

Lakeville Memorial
High School
Course Catalog
2017-2018



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LAKEVILLE HIGH SCHOOL FALCONS



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LAKEVILLE MEMORIAL HIGH SCHOOL

Graduation Requirements 2019 - 2021

All students must earn a minimum of 22 credits including the following:

Course	Credits	Required Credits
English	4	1 credit English 9, 1 credit English 10, 1 credit English 11, ½ credit English 12, and ½ credit English elective
World Language	2	Students are required to pass two credits of a World Language or one credit of World Language and an additional Visual, Performing and Applied Arts (VPA) or Career and Technical Education (CTE) credit.
Mathematics	4	1 credit Algebra I, 1 credit Geometry, 1 credit Algebra II, and 1 additional math or math-related credit. One of the four mathematics credits must be in the senior year.
Science	3	1 credit Physical Science, 1 credit Biology, and 1 additional department approved credit.
Social Studies	3	1 credit United States History/Geography, ½ credit of Economics, ½ credit of Civics, and 1 credit World History/Geography.
Health	½	½ credit
Physical Education	½	½ credit. Students who have completed four semesters of extra-curricular or physical activities may be eligible to wave the ½ credit of P.E.
Visual, Performing and Applied Arts (VPA)	1	1 credit in either Art, Music, and/or Industrial Technology courses
Electives	4	Includes any course not otherwise needed as a requirement.
Total Credits	22	A student who passes all classes during their High School career will graduate with 24 total credits.

All students must take and complete state testing, including the SAT.

LAKEVILLE MEMORIAL HIGH SCHOOL

Graduation Requirements through 2018

All students must earn a minimum of 22 credits including the following:

Course	Credits	Required Credits
English	4	1 credit English 9, 1 credit English 10, 1 credit English 11, ½ credit English 12, and ½ credit English elective
World Language	2	Students are required to pass two credits of a World Language or one credit of World Language and an additional Visual, Performing and Applied Arts (VPA) or Career and Technical Education (CTE) credit.
Mathematics	4	1 credit Algebra I, 1 credit Geometry, 1 credit Algebra II, and 1 additional math or math-related credit. One of the four mathematics credits must be in the senior year.
Science	3	1 credit Biology, 1 credit Chemistry or Physics OR ½ credit Conceptual Chemistry and ½ credit Conceptual Physics, and 1 additional credit of science electives.
Social Studies	3	1 credit United States History/Geography, ½ credit of Economics, ½ credit of Civics, and 1 credit World History/Geography
Health	½	½ credit
Physical Education	½	½ credit. Students who have completed four semesters of extra-curricular or physical activities may be eligible to wave the ½ credit of P.E.
Visual, Performing and Applied Arts (VPA)	1	1 credit in either Art, Music, and/or Industrial Technology courses.
Electives	4	Includes any course not otherwise needed as a requirement.
Total Credits	22	A student who passes all classes during their High School career will graduate with 24 total credits.

All students must take and complete state testing, including the SAT.

FOUR-YEAR PLAN WORKSHEET

CLASS	CREDITS	9 TH GRADE	10 TH GRADE	11 TH GRADE	12 TH GRADE
Required Courses					
English	4				
Mathematics	4				
Science	3				
Social Studies	3				
Physical Education	½				
Health	½				
Visual, Applied or Performing Arts	1				
World Languages	2 Or 1 with 1 additional VPA or CTE credit				
Electives					
Art					
Business					
Industrial Arts					
Music					
Other (Including Career Institute)					

ADDITIONAL REQUIREMENTS AND POLICIES

NOTE: Students and their parents are referred to the Lakeville Community School District School Board Policy 5460 for more in-depth discussions of graduation requirements. Policies can be found on our website at www.lakevilleschools.org.

All students must be considered full-time students prior to graduation. A full-time student is one who is enrolled in (6) hours a day throughout the school year or who is dually enrolled in high school and college classes. All students must comply with attendance as well as academic standards/requirements in order to earn credit in a class.

All students must meet graduation requirements as stated in the Board of Education's policy unless they are modified by a Personal Curriculum (PC) approved by administration. Eligibility restrictions apply. Please see Board Policy 5460 found on our website for additional information.

GRADE POINT AVERAGE (GPA), COURSE SELECTION, AND COLLEGE

Many four-year academic colleges and universities "recalculate" an applicant's grade point average when considering a student for admission. They may use only core classes (English, math, science, social studies, and world language). College preparatory students are urged to review college catalogues early to insure that they are selecting appropriate high school coursework.

EARLY SKILLS AND APTITUDE TESTING FOR UNDERCLASSMEN

9th grade will take the PSAT9 in April

10th grade will take the PSAT10 in April

11th grade will take the SAT in April

10th grade may take the PSAT/NMSQT in October for a fee

11th grade may take the PSAT/NMSQT in October for a fee

PSAT/NMSQT:

The Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Tests (PSAT/NMSQT) aids secondary schools in early identification and counseling of students planning to attend college and serves as the qualifying test for scholarships awarded by the National Merit Scholarship Corporation. It measures developed critical reading and mathematical reasoning abilities important for academic achievement in college and assesses the ability to reason with facts and concepts, rather than the capacity to recall and recite them. The PSAT/NMSQT is a slightly shorter, somewhat easier version of the Scholastic Aptitude Test (SAT) and is an excellent predictor of performance on the SAT. Most students who take the PSAT/NMSQT are high school juniors, but advanced sophomores can also take the test. Students can only qualify for NMSQT as junior test-takers.

COLLEGE ENTRANCE EXAMS

Most colleges require students to take a standardized test before they make a decision regarding admission. (Grades, special talents, and accomplishments are also part of that decision.) These tests are intended to give an estimate of a person's academic ability and an idea of how they compare with other students entering college.

ACT – American College Program:

The ACT is a test that all colleges in Michigan accept for student admission. ACT is a battery of tests which includes mathematics, writing skills, reading, science reasoning, and the recently added written essay. If your student is considering attending a Michigan four year college or university, you may want your student to take the ACT test which can be taken independently on one of the five National Testing dates throughout the school year.

SAT – Scholastic Aptitude Test: SAT Plus Essay:

This test is mandatory as part of the Michigan Merit Examination and is a **graduation requirement**. Many out-of-state colleges require the SAT for admission. The SAT is a multiple-choice test made up of separately timed critical reading, mathematics sections and an essay test.

SAT II – Subject Tests:

These tests are not required by all colleges. Students should check in the college catalogs or with admission offices of individual colleges. These tests measure what you know in each of several fields including but not limited to mathematics, biology, history, chemistry, and foreign language. Each test is one hour in length with multiple-choice questions.

To register for the ACT, students need to utilize the ACT website (www.act.org). To register for the SAT or SAT II tests, students need to utilize their college board account or the following website: www.collegereadiness.collegeboard.org. Watch the deadlines for test registration. Follow the directions carefully when filling out test applications. Be sure to state the correct high school code number (232-893) and the codes for the colleges you want to receive your test scores.

HIGH SCHOOL ASSESSMENTS

Michigan Merit Examination and M-STEP:

The Michigan Merit Examination (MME) in 11th grade consists of the SAT (a college entrance exam), WorkKeys (a work skills assessment) and the M-STEP summative assessments which measure student growth in science and social studies.

The SAT is divided into the following three sections:

- Evidence-Based Reading and Writing
- Math
- Essay

The essay will

- More closely mirror college writing assignments
- Cultivate close reading, careful analysis, and clear writing
- Promote the practice of reading a wide variety of arguments and analyzing an author's work

The SAT will include one of the following

- An excerpt from one of the United States founding documents
- A text from the ongoing global conversation about freedom, justice, and human dignity

The math portion of the SAT will focus in depth on three essential areas of math

- Problem solving and Data analysis (quantitative literacy)
- Heart of Algebra (mastery of linear equations)
- Passport to Advanced Math (familiarity with more complex equations)

ADVANCED PLACEMENT/COLLEGE CREDIT

Advanced Placement Courses

LakeVille Memorial High School is pleased to offer Advanced Placement (AP) classes to its students. Classes are designed for students who are interested in pursuing a rigorous curriculum to prepare for college-level work. Students are strongly encouraged to take Advanced Placement examinations upon completion of each class. Successful scores on the examinations allow students to receive college credit and/or advanced placement in college. AP examinations are given in the spring at area locations.

