & Biology*

Course Note: *Offered at Walled Lake Northern Only. Completion of a summer homework assignment is required for this class.*

AP Physics 2 is an algebra-based, introductory college-level physics course that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific and critical thinking and reasoning skills. This course prepares students for an optional Advanced Placement exam for AP Physics 2.

96042/96043 AP Physics C AA/BB Grades: 11-12 1.0 credit

Prerequisite: *Pre-Calculus & Biology*

Course Note: *Offered at Walled Lake Western and Central. Completion of a summer homework assignment is required for this class.*

This course is a continuation of Honors Physics, intended to reflect a calculus-based first year college-level course. This course is a review and in-depth extension of the topics studied in Honors Physics. Development of problem solving skills and theoretical reasoning are further developed into this course. Students successful in this course will be well prepared for the Advanced Placement exam.

82640/82641 IB Physics SL AA/BB Grades: 11-12 1.0 credit

Course Note: *Offered at Walled Lake Western only.*

IB Physics is a college-level course that allows students to explore this most fundamental experimental science, which seeks to explain the universe itself—from the very smallest particles to the vast distances between galaxies. Students develop traditional practical skills and techniques and increase facility in the use of mathematics, the language of physics. Topics covered are similar to those in Honors Physics but at a deeper level. IB Physics students enjoy multiple opportunities for scientific study and creative inquiry within a global context. The course includes many labs and activities, including an interdisciplinary Group 4 Project. This course fulfills the IB Group 4 requirement. This course prepares students for the optional IB Physics examination for possible college credit.

Social Studies Department

97060 Civics

Grade: 11-12

0.5 credit

This course meets the State of Michigan's .5 credit graduation requirement. Designed to introduce the basic functions of government, emphasis is placed on the U.S. federal government. The responsibilities of state, county, and local governments are studied, as well. The course is designed to promote responsible citizenship, stimulate interest in current events, encourage participation in government, promote understanding of the rights of individuals, and critically evaluate political ideologies. Students are required to acquire civic knowledge, analyze information, and write/speak persuasively. In the context of civics topics and issues, students develop content-specific literacy skills.

97040/97041 AP U.S. Government AA/BB

Grades: 11-12

1.0 credit

Course Note: *Completion of a summer homework assignment may be required.*

This two-semester course meets the State of Michigan's .5 credit graduation requirement for Civics. Both semesters must be taken to meet graduation requirements. This is an introductory college course which examines and critiques the entire American political process. This class investigates both the broad concepts of American politics as well as specific case studies. Students identify and explain the key institutions, groups, and ideologies that constitute the American political system. Further, students evaluate the role of the national government and its relationship to the concept of liberty in a pluralistic society. Discussions emphasize the changing political culture of American society and its effect on voting patterns, trends and the processes of government. Research includes critical elections in American History, recent political movements, the workings of Congress, landmark court decisions, and the functions of the executive office. At the end of the course, students have the option of taking the national Advanced Placement United States Government and Politics examination for possible college credit. **Requests to take this course, by tenth grade students, will be reviewed on an individual basis.**

97090 Economics

Grade: 11-12

0.5 credit

This semester course meets the State of Michigan's .5 credit graduation requirement for Economics and addresses microeconomic and macroeconomic concepts including: supply and demand, American and international trade and agreements, national debt/deficit, interest rates, outsourcing, unemployment, economic indicators, the North American Free Trade Agreement, the production and consumption of goods and services, the effects of a variable money supply on the economy, and economic systems. Financial literacy topics are also addressed. In the context of economics-related topics and issues, students develop content-specific literacy skills.

97056/97057 AP Microeconomics A/B

Grades: 11-12

1.0 credit

This two semester course meets the State of Michigan's .5 credit graduation requirement for Economics. This course is designed to provide students with a learning experience similar to that obtained in a typical introductory college microeconomics course through an in-depth study of the principles of economics as they relate to the functions of individual decision-makers within the larger economic system. It emphasizes the nature and functions of product markets, factor markets, and the role of government in promoting greater efficiency and equity in the economy. At the end of the course, students have the option of taking the national Advanced Placement Microeconomics examination for possible college credit.