Registration in Advanced Placement courses should be carefully considered because the work in these courses and the pace at which the courses are taught will be advanced and commensurate to college-level work. These classes may require advanced research, reading, and writing.

Classes are scheduled based on the number of student requests. In the event that the number of requests for AP classes is too small to run a section, the course will not be offered, and the student will be asked to select a different class. **Students must understand that, once registered for an Advanced Placement course, they are committed to that decision and understand that they will not be allowed to drop the course(s).**

College Level Examination Program (CLEP):

CLEP is a national program of credit-by-examination that offers students the opportunity to obtain college credit for their knowledge about a particular field. It is a way for students to avoid spending time (and tuition money) repeating basic college subjects that have been learned in some other way; independent study, advanced high school courses, practical on-the-job experiences, extensive reading, military experiences, etc. Occasionally, results on the CLEP tests make it possible for a student to receive credit for the college freshman year which allows them to begin immediately as a sophomore, enrolling in more specialized courses. Check with the college in which you plan to enroll for more specific information.

College Placement Tests:

Some colleges administer tests to new students to place them at the appropriate subject level. For example, if a student has taken world language in high school and plans to continue language studies in college, a college may require the student to take the language placement test to determine what level of course should be entered as a freshman. Many community colleges give English and Math placement tests to students. The college administers these placement tests, usually during the student's orientation period on campus.

NCAA ATHLETIC ELIGIBILITY

LakeVille Memorial High School has had many students experience success in college athletics. Students who wish to continue their athletic pursuits at the college level should choose appropriate college-preparatory courses and maintain good academic standing in all classes throughout high school in order to meet the NCAA eligibility requirements. Rules vary depending on the Division of the college/university you plan to attend and include core classes taken, GPA and ACT score.

The NCAA Eligibility Center website was designed with the student athlete in mind. The site provides the tools and information you need to prepare for your college experience as a student-athlete.

If a student is planning to enroll in college as a freshman and wishes to participate in Division 1 or Division 2 athletics, he/she must be certified by the NCAA Initial-Eligibility Clearinghouse at the beginning of their senior year. Initial contact with the athletic director and/or counseling office concerning NCAA eligibility should be made prior to the student's sophomore year to ensure that he/she is on course for meeting all requirements.

To register with the NCAA Eligibility Center:

- Go to www.eligibilitycenter.org
- To create an account click on the blue arrow button (Register) in the middle of the screen.

If you have questions or need further information see the athletic director, your counselor, or visit the website at www.eligibilitycenter.org.

Note: Credit earned through the "testing out" process DOES NOT meet NCAA requirements.

DUAL ENROLLMENT

Under Michigan law, it is possible for high school students who meet the criteria established by the State of Michigan to dual enroll simultaneously at both LakeVille Memorial High School and a Michigan public or private college or university. Students earn credit from the college as well as from LakeVille Memorial High School. If tuition for a course exceeds the rate established by the state, students and their family are responsible for the difference. Students should see their counselor for an application and specific information about fees at colleges they are interested in attending.

If a student who is dual enrolled fails the course or drops the course after the drop deadline, and fees from the college or university apply, the student and his/her family are responsible for the cost of tuition and any accompanying fees.

Northern Tier Academic Partnership (NTAP)

Students from Lakeville, Clio, Genesee, Mt. Morris, and Montrose will attend classes at MCC, on the Clio campus, Monday through Thursday from 7:30 am – 8:55 am, Friday 7:30 am – 8:25 am, and then return to their respective schools to complete the school day. Students enrolled in this program will have the opportunity to earn fourteen (14) college credits at no cost to the student.

Students must provide their own transportation to MCC Northern Tier Center for this dual enrollment opportunity.

NTAP Qualifications

1. **Recommendation from your high school counselor and meet requirements of Lakeville Community Schools' dual enrollment policy**
2. **Cumulative GPA of 2.5 or higher in high school**
3. **Demonstrate college level competency in English based on the MCC Accuplacer Assessment or have an English ACT score of 20 or higher if taking ENGL 101**
4. **An interest in post-secondary education**
5. **Motivation and ability to attend and complete college level courses**

See below for an example of **potential** class offerings based on the offerings of the 2017-18 school year.

Fall

ENGL 101	College Composition I	7:30 am – 8:55 am	Mon & Wed	NTC - Clio
PSYC 281 or	General Psychology	7:30 am – 8:55 am	Tues & Thurs	NTC - Clio
PHIL 295	Ethics	7:30 am – 8:55 am	Tues & Thurs	NTC - Clio
CASD 121	College Study & Learning Skills	7:30 am – 8:25 am	Fridays	NTC - Clio

Winter

ENGL 102 or	College Composition II	7:30 am – 8:55 am	Mon & Wed	NTC - Clio
COMM 131	Public Communication	7:30 am – 8:55 am	Mon & Wed	NTC - Clio
SOCY 191	Introduction to Sociology	7:30 am – 8:55 am	Tues & Thurs	NTC - Clio
CDEV 110	Career Decision Making	7:30 am – 8:25 am	Fridays	NTC - Clio

Course descriptions:

ENGL 101: (3 credits) English Composition I is a writing course that emphasizes organization and communication of thought through writing developed with clear, convincing detail and supporting a thesis (controlling idea or main point). Writing in the course will include single paragraphs, short essays, and a library research assignment which includes a longer, multiple-source, documented essay. (ACT English score of 20 or MCC placement into ENGL 101). *Writing/Communications credit under the MTA.*

ENGL 102: (3 credits) English Composition II focuses on the development of critical thinking reading and writing abilities. Areas emphasized include language awareness critical reading and analysis persuasion and argument and research. A substantial research project is required including evaluating and selecting a variety of sources and writing a narrowly focused essay in support of the students own positions. *Writing/Communications credit under the MTA. Must have satisfied ENGL 101 requirements.*

PSYC 281: (3 credits) General Psychology is the scientific study of behavior and mental processes with special emphasis on research methods, biological basis of behavior, human development, learning and cognition, personality theories, cultural, environmental and interpersonal influences on behaviors, abnormal development, psychological disorders and therapeutic interventions. *Social Science Credit under the MTA (must have high school reading level).*

PHIL 295: (3 credits) Ethics study the fundamental philosophical issues/problems concerning morality and moral reasoning. Emphasis on the examination of traditional and contemporary attempts to distinguish morally good from morally bad actions. Other topics may include issues in political philosophy, ethical relativism and objectivity the nature of the good and contemporary moral issues such as abortion affirmative action and capital punishment. Works from both historical and contemporary philosophers are discussed. *Fine Arts & Humanities Credit under the MTA (must have high school reading level).*

SOCY 191: (3 credits) Introduction to Sociology is a systematic study of human behavior in groups; the socialization of individuals in to their culture; the formation and functioning of different kinds of social groups; and the processes of stability, deviance, and change in society. *Social Science Credit under the MTA (must have high school reading level).*

COMM 131: (3 credits) Fundamentals of Public Speaking teaches the public speaking principles of effect oral communication and application of these principles in a variety of practical speaking situations.

CASD 121: (1 credit) College Study & Learning Skills is designed to help students develop successful study skills. Includes time management, note taking styles, organizing textbook readings, memory techniques, test-taking strategies and developing a positive attitude toward learning. *Resource Credit not under MTA (no prerequisites)*

CDEV 110: (1 credit) Career Decision Making is designed to aid undecided students in making career choices. Includes skill development in self-awareness, career awareness, decision making and career planning/placement, choosing a college and a college major, and understanding the labor market and employment opportunities. *Resource credit not under MTA (no prerequisites).*

TESTING OUT OF A CLASS

Public Act 335, State 1279 B, of the School Code requires that high school students be offered the opportunity to "test out" of any course offered by his/her high school except government or physical education or any course where group performance is a fundamental requirement.

Students must demonstrate proficiency of Michigan Merit Curriculum requirements by passing a comprehensive examination which may include written papers, projects, performances, portfolios, presentations, labs, or other appropriate assessments incorporated within the course **with a score at or above 78%.**

The course will be accepted for fulfillment of a required course in a sequence, but it is not automatically counted toward the required twenty-two credits for graduation. Once a student has "tested out" of a course, he/she may not take a lower course in the same sequence either by "testing out" or through enrollment.

All "testing out" assessments for the coming school year will be completed during the month of August. There will be one date scheduled for testing. Students will be contacted by mail during the summer with the scheduled date and time for testing and any other information deemed necessary. Students requesting to "test out" of a class must complete the application on page 26 and turn it in to the counseling secretary by the last day of school in the spring, June 15, 2017. **No requests will be accepted after that date.**

RETAKE POLICY

A student who passes a core class with a grade lower than a C may retake the class in summer school or during the school day. The student will receive an elective credit for the first attempt and the designated credit for the second attempt. Both earned grades will appear on a transcript and will count toward GPA.

NOTE: Students and their parents should refer to School Board Policy 5460 available on our website for more in depth information on testing out and/or retake of a class policies.

INNOVATIVE CLASS OPTIONS

GenNET/DISTANCE LEARNING

GenNet is a distance learning program. All 21 Genesee County school districts participate in the program.

Students can take unique classes with students and teachers from other districts without ever leaving LakeVille. As a result of our county wide voice, video and data connection, students in our GenNET classroom are able to interact with their teacher and classmates from various districts across the county.

Due to the independent nature of the classroom this program is designed for highly motivated and disciplined students. Please refer to GenNet classes listed within this book for grade level information and course details.

Students wishing to apply for a GenNet course need to pick up and complete an application from the counseling office. Seating is limited, so not all applicants are guaranteed a place in the program. The actual GenNET schedule is determined by the GISD in the spring based on student interest and teacher availability. If you have any questions, please contact the counseling office.

ONLINE COURSES

LakeVille students have the ability to take online courses as part of their school day. Online courses use a nontraditional format for content delivery. Students who are most successful in these courses are self-motivated independent learners that can effectively manage their time. The online course catalog can be viewed at www.gennet.us. Please see your counselor for information about enrolling in these courses. The deadline for submitting online course requests for the entire 2017-18 school year is June 15th, 2017. The request form can be found on pages 33-34. The form should be turned in to the counseling secretary. **No requests will be accepted after that date.**

CAREER PATHWAYS

Students create and revise yearly an Educational Development Plan using career planning tools. Known careers are divided into six career pathways. The pathways help students prepare for the future by providing an area of focus, along with a variety of ideas to pursue. The six pathways are listed below:

Arts & Communications:

Occupations in this Career Pathway are related to the humanities and the visual, performing, literary and media arts. These may include architecture, interior design, creative writing, film, fine arts, graphic design, journalism, languages, radio, television, advertising, public relations, and fashion design.

Business, Management, Marketing & Technology:

Occupations in this Career Pathway are related to the business environment. These may include sales, marketing, computer information systems, finance, accounting, economics, and management.

Engineering/Manufacturing & Industrial Technology:

Occupations in this Career Pathway are related to technologies necessary to design, develop, install, and maintain physical systems. These may include engineering, manufacturing, construction, service and service related technologies.

Health Science:

Occupations in this Career Pathway are related to the treatment of disease, injuries and conditions, as well as the promotion of health. These may include research, prevention, and treatment technologies.

Human Services:

Occupations in the Career Pathway are related to economic, political and social systems. These may include education, government, hospitality, recreation activities, religion, childcare, civil, social and personal services.

Natural Resources & Agriscience:

Occupations in this Career Pathway are related to natural resources, agriculture and the environment. These may include agricultural sciences, earth sciences, environmental sciences, fisheries, horticulture and wildlife.

Courses will be labeled at the end of each course descriptor with corresponding and related career pathway(s).

SELECTION OF COURSES

The classes found in this handbook are proposed for the 2017-2018 (**odd year**) school year. Some classes may not be scheduled if there is low student interest in the course. Please give careful consideration to your four year plan and current selections. Once you have locked in your preliminary choices, you will not be allowed to change them before registration. You will need to use the schedule change policy outlined in the student handbook to do so.

2017-2018 COURSE DESCRIPTIONS

***Indicates core classes accepted by the NCAA**

STRATEGIES FOR SUCCESS (Semester) 22001 **Juniors will be enrolled in this class as a required elective**

GRADE 11

This course is designed to help prepare students for state and national standardized tests such as the ACT, PSAT, SAT, and Michigan Merit Exam. In particular, this course assists students in developing and/or expanding their vocabulary, test-taking and reasoning skills through study, lecture, and practice drills. Course topics will include three six-week rotations through math, science, and English.

(Career Pathways: all six)

ENGLISH LANGUAGE ARTS

All Language Arts Courses satisfy all six Career Pathways unless noted

ENGLISH 9* (Full Year) 01001

GRADE 9

This course will serve as a review of the eight parts of speech, sentence writing, and punctuation. The literature section will serve as an introduction to the short story, drama, novel, elements of fiction, and literary techniques. The course will emphasize written communication through the development of the following skills: grammar, parts of a sentence, usage, and mechanics. Students will learn basic research skills and research a career of their choice. Speaking skills will also be developed. Oral presentations are required.

HONORS ENGLISH 9* (Full Year) 01001

GRADE 9

Prerequisite: Meet NWEA score requirements and/or teacher recommendation

This course will cover the content and curriculum of English 9 and more. It includes a faster pace and more rigorous standards. Only students with A's and B's in English will be considered for this course. All students need a teacher recommendation to take this course.

ENGLISH 10* (Full Year) 01002

GRADE 10

Prerequisite: English 9

This course will deal with four basic areas: writing, literature, speaking skills, and grammar. Writing will deal primarily with paragraph development, essays, and a research paper. Fiction, drama, nonfiction, and poetry will be studied. Outside readings and oral presentations are required.

HONORS ENGLISH 10* (Full Year) 01002

GRADE 10

Prerequisite: Honors English 9 and/or teacher recommendation

This course will cover the content and curriculum of English 10 and more. It includes a faster pace and more rigorous standards. Only students with A's and B's in English will be considered for this course. All students need a teacher recommendation to take this course.

ENGLISH 11* (Full Year) 01003

GRADE 11

Prerequisite: English 10

This course will concentrate on writing and American literature, from colonial times to the twentieth century. The writing in this course will be based upon readings from American literature and will be reinforced through various writings, including one required research paper. Outside reading, and oral presentations will be required.

AP LANGUAGE AND COMPOSITION* (Full Year) 01006

GRADE 11

***Prerequisite: Honors English 9 and 10 and/or teacher recommendation**

This course is highly recommended for college bound juniors. This course focuses on American literature, with an emphasis on nonfiction, and includes oral and visual media. Students explore a variety of philosophical issues, rhetorical analysis of literary texts, and how language is manipulated in order to make meaning. As an extension of reading, students will write analysis, persuasive, and synthesis (research-based) papers. A thorough analysis of writing, language, and grammar strategies reinforces the core curriculum and prepares students for the AP English Language and Composition Examination and other college entrance exams. Oral presentations are required.

ENGLISH 12* (Semester) 01151

GRADE 12

All Grade 12 students are required to take this class.

This course provides writing, speaking and listening experiences. Studies include writing short and long term goals, personal essays, college applications, resumes and letters of recommendation. Students will develop the following skills; vocal expression, group discussions and debate. Students demonstrate mastery of the content by developing, organizing and presenting their required Senior Exit project. Senior students will also finalize their Educational Development Plan (EDP) as part of their course requirements.

AP LITERATURE AND COMPOSITION* (Full Year) 01005

GRADE 12

Prerequisite: AP Language & Comp 11 and/or teacher recommendation

This course is strongly recommended for college-bound seniors. Research techniques will be studied, and two research papers will be required. The literature unit will include classics of world literature. Writing for college is an integral part of this course. Oral presentations are required.