97200/97201 U. S. History A/B

Grades: 10-12

1.0 credit

This two-semester course meets the State of Michigan's 1.0 credit graduation requirement. It begins in the last quarter of the 19th Century and helps students deepen their understanding of how world events affect the contemporary United States. Topics include: European Immigration, Industrialism, Imperialism, Roaring 20s, Great Depression, WWII, Cold War, Growth of Suburbia, Civil Rights, Vietnam War, Watergate, Reaganomics, Clinton presidency, and wars in the Middle East. Throughout the course, students are expected to recall facts, analyze data, and construct argumentative essays on public policy issues. In the context of United States history and geography topics and issues, students develop content-specific literacy skills.

97050/97051 AP U.S. History AA/BB

Grades: 10-12

1.0 credit

Course Note: *Completion of a summer homework assignment required.*

This two semester course meets the State of Michigan's 1.0 credit graduation requirement. It may be taken by sophomores to meet the state requirement, or taken in grades 11 or 12 as an elective. The Advanced Placement curriculum in United States History provides students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials related to United States history. This course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those found in full year introductory college courses. Students learn to assess historical materials, judge their relevance to a given interpretive problem, assess their reliability and importance, and weigh the evidence and interpretations presented in historical scholarship. Consequently, the course seeks to develop the skills necessary to arrive at conclusions on the basis of informed judgments and requires students to present reasons and evidence clearly and persuasively in essay format. At the end of the course, students have the option of taking the national Advanced Placement U. S. History examination for possible college credit.



97220/97221 World History A/B

Grades: 9 -12

1.0 credit

This two semester course meets the State of Michigan's 1.0 credit graduation requirement and introduces students to the study of world history in order to construct a common memory of where humankind has been and how history impacts present circumstances. Building upon foundations from middle school, the course begins with a period of expanding and intensified hemispheric interactions (circa 300 C.E.) and continues to the present. Within each historical era, students work at three interconnected spatial scales and study world history through several lenses: global, interregional, and regional. Using a global and comparative approach, students examine world events, processes, and interactions among the world's peoples, cultures, societies, and environments. Interregional and regional scales provide students the opportunity for deep investigation of global trends. In the context of world history and geography topics and issues, students develop content-specific literacy skills.

97052/97053 AP World History AA/BB

Grades: 9-12

1.0 credit

Course Note: *Completion of a summer homework assignment is required.*

This course meets the State of Michigan's 1.0 credit graduation requirement and focuses on the developments of humanity, beginning at approximately 600 B.C.E., and ending in the present. Students develop a greater understanding of the evolution of global processes and contacts in interaction with different types of human societies. The course highlights the nature of changes in international frameworks, their causes and consequences, and comparisons between major societies. The course also builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. At the end of the course, students have the option of taking the national Advanced Placement World History examination for possible college credit.

82724/82725 IB Global Politics SL AA/BB

Grade: 11-12

1.0 credit

82726/82727 IB Global Politics HL 1 AA/BB

Grade: 11-12

1.0 credit

82726/82727 IB Global Politics Studies HL 2 AA/BB

Grade: 11-12

1.0 credit

Course Note: *Only offered at Walled Lake Western.*

This college-level course meets the State of Michigan's 1.0 credit graduation requirement. The study of global politics enables students to critically engage with different perspectives and approaches to world history and international politics in order to better make sense of their changing world and roles in it as active citizens. Global politics draws on a variety of disciplines in the social sciences (e.g., History, Political Science, Sociology, and Economics) and the humanities, reflecting the complex nature of many contemporary political issues. IB Global Politics students study four core areas: 1) Power, Sovereignty and International Relations, 2) Human Rights, 3) Development, and 4) Peace and Conflict. Additionally, HL Students explore six political challenges during a second year of study: The Environment and Sustainability, Poverty, Health and Disease, Culture and Identity, Migration, and International Security. Both SL and HL students may use Model United Nations as an engagement activity for their Internal Assessment. This course fulfills the IB Group 3 Requirement. At the end of the course, students have the option of taking the international IB Global Politics examination for possible college credit.



Social Studies Electives

97010 America at War

Grades: 11-12

0.5 credit

Course Note: Ability to access online materials strongly suggested.

Only offered at Walled Lake Northern.

Closely aligned with the *Michigan Grade Level Content Expectations for Social Studies* and the *Michigan High School Content Expectations for U. S. History and Geography*, this semester course focuses on five questions: *How has world geography led to war? How have economic resources led to war? How has politics led to war? How have cultural differences led to war? What is the role of leadership in war?* Using these questions as a framework, students explore U. S. involvement in the wars of the 20th century. Students compare/contrast and explore themes that run through conflicts and develop a thesis about the causes of war. Based on their studies, students propose ways to reduce the conflicts that lead to war and develop content-specific literacy skills (including digital literacy skills).

97240 Big History

Grades 9-12

0.5 credit

Course Note: Only offered at Walled Lake Northern.

"Big History" is a rigorous study of the past as a whole—not just human societies. The course is centered around eight large-scale and thematic aspects of the natural and social sciences and the humanities. It includes the study of Earth and the universe and tries to understand how human beings are connected to their environments and the billions of years of historical evolution that preceded human appearance on the planet. Beginning with the Big Bang cosmology, and continuing all the way through to the future, Big History is an attempt to put everything into perspective and was originally the result of a joint venture with the University of Michigan and the Bill and Melinda Gates Foundation.

97061 Civil War

Grades: 10-12

0.5 credit

Course Note: Ability to access online materials strongly suggested.

Only offered at Walled Lake Northern.

This semester course explores the Civil War by focusing on five questions tied to Michigan's Social Studies Content Expectations: *How did geography lead to war?; How did economics lead to war?; How did politics lead to war?; How did cultural differences lead to war?; and What role did leadership play in the war?* With a significant use of technology, students develop a thesis about the causes of the Civil War and make connections to today's world as they explore the timeless themes of the war. Students develop content-specific literacy skills (including digital literacy skills) as they study topics and issues related to the Civil War.

97130 International Relations

Grades: 10-12

0.5 credit

In this semester course, students examine conflicts, challenges, trade and ethics as they apply to the 21st century world. Students examine the backgrounds of different regions in an attempt to explain why the world is the way that it is. This course is structured around current events as appropriate. As students study international relations, they develop content-specific literacy skills. Due to the flexible nature of the course, students use a variety of resources (e.g., newspapers, Internet sources, etc.) in lieu of a textbook. Research, debates, and projects are examples of assessments used to measure student progress.

97006 African American History

Grades: 10-12

0.5 credit

This semester course examines the political, social, economic, and cultural systems of the United States through the lens of African American history. Students explore selected events, conflicts, and leaders that have impacted the history of our country. Students improve their content area literacy skills in the context of historical issues and topics.

97150 Practical Law **Grades: 10-12** **0.5 credit**

This semester course provides practical information and problem solving opportunities that develop the knowledge and skills necessary for an understanding of our legal system. Students are introduced to the law and legal system, including the roles of citizens, legislators, attorneys, and judges. In addition, students learn about criminal law and torts. The criminal justice process is covered. from investigation through conviction and sentencing. A variety of community resources are used (e.g., speakers, etc.). As students study the legal system, they also develop content-specific literacy skills in the context of law-related topics and issues.

97170 Psychology 1 **Grades: 10-12** **0.5 credit**

This semester course introduces students to the social science of human behavior. Students engage in readings, discussions, film, and experiments to better understand the basic principles of psychology. Topics covered in this course include: the brain & behavior, sensation & perception, consciousness, learning, memory, and intelligence. As students study psychology, they develop content-specific literacy skills.

97171 Psychology 2 **Grades: 10-12** **0.5 credit**

This semester course is designed to build on the knowledge acquired in Psychology I and emphasizes the study of developmental psychology, motivation & emotion, personality theory, psychological disorders, and therapy. As students study these concepts, they develop content-specific literacy skills.

97174/97175 Sports Psychology & Performance **Grades: 9-12** **1.0 credit**

Course Note: Offered at Walled Lake Central only.

This course is a hybrid/split curriculum in the classroom and in the weight room. The classroom curriculum focuses on specific concepts in psychology that relate to athletics and include, but are not limited to, understanding people, stress, mental toughness, confidence, motivation, emotion, and character. The performance component of the course (weight room) hinges around the Olympic lifts (Power Clean, Bench, Dead Lift, etc.), plyometric training, and building explosive power.

97030/97031 AP Psychology AA/BB **Grades: 11-12** **1.0 credit**

Course Note: Completion of a summer homework assignment may be required.

The purpose of the AP Psychology course is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. An AP course in psychology need not follow any specific college curriculum. Instead, the aim is to provide a learning experience equivalent to that obtained in most introductory college psychology courses. At the end of the course, students have the option of taking the national Advanced Placement Psychology examination for possible college credit.

82700/82701 IB Psychology SL AA/BB

Grades: 11-12

1.0 credit

Course Note: *Completion of a summer homework assignment may be required.*

Only offered at Walled Lake Western.