NONFICTION LITERATURE* (Semester) 01053, even year

GRADES 10-12

Students in this course will study the human experience through works of nonfiction. Students will analyze and interpret an author's style and use of literary devices. Personal and persuasive literary selections will be studied. This course also requires expository writing in which students will compose texts that inform, explain, describe or define an issue, subject or idea. They will also generate responses to what is read. Oral presentations are required.

(Career Pathways: Arts & Communications; Human Services)

GOTHIC LITERATURE (Semester) 01053, odd year

GRADES 10-12

This course will introduce students to the history and conventions of classical and contemporary Gothic fiction. Students will scrutinize novels and short stories for elements of the gothic genre and understand the author's purpose and style. Topics and discussions will include the psychological aspects that comprise this macabre and grotesque genre and why it has a timeless appeal. Oral presentations are required.

(Career Pathways: Arts & Communications; Human Services)

INDEPENDENT READING (Semester) 01066, even year

GRADES 9-12

This course allows students to improve their reading comprehension skills as they read self-selected books of interest to them. Students will be encouraged to develop a wide range of reading interests and to probe more deeply into the reading that they do under the guidance of the teacher. As an aid in evaluating their progress, the students will keep a daily record of their reading in a notebook reflecting on their reading experience. Book presentations required.

(Career Pathways: Arts & Communications; Human Services)

MYTHOLOGY* (Semester) 01099, even year

GRADES 11-12

This one semester course is an introduction to Greek and Roman mythology and an opportunity to explore the historical and economic events that influence culture shared through verbal and written myths. Oral presentations are required.

(Career Pathways: Arts & Communications; Human Services)

CREATIVE WRITING* (Semester) 01104, odd year

GRADES 9-12

Students in the course will gain skills in expressing themselves with originality, creativity, and clarity in prose, drama, and poetry in an intensive workshop setting. Students will identify the successful elements of an effective piece of creative writing and experience being in a writing community by learning to give and receive useful feedback. Students will demonstrate a better understanding of the revision and rewriting process through mastery of editing skills, including peer-editing. Oral presentations are required.

COMMUNICATIONS IN THE MEDIA (Semester) 11002

GRADES 10-12

This course teaches students how to develop their reading, writing and speaking skills to prepare for careers in the booming entertainment and journalism industry. Included are in-depth studies of the history of the medium as well as a study of how technology is impacting this industry. Students will produce a school newspaper as well. Students have opportunities to participate in video and audio production projects.

(Career Pathways: Arts & Communications)

WORLD LANGUAGE

All World Language Courses satisfy all six Career Pathways unless noted.

SPANISH I* (Full Year) 06101

GRADES 9-12

This full year course introduces the student to Spanish as a means of communication and understanding other people and cultures. Oral participation and study of specific grammar areas, memorization, daily note taking and homework assignments are required for successful completion of this course.

SPANISH II* (Full Year) 06102
Prerequisite: Spanish I

GRADES 9-12

A continuation of the basic concepts begun in Spanish I: vocabulary, sentence structure, and verb conjugation. The stress will continue on written, oral, and listening skills. Verb tenses will be expanded to include at least the past tense.

SPANISH III* (Full Year) 06103
Prerequisite: Spanish II

GRADES 9-12

This course is designed for self-motivated students. The study of verb tenses such as the future; the progressive, past, and present; the present subjunctive, etc., will be continued, as well as other specific grammar points. The majority of the class is conducted in Spanish.

SPANISH IV* (Full Year) 06104
Prerequisite: Spanish III

GRADES 10-12

This course is designed for students who are self-motivated and willing to work independently. The following verb tenses will be studied: conditional, subjunctive, present and imperfect, passive voice, etc. There will be some outside reading required. The majority of the class is conducted in Spanish.

AP SPANISH LANGUAGE* (Full Year) 06112
Prerequisite: Spanish IV

GRADES 11-12

This AP Spanish Language and Culture course is conducted primarily in Spanish with authentic materials from the Spanish-speaking world, and it is equivalent to a third year college course in Advanced Spanish writing and conversation. This course is designed to provide students with various opportunities to further improve their proficiency in listening, speaking, reading, and writing skills to be ready for the AP Spanish Language and Culture Examination.

MATHEMATICS

All Mathematics Courses satisfy all six Career Pathways unless noted.

ALGEBRA I* (Full Year) 02052

GRADE 9

Students will study the properties of real numbers, linear equations and graphing, linear inequalities, systems of linear equations, exponents, exponential functions, rational functions, radicals, logarithms, and geometry.

GEOMETRY* (Full Year) 02072
Prerequisite: Algebra I

GRADES 9-12

Students will develop reasoning and problem solving skills as they study topics such as congruence and similarity, and apply properties of lines, triangles, quadrilaterals, and circles. Students will also develop problem solving skills by using length, perimeter, area, circumference, and surface area, and volume to solve real-world problems. Geometry includes numerous examples and exercises involving algebra, data analysis, and probability.

ALGEBRA II* (Full Year) 02056
Prerequisite: Algebra I

GRADES 9-12

Students will study families of functions, including linear, quadratic, exponential, logarithmic, radical, and rational functions. They will learn to represent them in multiple ways: as verbal descriptions, equations, tables, and graphs. They will also learn to model real world situations using functions in order to solve problems arising from those situations. It is recommended that students have their own graphing calculator.

TRIGONOMETRY and ASSORTED TOPICS* (Full Year) 02103**GRADES 10-12****Prerequisite: Algebra II**

Students will study the definition and use of trigonometric and inverse trigonometric functions. Additional topics that will be studied include degree and radian measures of angles, trigonometric identities, and trigonometric equations. It is recommended that students have their own graphing calculator.

PRECALCULUS* (Full Year) 02110**GRADES 10-12****Prerequisite: Algebra II**

Students will be preparing for entry into a college level Calculus I course. The course will review and further explore many topics of high school mathematics in an effort to reinforce a conceptual understanding of the material. Topics covered include complex numbers, exponential and logarithmic functions, rational expressions and polynomials. An overview of trigonometry is included in the first semester and the concept of limit and derivative will be introduced near the end of the course. Problem solving will be emphasized throughout.

MANAGEMENT/MARKETING “Falcons’ Nest” (Semester)**GRADES 11-12**

Management/Marketing is a general business class. Students will be responsible for all duties associated with operating the school store which will include product selection and promotion, advertisement, inventory maintenance, product pricing, teamwork and sales. The traditional coursework will introduce the following topics as units (Marketing, Economics, Ethics, Sales, Promotion, Distribution, Pricing, Management, Finance, Entrepreneurship, and Career Development) with the culminating experience being the development and communication of a professional business plan.

*4th year math related course if taken senior year

MATHEMATICS OF ACCOUNTING (Semester) 12104**GRADE 12**

Students will participate in planned learning experiences that develop initial and basic skills used in systematically computing, classifying, recording, verifying, and maintaining numerical data involved in financial and product control records including the paying and receiving of money. Instruction includes information on keeping financial records, summarizing them for convenient interpretation, and analyzing them to provide assistance to management for decision-making. Accounting is a skill-level course that is of value to all students pursuing a strong background in business, marketing, and management. Accounting computer applications will be integrated throughout the course where applicable. In addition to stressing basic fundamentals and terminology of Accounting, instruction will provide initial understanding of the preparation of budgets and financial reports, operation of related business machines and equipment, and career opportunities in the accounting field. Practical accounting problems with business papers will emphasize actual business records management.

*4th year math related course if taken senior year

PERSONAL FINANCE (Semester) 22210**GRADE 12**

Students will research all aspects of personal finance including: budgeting and cash flow, paying taxes, investing in stocks and bonds, use of credit and debit cards, obtaining loans, financing your car, planning a trip, purchasing life/health insurance, renting or buying a house. This course focuses on the mathematics needed by consumers.

*4th year math related course if taken senior year

AP COMPUTER SCIENCE PRINCIPLES (Full Year) 10019

GRADES 10-12

Prerequisite: Algebra I and/or teacher recommendation

AP Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles prepares students for college and career. It is designed with the goal of creating leaders in computer science fields and attracting and engaging all students with essential computing tools and multidisciplinary opportunities. The “Big Ideas” in the course include: creativity, abstraction, data and information, algorithms, programming, the internet, and global impact.