IB Psychology is a college-level course often taught in conjunction with AP Psychology and focuses on the systematic study of human behavior along with the mental and experiential factors that influence behavior. The IB Psychology SL and the AP Psychology student will examine the interaction of biological, cognitive and sociocultural influences on human behavior over the course of one year. Students will focus on the skills of critical thinking and the methods of investigation that are the hallmarks of psychology. Students will also complete a simple experimental study of their choosing. As a result of taking this course, students will gain a better understanding of themselves and a greater appreciation of diverse human behavior by learning how psychological knowledge is obtained, transformed and applied. This course fulfills the IB Group 3 requirement. At the end of the course, students have the option of taking the international IB Psychology examination, as well as the national Advanced Placement Psychology examination, for possible college credit.

97180 Sociology

Grades: 10-12

0.5 credit

This semester course introduces students to the study of society and human social behavior. The concepts of society, culture, subculture, status, roles, norms, values, conformity, deviance, social groups, and social class are introduced. Students study sociological methodology, social structure, social interaction, and contemporary social problems. Students participate in readings, short essay writing, classroom discussions, small group activities, film content analysis, and a public opinion survey as they develop content-specific literacy skills.

97070 Contemporary Social Problems (Sociology 2)

Grades: 10-12

0.5 credit

Prerequisite: *Sociology*

This semester course builds on knowledge acquired in *Sociology*. The course requires students to apply the theoretical and conceptual knowledge gained in *Sociology* to a thorough, in-depth examination of contemporary social problems. Topics of study may include, but are not limited to: crime, poverty, alcoholism, spousal abuse, drug addiction, teenage pregnancy, school violence, campus rape, cigarette smoking, child abuse, gangs, prejudice and discrimination, hate crimes, families in crisis, cults, treatment of the mentally ill, implications for the "graying of America," failures of mass media, and the future of public education. Students develop content-specific literacy skills as they study topics and issues related to the study of sociology.



Special Services Department

98020/98021 Careers A/B

Grades: 9-12

1.0 credit

Course Note: *Resource Teacher Approval, IEP*

This course is designed for Special Services students to develop skills necessary to function effectively in the world of work. These skills will include job training readiness and communication skills. Activities will consist of vocational assessments and career awareness activities that will address his/her post-high school transition goals. Students will also investigate career opportunities in the community. This course may count as a social studies credit. This class is offered based on need. **THIS COURSE MAY BE REPEATED FOR CREDIT**

98120/98121 Life Skills A/B

Grades: 10-12

1.0 credit

Course Note: *Resource Teacher Approval, IEP*

This course is designed for Special Services students to develop daily living skills necessary to function independently. This class will emphasize: Home economics, budgeting, shopping, recreation, interpersonal skills, and vocational activities. Field trips into the community will emphasize these skills. This course may count as a social studies credit. This class is offered based on need.

***THIS COURSE MAY BE REPEATED FOR CREDIT.**

98180/98181 Learning Skills A/B

Grades: 9-12

1.0 credit

Corequisites: *If you take this course, you must also take 98181-Learning Skills B*

Course Note: *Resource Teacher Approval, IEP*

The Learning Skills class is designed to provide students with academic and social support in both the general education and special education curriculums. Academic and social support is provided through individual educational plans which may include study, organizational, time management, critical thinking and "survival" skills, pre-vocational education and consumerism.

***THIS COURSE MAY BE REPEATED FOR CREDIT.**

98201/98202 SNAPS A/B

Grades: 11-12

1.0 credit

Course Note: *Teacher recommendation required (per IEP)*

The Students-Need-A-Pal (SNAP) program is a general education course wherein students will learn to: understand human behavior and individual differences, effectively use problem solving skills, enhance communication skills, develop professional ethics, develop research skills, acquire an understanding and acceptance of and advocacy for diversity, and increase skills as a collaborative team member and mentor. The enrolling student engages in a student-to-student mentoring model as part of the learning course requirement. **THIS COURSE MAY BE REPEATED FOR CREDIT.**

98230/98231 Work Site Based Learning A/B

Grades: 11-12

1.0 credit

Course Note: *Resource Teacher Approval, IEP*

Special Services students may elect to earn Work Site Based Learning Credit for time they spend on a job beyond the school day. The goal of the program is to enhance transition experiences and to have an opportunity for credit recovery. Students are responsible for finding their own job. They must maintain weekly timesheets. The transition coordinator conducts monthly visits to the job-site. The employer is responsible for a formal evaluation each marking period. Students working 80 hours per semester may earn ½ credit and 1 credit for 160 hours.