SCIENCE

All Science Courses satisfy all six Career Pathways unless noted.

PHYSICAL SCIENCE* (Full Year) 03159

GRADE 9

In this course, students will develop an understanding of the major topics of chemistry and physics; including forces and motion, energy associated with heat, electromagnetic systems, light and sound and energy transformations, matter, changes in matter, energy transfer and conservation. Through a variety of laboratory experiences, students acquire the skills of inquiry and apply their understanding of scientific concepts.

HONORS PHYSICAL SCIENCE* (Full Year) 03159

GRADE 9

Prerequisite: Teacher Recommendation

This course provides a lab approach to the study of the nature of matter. Students perform experiments designed to enhance their understanding of characteristic properties, compounds, elements and atoms. The course content is similar to that of Physical Science, but covers the topics mentioned in greater depth. The honors course also covers electricity, heat pressure, forces and vectors, wave motion and forms of energy.

BIOLOGY* (Full Year) 03051

GRADE 10

Prerequisite: Physical Science

In this course, students identify the unique properties of living systems as they relate to cells and organic molecules. Students examine ecosystems and their characteristics. Students explain the process of genetic reproduction and how traits are inherited. Students define evolution and examine factors that influence population growth and decline. Students describe how different species of plants, animals and microorganisms that live today are related. Students participate in labs that reinforce the biological concepts learned.

HONORS BIOLOGY* (Full Year) 03051

GRADE 10

Prerequisite: Honors Physical Science and/or teacher recommendation

This is a College Prep Biology course designed for the student who plans on taking advanced science content in high school or is interested in a Science related career. This course content is similar to that of Biology, but covers the topics in greater depth.

EARTH SCIENCE* (Semester) 03001

GRADE 11

Prerequisite: Biology

This one semester course investigates Earth and its unique placement in the solar system. In this course, students will take an in-depth look at Earth’s materials, changes of Earth’s surface and interior, and the forces that cause these changes. As well as explore the changes of Earth’s surface through the theory of plate tectonics, interaction between Earth’s weather and climate, and Earth’s unique placement in the solar system and the surrounding galaxies.

ENVIRONMENTAL SCIENCE* (Semester) 03003

GRADE 11

Prerequisite: Biology

In this course, students explore the interdisciplinary nature of environmental science and how it integrates the topics of geology, chemistry, biology, physics, geography, and human sustainability. Students investigate the interrelationships of the natural world, analyze environmental problems and examine alternative solutions for resolving these problems. Students participate in activities including lectures, discussion, experimentation, laboratory bench work, and field study.

CHEMISTRY* (Full Year) 03101

GRADES 11-12

Prerequisite: Physical Science, Algebra II strongly recommended (may be taken concurrently)

Sophomores with science teacher approval.

This is a College Prep Chemistry course focusing on the structure and behavior of matter. Topics include: atomic theory, periodic table, bonding energy, problem solving, measurements, chemical reactions, gas laws, equilibrium, solutions and acids and bases. Laboratory work is intended to help develop and support topic areas. A large part of the course requires a comprehensive understanding of Algebra

PHYSICS* (Full Year) 03151

GRADES 11-12

Prerequisite: Physical Science and Algebra II. Recommended: Trigonometry (may be taken concurrently)

This is a college prep laboratory Physics course, dealing with the study of matter, energy, and motion. It is concerned with such concepts as mechanics (moving bodies), static (non-moving bodies), energy forms (such as heat, light, sound, atomic and matter), and their effects. Students will conduct several projects during the year. This course is considered necessary for all students who plan to take engineering, electronics, or physical science in college.

*4th year math related course if taken senior year

ANATOMY AND PHYSIOLOGY* (Full Year) 03053

GRADES 11-12

Prerequisite: Biology

This course helps prepare students for further study in human and veterinary medicine, nursing, physical and occupational therapy, dentistry, biotechnology and related fields at the college level. The structure and function of cells, tissues, organs and systems of the human body are closely examined. Multiple dissections will be correlated with the study of human anatomy. Students conduct clinical and physiological laboratory studies in addition to anatomical studies.

(Career Pathways: Health Services)

ANIMAL BIOLOGY* (Semester) 03061, even year

GRADES 11-12

This class examines the diversity of the animal kingdom focusing on the major groups of the invertebrates and vertebrates. Morphology, physiology, life history, and evolutionary context will be examined. The lab includes dissections to examine physical differences across the major phyla.

(Career Pathways: Health Services)

FORENSIC SCIENCE* (Semester) 03108, odd year

GRADES 11-12

Prerequisite: Biology and teacher recommendation

Students will learn how to collect, process, and analyze evidence from scenarios that closely resemble authentic problems encountered by forensic scientists. Scientifically based investigations will include problems related to crime scene management and analysis, fingerprint evidence, ballistics, DNA, hair, fiber, handwriting analysis, skeletal evidence, and impressions from footprints and tires in addition to other relevant topics. Students will learn how to document their findings in a manner appropriate for presentation within the legal system as they prepare laboratory reports. Students will be required to use technology for research and presentations.

(Career Pathway: Health Services)

CONSERVATION AND ECOLOGY I* (Semester) 18504

GRADES 11-12

This course is a study of the interrelationships of organisms with their environments. There will be a focus on the appreciation of our environment and understanding the factors that influence the environment. Students will participate in various activities related to the environment and continuing to enhance the natural area on school grounds. Students must be self-motivated, self-directed, and willing to participate in outdoor activities.

(Career Pathways: Human Services; Natural Resources & Agriscience)

CONSERVATION AND ECOLOGY II* (Semester) 18505

GRADES 11-12

This course examines a general study of topics related to natural resource principles and topics with a focus on the Great Lakes region. Students will explore the factors that make Michigan a unique environment. Students must be self-motivated, self-directed, and willing to participate in outdoor activities.

(Career Pathways: Human Services; Natural Resources & Agriscience)

SOCIAL STUDIES

All Social Studies Courses satisfy all six Career Pathways unless noted.

U.S. HISTORY AND GEOGRAPHY* (Full Year) 04101

GRADE 9

This required course is designed to prepare all students to demonstrate mastery of the State of Michigan core content in U.S History and Geography. Course content includes: an in depth study of the period from the Civil War through World War II. Topics include the history, economic conditions, geography and culture impacting historical events throughout this period.

ECONOMICS* (Semester) 04201

GRADE 10

This required course will enable the student to understand basic economics and its impact on personal, local and world events. Topics include consumer prices, interest rates, the economy and income taxes.

CIVICS* (Semester) 04161

GRADE 10

Civics provides students with the knowledge and skills necessary for them to become active participants in the political process. The course will focus on the historical antecedents to our American system as well as the basic principles and practices of Federalism. The three branches of the federal government will be covered as well.

WORLD HISTORY AND GEOGRAPHY* (Full Year) 04052

GRADE 11

This required course is designed to prepare all students to demonstrate mastery of the State of Michigan core content in World History and Geography. Course content includes: an in depth study of world events to construct a common memory of the development of civilization. The course focuses on the period of expanding and intensified hemispheric interactions (circa 300 C.E.) and continues to the present. Students study world history through several lenses: global, interregional, and regional. Students study human governance systems, patterns of interactions among societies and regions, and patterns of cultural, intellectual, religious, and social changes. They analyze the impact of demographic, technological, environmental, political, and economic changes on people, their culture, and their environment. The integration of historical thinking skills and historical understandings throughout this course equips students to analyze issues and problems confronting citizens today.

COLD WAR* (Semester) 04065, odd year

GRADES 10-12

This course looks at the immediate breakdown of the United States and Soviet relations after the war. Each country began looking at each other with fear and suspicion. Topics covered include The Cuban Missile Crisis, Sputnik, U2 Incident, Vietnam and Korea, The 1972 Olympic basketball game, 1980 Olympic hockey, The Berlin Wall, The Warsaw Pact, The Iron Curtain, Two different “Red Scares”, and so much more.

HISTORY OF THE SOUTH* (Semester) 04109, odd year

GRADES 9-12

This course examines the history of the American South from early seventeenth century to the outbreak of the civil war. Origins and characteristics of slavery and slave culture; divisions in free white southern society; pro slavery thought; impact of the cotton industry; the growth of southern nationalism; southern code of honor (dueling).

RIGHTS AND RESPONSIBILITIES* (Semester) 04165, even year

GRADES 10-12

This class will help students understand their duties and rights as Citizens of the United States. Students will become familiar with legal terminology and how the law affects our daily lives. This class will also analyze the impact of past, present, and future court cases on their lives. This analysis will give the student a historical perspective on the development of our laws and legal system, allowing them to analyze the current state of our legal system and make predictions about future issues.

PSYCHOLOGY* (Semester) 04254, even year

GRADES 11-12

Psychology is the study of behavior and mental processes. Course topics include theories on personality development and intelligence, the causes of mental illness and treatment, the role of dreams, psychic phenomena and the altered mental state. Discussion as well as writing assignments will be a part of this course.

SOCIOLOGY* (Semester) 04258, even year

GRADES 11-12

Sociology is the study and function of groups in society and how they interact and effect individual behavior. Topics of study include adolescent socialization, nonconformity, the family, and current social problems. These topics will be examined through class discussion, action, and research. Upon completion of this course, the student will have a better understanding of group interaction and his/her role within society.

HISTORY OF SPORTS IN AMERICA (Semester) 04999, odd year

GRADES 9-12

Did you know at one time bare knuckled fighting and rowing were two of America’s favorite sports? Take this class to find out even more. For example, may college presidents wanted to ban football from campuses across the United States as being too dangerous. In this class we will look at former great athletes, great moments in sports, and improbable performances in American sports.

(Career Pathways: Health Sciences; Human Services)

SPORTS IN AMERICAN CULTURE (Semester) 04999, odd year

GRADES 9-12

Imagine life in America without Super Bowl Sunday, March Madness, The Olympics, and so much more. How did Magic Johnson and Larry Bird save the NBA? How did Alabama coach Paul “Bear” Bryant help integrate colleges in America? How did Title IX for women’s equality in sports have a positive effect on college football? What has television revenue changed sports and the infamous reserve clause?

Find the answers to these questions and so much more as we look at something that is exclusively American through the eyes of the TV camera, writings, projects, video, news stories, and the history of the people who were there.

(Career Pathways: Health Sciences; Human Services)

INDUSTRIAL TECHNOLOGY DEPARTMENT

Career Pathway: Engineering/Manufacturing & Industrial Technology

Special Considerations:

- 1) *Safety regulations dictate that all students in the Industrial Technology activities requiring the use of tools and machines wear safety glasses and sometimes special head and foot protective clothing.*
- 2) *It is common in Industrial Technology classes for students to work on personal projects. In these situations, students are responsible for fees and material costs of the projects*

WOOD TECHNOLOGY I (Semester) 17006

GRADES 9-12

This beginning class introduces the student to woodworking and technology education through the construction of several projects of varying difficulty. Problem solving and teamwork are featured and good work and safety habits are emphasized. **(Project Fee)**

*4th year math related course if taken senior year

*VPA course

WOOD TECHNOLOGY II (Semester) 17006

GRADES 9-12

Prerequisite: Wood Technology I

Wood Technology II is an intermediate level course in woodworking. Different from Wood Technology I where students built individual projects, this course will follow a mass production method. A single project will be decided upon and then the class will work together to produce as many items as individuals are able to sell. Based upon how well students do on craftsmanship and with salesmanship, they may even have the opportunity to earn a portion of the profits for themselves! And all while learning valuable skills in mass production. **(Project Fee)**

*4th year math related course if taken senior year

*VPA course

WOOD TECHNOLOGY III (Semester) 17006

GRADES 10-12

Prerequisite: Wood Technology II or permission of instructor

Wood Technology III is designed as an advanced level class that further develops the student’s knowledge and skills through the design and construction of individual projects. New and specific techniques will be emphasized. In depth use of hand and power tools as well as effective safety practices are stressed. Students will be expected to enter a project for completion in the annual MITES Conference. **(Project Fee)**

*4th year math related course if taken senior year

*VPA course

WOOD TECHNOLOGY IV (Semester) 17006

GRADES 10-12

Prerequisite: Wood Technology III or permission of instructor

Wood Technology IV takes what has been learned through the first three semesters and uses that to take the next step in woodworking. All projects will be designed by students with plans drawn up by the student. Each step along the way will be documented to accompany the final project. Students will be expected to take their project to competition at the annual MITES Conference at the end of the school year. Students in Woods IV will be pushed to not settle for the ordinary; but to work towards true craftsmanship. **(Project Fee)**

*4th year math related course if taken senior year

*VPA course

HOME MAINTENANCE (Semester) 17010

GRADES 9-12

This course provides students with knowledge and skills related to devices and systems found in the home. Students will learn about and practice electrical wiring, plumbing, and wall and floor installation and repair.

*4th year math related course if taken senior year

*VPA course

BEGINNING DRAFTING (Semester) 21102

GRADES 9-12

This basic drafting course covers the principles of mechanical drawing. For anyone who things they could be interested in a career in any type of engineering, architecture, manufacturing, or construction, this course is an introduction to the drawings you will work with.

*4th year math related course if taken senior year

*VPA course

ARCHITECTURAL DRAWING (Semester) 21103

GRADES 9-12

Prerequisite: Beginning Drafting

Students will experience an exploratory course in residential architecture and its many facets. The class will begin with blueprint reading and sketching, advancing into drawing full working layouts of residential homes. Students will cover floor plans, space considerations, details, sections and more.

*4th year math related course if taken senior year

*VPA course

ADVANCED MECHANICAL DRAWING (Semester) 21106

GRADES 9-12

Prerequisite: Beginning Drafting

Students in this course will explore the different types of engineering and manufacturing through design, and technical drawing. The class will pick-up with board drawing and advance to beginning AutoCAD. Students will cover sectioning, auxiliary views, three dimensional rendering, and more. At different points, students will experiment with the construction of different components.

*4th year math related course if taken senior year

*VPA course

ART

All Art Courses satisfy Career Pathways in Arts & Communications; Human Services.

ART I (Semester) 05156

GRADES 9-12

Art I is an introduction to art and design and a prerequisite to advanced art study. It will provide students with a solid foundation in composition and art creation. Focus will be on the Elements of Art (line, shape, form, color, value, texture, space) and Principles of Design (rhythm, emphasis, contrast, unity, balance, pattern, movement). The course also introduces various art procedures, structures, theories, and art appreciation from different movements in history. Students will learn various art mediums and techniques in primarily 2-dimensional content.

Requirements include: (a) keeping a sketchbook of ideas, notes and vocabulary; (b) completing art projects in class; (c) critiques; and (d) a final exam project.

*VPA course

ART II (Semester) 05155**GRADES 9-12****Prerequisite: Successful completion of Art I**

This is a studio art course in which students will begin strengthening skills and techniques from Art I, with an increased emphasis placed on individual student development. Projects will be themed-based and work beyond the basic knowledge of Elements and Principles. Art II will provide experiences that will enable each student to develop his/her individual abilities in drawing, design, painting, printmaking, collage, and mixed-media techniques. Increased involvement in student art shows and opportunities to create public art displays including murals will also be included.

Requirements include: (a) keeping a sketchbook of ideas, notes, and vocabulary; (b) completing art projects in class; (c) group critiques; (d) a final exam project; (e) participating in putting together student art exhibitions, including entries into contests and exhibitions at the local and state level.

*VPA course

EXPLORING ART MEDIUMS (Semester) 05154, odd year**GRADES 10-12**

For the student interested in art study, but who desires to try new mediums, techniques, and processes to create art beyond painting and drawing. Areas of study would include computer art, video-making, animation, graphic design, and group installation projects (sculpture and other work installed on the school grounds).

Collaborative projects will be emphasized, and focus will be on the power of art to affect change and communicate messages. Students will also research careers in the realm of art, and apply creative thinking skills to professional endeavors beyond high school.