World Language Department

99000/99001	<u>French 1A/1B</u>	Grades: 9-12	1.0 credit
99020/99021	<u>German 1A/1B</u>	Grades: 9-12	1.0 credit
99070/99071	<u>Spanish 1A/1B</u>	Grades: 9-12	1.0 credit

Through listening, speaking, reading, and writing, students have the opportunity to develop elementary communicative skills in the language studied. Materials used in the first level of an integrated program align with the District's Benchmarks and the National Standards for teaching the French, German, and Spanish languages.

99002/99003	<u>French 2A/2B</u>	Grades: 9-12	1.0 credit
Prerequisite:	<i>French 1A/B</i>		
99023/99024	<u>German 2A/2B</u>	Grades: 9-12	1.0 credit
Prerequisite:	<i>German 1A/B</i>		
99072/99073	<u>Spanish 2A/2B</u>	Grades: 9-12	1.0 credit
Prerequisite:	<i>Spanish 1A/B</i>		

Course Note: *Successful completion of Language 1 A/B, preferably with a final grade of C or better.*

Through listening, speaking, reading, and writing, students review information learned during the first year of study. In addition, they have the opportunity to build upon and expand that level of knowledge. Materials used are the second level of an integrated program that aligns with the District's Benchmarks and the National Standards for teaching the French, German, and Spanish languages.

99004/99005	<u>French 3A/3B</u>	Grades: 9-12	1.0 credit
Prerequisite:	<i>French 2A/B</i>		
99025/99026	<u>German 3A/3B</u>	Grades: 9-12	1.0 credit
Prerequisite:	<i>German 2A/B</i>		
99074/99075	<u>Spanish 3A/3B</u>	Grades: 9-12	1.0 credit
Prerequisite:	<i>Spanish 2A/B</i>		

Course Note: *Students should have completed Language 2 A/B, preferably with a final grade of C or better.*

Through listening, speaking, reading, and writing, students review information learned during the second year of study. In addition, they have the opportunity to build upon and expand that level of knowledge. Materials used are the third level of an integrated program that align with the District's Benchmarks and the National Standards for teaching the French, German, and Spanish languages.

99006/99007	<u>French 4A/4B</u>	Grades: 9-12	1.0 credit
Prerequisite:	<i>French 3A/B</i>		
99027/99028	<u>German 4A/4B</u>	Grades: 9-12	1.0 credit
Prerequisite:	<i>German 3A/B</i>		
99076/99077	<u>Spanish 4A/4B</u>	Grades: 9-12	1.0 credit
Prerequisite:	<i>Spanish 3A/B</i>		

Course Note: *Students should have completed Language 3 A/B, with a grade of C or better.*

In their fourth year of high school language study, students are provided the opportunity to become involved in a variety of activities, with the ultimate goal of synthesizing what they have learned in the first three years of language study and expanding their listening, speaking, reading, and writing skills or ability in the language studied.

99010/99011	<u>AP French Language and Culture AA/BB</u>	Grades: 10-12	1.0 credit
Prerequisite:	<i>French 4A/B</i>		
99030/99031	<u>AP German Language and Culture AA/BB</u>	Grades: 10-12	1.0 credit
Prerequisite:	<i>German 4A/B</i>		
99080/99081	<u>AP Spanish Language and Culture AA/BB</u>	Grades: 10-12	1.0 credit
Prerequisite:	<i>Spanish 4A/B</i>		

Course Note: *Students must have completed Language 4 A/B, preferably with a final grade of C or teacher recommendation. Completion of a summer homework assignment is required for this class.*

Students who enroll in AP Language courses should already have a good command of grammar and vocabulary and have competence in listening, reading, speaking and writing. It is assumed that most students will be in the final stages of their secondary school training and will have substantial course work in the language. These courses will emphasize the use of the target language for active communication. These classes prepare the student to take the AP language test, challenging the able student while providing a means of obtaining college credit or placement or both.