Requirements include: (a) documenting all progress and projects through a blog; (b) completing both individual and collaborative art projects in class; (c) group critiques.

*VPA course

SCULPTURE (Semester) 05158, even year**GRADES 10-12**

This introductory studio art course will introduce the Elements of Art and Principles of Design in three-dimensional forms. Students will utilize different additive and subtractive techniques in a variety of media, such as construction, assemblage, carving, modeling and casting. Units of study may include, but are not limited to, functional and non-functional 3-dimensional forms and sculpture. Students will engage in learning experiences that encompass art history, art criticism, art aesthetics, and production. Emphasis is on developing craftsmanship and creativity while demonstrating basic skills in design and construction.

Requirements include: (a) keeping a sketchbook of ideas, notes and vocabulary; (b) critiques; (c) completing projects in class; and (d) a semester-long altered book project.

*VPA course

DIGITAL PHOTOGRAPHY (Semester) 05167**GRADES 10-12**

This course is designed for students who are interested in learning the fundamentals of digital photography and computer generated graphics. As a project-oriented course, students will be required to use both computer-based and photographic mediums as a tool for artistic expression and visual communication. Students will study the basic elements of photography – including camera operations, pictorial composition, lighting, and display – and the technical aspects of digital imaging, typography, and graphic design layout. Emphasis will be placed upon the Elements of Art and Principles of Design as they relate to photography. The history of photography and digital media will also be taught.

Requirements include: (a) documenting progress and projects on a class blog; (b) completing photography assignments outside of class; (c) completing projects in class; and (d) a final exam project.

*VPA course

MUSIC

All Music Courses satisfy Career Pathways in Arts & Communications; Human Services.

SYMPHONIC MARCHING BAND (First Semester) 05103 GRADES 9-12

The Symphonic Marching Band is open to students who have satisfactorily participated in Middle School Band. This group will appear at all home football games as well as selected parades, concerts, etc. After Marching Season, this group will prepare for concert season and a holiday performance. A wide variety of music will be studied giving the student a broad base to further musical experience. **ATTENDANCE IS REQUIRED AT ALL FUNCTIONS**, including football games, concerts, extra rehearsals, band camp, etc.

*VPA course

CONCERT BAND (Second Semester) 05102 GRADES 9-12 **Prerequisite: Symphonic/Marching Band I**

Concert Band is a continuation of /Marching Band I as the student will continue to build on the skills and techniques learned first semester. The Concert Band will strive for excellence in performance and will participate and prepare for band festival and several concerts during the spring. **ATTENDANCE IS REQUIRED AT ALL FUNCTIONS**, including band festival, concerts, graduation, etc.

*VPA course

SYMPHONIC BAND (Second Semester) 05103 GRADES 10-12 **Prerequisite: Symphonic/Marching Band I**

The Symphonic Band will be the premier-performing group at Lakeville in instrumental music. Admission is only with the director's permission and may involve an audition. This group is designed for the student who is motivated to practice and who wants to be challenged, as an advanced level of literature will be explored. The student will be required to take responsibility for learning his/her part outside of class as rehearsal time will be devoted to ensemble techniques as opposed to individual assistance. Students will be strongly encouraged to participate in Solo/Ensemble festival. **ATTENDANCE IS REQUIRED AT ALL FUNCTIONS**, including band festival, concerts, graduation, etc.

*VPA course

CONCERT CHOIR (Full Year or Semester) 05110 GRADES 9-12

Students gain experience in the fundamentals of choral singing, tone, style and musicianship. Various styles of music will be studied. Students will gain knowledge in music theory, sight singing, dictation, and ear training. Quizzes and tests are included in this class. Students will also be asked to perform individually so that progress can be monitored. **ATTENDANCE AT ALL CONCERTS AND AFTER SCHOOL REHEARSALS WILL BE REQUIRED.** Opportunities will be given to enter district and state vocal competitions.

*VPA course

VARSITY CHORALE (Full Year or Semester) 05110 GRADES 10-12 **Prerequisite: Audition with instructor**

This is a smaller performance group that is designed for the student who has a strong grasp of basic music theory, sight singing, dictation, ear training and who has had previous experience in a choir. Students will be challenged with advanced levels of music theory and a variety of advanced choral literatures. Quizzes and tests will be given. Grades will also reflect individual performances. Beyond the required rehearsals and concerts many opportunities for numerous activities will be offered. Students will be expected to participate in these. **ATTENDANCE IS REQUIRED FOR ALL CONCERTS AND AFTER SCHOOL REHEARSALS.**

*VPA course

HISTORY OF THE BEATLES (Semester) 05118B, odd year GRADES 9-12

The course will explore the career of the Beatles, their music, and how it all relates to Western Civilization history. We will start after WWII with the emergence of Rock & Roll, Skiffle, and other pop music forms. We will discuss the great move to suburbia, greater disposable income, and increased teenage boredom and anxiety.

Additional topics are how the Beatles came about through their early life, early career, their eventual rise to European stardom, and eventual musical world domination. The evolution of Beatles' music through the two stages of their performing career, how their attitudes, clothing, and group dynamic affected the other arts, and the rest of the Western World.

The class will analyze and describe the changes made by the ensemble after the release of "Rubber Soul" and into the recording of "Sgt. Pepper," "The White Album", "Revolver" and others.

*VPA course

MUSIC NOW AND THEN (Semester) 05118A, even year GRADES 9-12

This course is designed to give those students interested, a better understanding of where current musicians and musical groups gained their influence and inspiration. This will be done through studying current musicians and controversies in the music industry in relation to their historical influences and how pop music has evolved. This will be done through listening, studying, writing and presenting on these various artists and topics. Students will be required to take notes and complete all assignments given by the instructor.

*VPA course

PHYSICAL EDUCATION AND HEALTH

Career Pathways: Health Sciences; Human Services

PHYSICAL EDUCATION (Semester) 08001 GRADES 9-12

Physical Education emphasizes introductory sports, recreational games, and developing athletic skills. Daily physical fitness is stressed with periodic assessments conducted throughout each marking period. It is recommended that all freshmen take this course in sequence with the Michigan Merit Curriculum required Health class.

HEALTH (Semester) 08051 GRADES 9-12

The course provided students with current, detailed, and practical information on health issues that affect our daily lives. The following critical health content areas are addressed: nutrition, physical activity, alcohol, tobacco and other drugs, safety, social and emotional health, personal health and wellness, HIV prevention and sexual education.

ATHLETIC FITNESS AND TRAINING (Semester) 08005 GRADES 10-12

Prerequisites: Physical Education and participation in one or more sports at Lakeville High School

This course will be a one semester course which focuses on sport specific skills and agility training, physical fitness, CPR/AED training (optional CPR certification paid for by student) and officiating rules and techniques.

Throughout this course, students will develop and maintain sport specific agility/cardio/physical training. Three weeks will be devoted to learning and implementing the proper cardiac emergency response training with optional CPR certification, and three weeks will focus on learning basic officiating techniques. Course is

designed to implement intense trainings in order to enhance our students' athletic careers while in high school. This course includes rigorous physical fitness training and skill development.

Ongoing assessment includes both written and performance based skill evaluation.

ASSORTED HEALTH TOPICS (Semester) 08099, even year GRADES 11-12

This course provides students with knowledge about the physical, mental, emotional, and social growth and development of children from conception to pre-school age. This course helps students prepare for parenthood by examining the various stages of childhood. Course content includes topics such as prenatal and birth processes; responsibilities and difficulties of parenthood; fundamentals of children's emotional and physical development; and the appropriate care of infants, toddlers, and young children.

ADDITIONAL OFFERINGS/GENNET COURSES

ABNORMAL PSYCHOLOGY* (Semester) 04255 GRADES 11-12
Prerequisite: Psychology

This course involves the study of abnormal behavior, including major theories, concepts of psychopathy, and methods of classification. The course is designed to give the student a better understanding of the causes of severe personality and behavior disorders and suggested methods of treatment and control.