82904/82905	<u>IB French SL 1 AA/BB</u>	Grade: 11	1.0 credit
82924/82925	<u>IB Spanish SL 1 AA/BB</u>	Grade: 11	1.0 credit
82944/82945	<u>IB German SL 1 AA/BB</u>	Grade: 11	1.0 credit
82914/82915	<u>IB French HL 1 AA/BB</u>	Grade: 11	1.0 credit
82934/82935	<u>IB Spanish HL 1 AA/BB</u>	Grade: 11	1.0 credit
82954/82955	<u>IB German HL 1 AA/BB</u>	Grade: 11	1.0 credit

Prerequisite: *French/Spanish/German 3 A/B*

Course Note: *Only offered at Walled Lake Western.*

82902/82903	<u>IB French SL 2 AA/BB</u>	Grade: 12	1.0 credit
82922/82923	<u>IB Spanish SL 2 AA/BB</u>	Grade: 12	1.0 credit
82942/82943	<u>IB German SL 2AA/BB</u>	Grade: 12	1.0 credit
82912/82913	<u>IB French HL 2 AA/BB</u>	Grade: 12	1.0 credit
82932/82933	<u>IB Spanish HL 2 AA/BB</u>	Grade: 12	1.0 credit
82952/82953	<u>IB German HL 2 AA/BB</u>	Grade: 12	1.0 credit

Prerequisite: *IB French/Spanish/German SL 1 AA/BB*

Course Note: *Only offered at Walled Lake Western.*

IB languages provide students with a two-year, college-level experience where students develop a higher degree of proficiency in listening, speaking, reading and writing the language. The aim of the course is to prepare students to use the language appropriately in a range of situations and contexts and for a variety of purposes. The course also allows students to develop an awareness and appreciation of the culture(s) of the countries in which the target language is spoken. Students must be prepared to be taught solely in the target language and will be expected to communicate with each other and the teacher almost exclusively in the target language. Higher Level (HL) students will also be required to analyze a variety of literary texts over the course of two years. This course fulfills the IB Group 2 requirement. These classes prepare the student to take the IB language examination, as well as the AP language exam, for possible college credit or placement or both. **Students may begin these courses a year early beginning in grade 10? if appropriate.**

Oakland Schools Technical Center (OSTC)

All OSTC courses are by application only. Students must first complete an enrollment form by going to www.ostconline.com (under the enrollment tab). They will be contacted by both their home school counselor and the OSTC campus counselor if they are selected for attendance. Selection is based on several factors, primarily how closely the student's EDP and career goals line up with their course selection. **Priority deadline is in early December**, space is limited so early inquiry is important.

80016/80017 Agriscience & Environmental Technology A/B Grades: 11-12 1.5 credit

Prerequisite: The OSTC Enrollment Form must be submitted online at www.OSTOnline.com Walled Lake students attend the SW Campus. College credits available through articulation agreements. Embedded 4th math and 3rd science credit is available.

This program is designed to prepare students with the skills necessary to successfully enter one or more of the following broad career areas: Biotechnology Systems, Environmental Systems, Animal Systems, and Plant Systems. The curriculum includes Forensic Science, Wildlife, Fisheries, and Forestry Management, Greenhouse Management, Floral Design, Hydroponic Management, Organic Gardening, Landscape Design, Veterinary Assisting, Animal Grooming, Biotechnology Technician Assisting, Environmental Science, and Aquacultures. Areas of study include:

- ▶ Plant Systems (hydroponics, tissue culture, and aquaculture)
- ▶ Animal Systems (including veterinary sciences)
- ▶ Environmental and Natural Resource Systems
- ▶ Agribusiness and Marketing

Certifications may vary by technical campus, so contact the Southwest campus for more information.

80076/80077 Construction Technology A/B Grades: 11-12 1.5 credit

Prerequisite: The OSTC Enrollment Form must be submitted online at www.OSTOnline.com College credits available through articulation agreements. Embedded 4th math credit is available.

Course Note: This course is only offered at the OSTC Clarkston and Pontiac Campuses. You must provide your own transportation.

This cluster provides students with opportunities to learn skills to work in all areas of the construction field including: carpentry, interior/exterior finishing, electrical, plumbing, masonry, heating, ventilation, air conditioning and refrigeration (HVAC), home repair, building and grounds maintenance, and construction management.

80080/80081 Cosmetology A/B Grades: 11-12 1.5 credit

(Two year program that must begin the summer before 11th grade)

Prerequisite: The OSTC Enrollment Form must be submitted online at www.OSTOnline.com College credits available through articulation agreements. Embedded 4th math and 3rd science credit is available.

Course Note: This is a regional cluster which is only offered at the OSTC Northeast, Pontiac Campus. You must provide your own transportation.

Successful completion of the Cosmetology program, which includes students earning 1900 hours, allows the student to apply for state licensing exams (summer school enrollment plus additional hours in senior year are required). This course includes extensive hands-on instruction using an advanced integrated curriculum in academics, technical, and workplace skills. Core skills include entrepreneurship, salon ecology, safety and electricity, general anatomy, and chemistry. Technical skills include hair care and treatments, esthetics, nail technology, hair cutting and hair coloring.

80090/80091 Culinary Arts/Hospitality A/B **Grades: 11-12** **1.5 credit**

Prerequisite: *The OSTC Enrollment Form must be submitted online at www.OSTOnline.com* College credits available through articulation agreements. Embedded 4th math credit is available.

This cluster prepares students for a broad background of skills and knowledge utilizing industry based tools, equipment and technology required to be productive in a modern commercial kitchen with applications in business procedures for today's professional. Computer systems are used to maintain inventory, place orders, and produce communications through simulations of actual industry situations. Training is provided in cooking, menu design, staffing and scheduling, food preparation, and financial management. Additionally, students will contribute to the day-to-day operations of a restaurant and catering services. Travel, tourism and hospitality fundamentals are also covered in the two-year program.

80100/80101 Health Sciences A/B **Grades: 11-12** **1.5 credit**

Prerequisite: *The OSTC Enrollment Form must be submitted online at www.OSTOnline.com* Walled Lake students attend the SW Campus. College credits available through articulation agreements. Embedded 4th math and 3rd science credit is available.

The Health Sciences cluster provides students with core and foundation skills for health fields such as medical assisting, laboratory, medical office technology, dental assisting, optical technology, nursing, and pharmacy. Also, students will gain an understanding in all areas of the health core curriculum including safety, anatomy and physiology, asepsis, ethics, medical terminology, pharmacology, prevention and office procedures. Additional training opportunities are available in phlebotomist, EKG technician, sports safety, radiology aide, surgical technical aide, respiratory therapy aide, occupational therapist, physical therapist, dietary aide, and medical records and billing.

Certifications Available

- CNA Assistant
- CPR with AED Training
- (Automated External Defibrillator)
- First Aid Certification
- EMT - this is available as an Early College Option, contact a technical campus counselor for more information.

See Below Transportation Technology Clusters **Grades: 11-12** **1.5 credit**

80020/21 Transportation Automotive Technology

(Two year program that must begin in 11th grade)

80110/11 Transportation Medium/Heavy Truck and Equipment

80070/71 Transportation Collision Repair

Prerequisite: *The OSTC Enrollment Form must be submitted online at www.OSTOnline.com* Walled Lake students attend the SW Campus. College credits available through articulation agreements. Embedded math credit is available.

The Transportation cluster is an intensive hands-on program designed to prepare the student with skills necessary to successfully enter into transportation careers. In this one or two-year course the student will gain core and technical skills related to gas and diesel engine theory, vehicle systems, basic mechanical principles, and the use of computerized diagnostic tools and equipment. Core curriculum includes competency in safety concepts, equipment operation, and measuring. Technical training competencies are based on state/national licensing and credentialing requirements.

Certifications Available

- ASE certifications (brakes, steering and suspension, engine performance, electrical/electronics)
- ASE Collision certification
- ASE Heavy Equipment certifications

See Below **Engineering and Emerging Technology Clusters** Grades: 11-12

1.5 credit

80120/21 EET Machining

80122/23 EET Mechatronics

80160/61 EET Welding

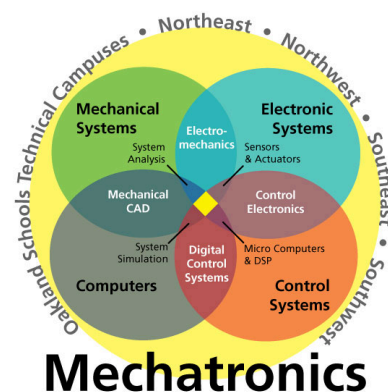
Prerequisite: The OSTC Enrollment Form must be submitted online at www.OSTOnline.com Walled Lake students attend the SW Campus. College credits available through articulation agreements. Embedded 4th math and 3rd science credit is available.

This course is an intensive hands-on program designed to prepare students with skills to enter post-secondary institutions or move directly into employment opportunities. Students will learn high-tech engineering technologies like mechatronics which include virtual simulation, computerized manufacturing, rapid prototyping, and alternative energies through a variety of instructional methods and self-paced competency-based computerized modules. Students will learn mechatronics core foundational skills including:

- ▶ Design Processes (CAD)
- ▶ Electricity/Electronics
- ▶ Fluid Power (hydraulics/pneumatics)
- ▶ Machining/Mechanical
- ▶ Quality Assurance
- ▶ Robotics
- ▶ Welding/Fabrication (Not available at the SW Campus)

National Certifications may vary by campus. Examples include:

- Delmia Certifications
- American Welding Society Certifications
- American Society of Body Engineers CATIA Certifications
- Data Cabling Installers Certification
- Fanuc Robotics Certification
- Manufacturing Skill Standards Council (MSSC)
- Production Technician Certification
- Mobile Electronics Certified Professional (MECP)
- International Society of Certified Electronics Th. (ISCET)
- Siemens Mechatronics Certification
- The Early College Option is available for EET Programs



80046/80047 iTEAM Clusters

Grades: 11-12

1.5 credit

(Information Technology, Entrepreneurship, Advanced Marketing)

80060/61 Cyber Security Networking

80140/41 Entrepreneurship Advanced Mkt

80040/41 Computer Programing

Prerequisite: *The OSTC Enrollment Form must be submitted online at www.OSTCOnline.com Walled Lake students attend the SW Campus. College credits available through articulation agreements. Embedded 4th math credit is available.*

In the iTEAM cluster, students learn Information Technology skills in Networking and PC Troubleshooting, Web Development, Mobile Application Development, Database Administration, and Programming. Within these career opportunities, students can earn certifications including: Certified Internet Webmaster (CIW), Adobe Certified Expert, A+, C++, Network+, and Microsoft Certified Professional (MCP). In addition, in the iTEAM career opportunity, students learn entrepreneurship skills and marketing skills that provide them with the knowledge necessary to manage and run their own business. They can also participate in an online partnership with Macomb Community College; earn college credits and a Certificate of Entrepreneurship or Information Technology. All students will have the opportunity to earn Microsoft Certified Application Specialist (2010) certifications, a Customer Service Certification, Sales Certification, and a Retail Management Certification.

Certifications

These may vary by technical campus, so contact the campus you plan on attending for more information. Examples include but are not limited to:

- C++ Programming
- Microsoft Computer Application Specialist (MCAS) 2010
- Microsoft Certified Professional (MCP)
- A+ Certification
- Network+
- Certified Novell Administrator
- Certified Internet Webmaster Associate (CIW)
- Certified Internet Webmaster Professional (CIW)
- Dreamweaver & Developer Certification
- Michigan Real Estate Salesperson License
- Certificate in Entrepreneurship through a partnership with Macomb Community College
- Internet & Computing Core IC3 Certificate
- Customer Service Certification



80150/80151 Visual Imaging: Graphic Communication Design A/B

Grades: 11-12

1.5 credit

Prerequisite: *The OSTC Enrollment Form must be submitted online at www.OSTCOnline.com Walled Lake students attend the SW Campus. College credit available through articulation agreements. Embedded 4th math credit available.*

Students will train toward careers that communicate ideas and information to the public and include the areas of graphic communication, design communication, interactive multimedia/animation, and audio, video and film production skills and processes. Students will have opportunities in screen-printing, press operations and bindery; graphic layout, advertising design and marketing presentations used in “flat art” or the print publishing world. As for the electronically distributed universe, the student will be introduced to audio and video, and interactive media design and implementation used in radio, DVD, CD-ROM and the World Wide Web. Areas of study include:

- ▶ Audio/Video Production and Film
- ▶ Design and Visual Arts
- ▶ Graphic Communication
- ▶ Interactive Media/Design

Five PRINT ED nation certifications are available through the Graphic Arts Education Research Foundation (GAERF). They Include:

- Introduction to Graphic Communications
- Digital File Preparation
- Offset Press Operations
- Binding and Finishing
- Digital File Output Adobe Certified Expert

Desktop Publishing, Printing and Screen Printing... in graphic design, animation, and 3D design in the second year. Software utilized includes ADOBE PAGEMAKER, PHOTOSHOP and ILLUSTRATOR. Students will be encouraged to study for the ADOBE Certified Expert Exam (ACE) practice Digital Photography and Scanning.