(Career Pathways: all six)

AP CALCULUS AB* (Full Year) 02124 GRADES 11-12
Prerequisite: PreCalculus

(Career Pathways: all six)

AMERICAN SIGN LANGUAGE I* (Full Year) 06801A GRADES 10-12
Prerequisite: The ability to pay attention, stay on task and good organizational skills.

This year-long course, which is equivalent to two semesters of college level foreign language, will introduce students to American Sign Language and the culture of the people who utilize this language in and out of the Deaf community. Emphasis will be placed on ASL grammar, vocabulary, finger spelling, and facial expression. Strategies for learning ASL will also be introduced. Class may not fulfill the language requirement for college entrance.

(Career Pathways: all six)

CHILD DEVELOPMENT (Semester) 19052 GRADES 11-12

This is an introductory course in child development that begins with theories of child development than traces physical, social, personality, and cognitive development from pregnancy to adolescence.

(Career Pathways: Health Sciences, Human Services)

METEOROLOGY* (Semester) 03006 GRADES 10-12
Prerequisite: Successful completion of 9th grade Science

This course describes the large-scale circulation systems of the tropical atmosphere and analyses the dynamics of such systems. Topics include: Radiative-convective equilibrium, the Hadley and walker circulation, monsoons, tropical boundary layers, theory of the response of the tropical atmosphere to localized sea-surface temperature anomalies, intraseasonal oscillations, equatorial waves, El Nino/Southern Oscillation, easterly waves, and tropical cyclones.

(Career Pathways: National Resources & Agriscience)

Genesee Career Institute (GCI)

(Formerly known as Skill Center)

The GCI provides career-technical training for 11th and 12th grades who wish to explore career opportunities and develop specific job skills. Approximately 40 different career-technical courses are taught at the GCI (see listing below). Detailed course descriptions are available in the Lakeville Memorial High School Counseling office or by visiting <http://www.geneseeisd.org/index.aspx?NID=669> for more information.

Enrollment in GCI courses is limited, therefore, students interested in attending are asked to complete an application during the second semester of their sophomore and/or junior year(s). Applications are available in the Lakeville Memorial High School Counseling office for completion and return by the advertised deadline.

Students accepted into the GCI programs will spend approximately 2 hours per day at the center receiving instruction and hands-on experiences for which they will earn three (3) credits per year. The time spent at the GCI is part of the student's regular school day.

The High School Placement Committee consisting of the High School Principal, counselors, Special Education Consultant (where applicable), and any other pertinent staff members will meet, evaluate and prioritize each application. All student applications must be prioritized within the program and session for which they are applying.

Expectations:

- Student's academic record is up to grade level with academic credits.
- Student's attendance record is satisfactory based on attendance policy.
- Student's discipline record is satisfactory based on discipline policy.
- Student's career interest and academic performance is appropriate for the program being requested.
- Students must obey the GCI's policies, including the current attendance policy. Suspension from one facility will be effective for both facilities.
- GCI and district calendars do not always match. During the school calendar year, our GCI busses will run on all days that GCI is in operation and those days count as regular attendance days. However, when school is cancelled due to inclement weather, the busses will not run to GCI. On occasion, it may be necessary for the student to provide his/her own transportation to and from Lakeville Memorial High School.
- Students are responsible for any missed assignments.
- With Restructured Scheduling and other scheduling arrangements, there are conflicts in the schedule that may require a student to "hold" in a study area. **All of the school rules apply to this study time.**
- Student field trips and driving provisions are outlined in the current Student Handbook.
- Graduation and credit waivers are possible if a student completes a two-year career technical program. See specifics as noted in the current Course Description Booklet.
- GCI grades are based on a "grade-to-date 5-week period". Your GCI grade is determined by your GCI instructor, sent to Lakeville and will appear on your report card (if grading weeks align) and on your transcript. If grading weeks do not align, GCI has agreed to mail the student's report card at the 5-week interval.
- Students have an opportunity to earn academic credit in the areas of Mathematics, English, Science, Visual Performing Arts, and World Languages that apply to Michigan Merit Curriculum graduation requirements as noted. Currently 29 of the programs qualify for a four year Math credit, 4 qualify for English credit, 6 qualify for Science credit, 21 qualify for Visual Performing Arts credit and 1 qualifies for 2nd year World Language credit.
- Students who are participating in a qualified program will have the opportunity to sign a contract to receive the above mentioned academic credit. GCI will make the final recommendation as to whether the student has

met the requirement to earn either the Math or English credit. These credits are only available for programs where GCI has received approval to grant MMC credit.

*Many GCI programs have articulation agreements with local colleges (Mott, Baker and UM-Flint) allowing students to earn college credit for the work completed at GCI upon enrollment in an approved program at the college or university.

GCI Courses

<p>Agriscience -Agriculture, Food and Natural Resources; * -Veterinary Medicine; *</p> <p>Architecture & Construction -Construction Trades; * -Electrical Wiring; *</p> <p>Arts, Audio/Video, Technology, & Communications -Digital Media Arts (DMA); * -Visual Digital Communications (VDC); *</p> <p>Education and Training -Teach, Lead, Coach (TLC); *</p> <p>Finance -Risk Management; *</p> <p>Government & Public Administration -Junior Reserve Officer Training Corps (ROTC); * enlistment is <u>not</u> required</p> <p>Health Science -Allied Health Professionals* -Certified Nursing Assistant (CNA)* -Emergency Medical Concepts (EMC) -Emergency Medical Technician (EMT)* -Forensic Science; * -Medical Assistant; * -Medical Career Foundations -Nursing* -Sports Medicine</p>	<p>Hospitality and Tourism -Culinary Essentials; *</p> <p>Human Services -Cosmetology; *</p> <p>Information Technology -Computer Hardware Technician -Computer Hardware Networking and Support* -Cyber Security -Introduction to 3D Game Programming -Web Design Programming and Animation</p> <p>Law, Public Safety, Corrections and Security -Public Safety and Homeland Security; *</p> <p>Manufacturing -Computer Numerical Control (CNC) Machining -Welding; *</p> <p>Marketing -Virtual Enterprises International (VEI) Entrepreneur; *</p> <p>Science, Technology, Engineering and Math (STEM) -Computer Aided Design (CAD); * -Discover E – Engineering; *</p> <p>Transportation, Distribution and Logistics -Automotive Technology; * -Medium/Heavy Duty Technician (Diesel Mechanics); *</p> <p>*- Advanced Studies indicates 2nd year courses</p>
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LAKEVILLE MEMORIAL HIGH SCHOOL

STUDENT REQUEST FOR ASSESSMENT IN LIEU OF COURSE
("Testing Out")

Date of Request _____ Counselor _____

Student's Name _____ Student # _____

Address _____ Phone # _____

Parent/Guardian _____

Current Grade _____ Birth date _____ Sex _____

I am requesting to demonstrate mastery of the content in a course at Lakeville Memorial High School. I understand that this assessment may include not only an examination but also written reports, presentations, projects, a portfolio, labs, and/or other appropriate forms of assessment required within the course. I understand that I cannot earn credit toward graduation through the assessment, and I cannot subsequently request individual assessment for a prior course in the sequence or enroll in a lower course sequence in the same subject area.

Course(s) for which I am requesting the option of "Testing Out"

Course Title(s)

Student Signature

Parent/Guardian Signature

OFFICE USE ONLY

This request is rejected due to the following:

_____ The student has previously tested out of a higher course in this sequence.

_____ The student has submitted the request for a non-eligible course.

_____ The application was not submitted within the acceptable timeline.

_____ Other (specify) _____

_____ The request is approved and referred to _____

Course Instructor

Administrator's Signature

Date

LakeVille High School
Online Course Request/Contract 2017-2018
Deadline for Online Course Requests for the 2017-18 School Year: June 15th 2017

Student Name	Student Grade Level	Student Phone Number	Date
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Online Course Desired:

Course Title: _____ Student's e-mail Address _____

Graduation Requirement: Yes/No Semester: _____

Have you taken an online class in the past? Yes/No

If yes, what class? _____ What grade did you receive? _____

Reason for request:

Eligible students will be allowed to take up to two online courses per academic term. In order to be eligible, students must 1) select the course from the gennet.us course catalog, 2) follow all procedures outlined in this form, and 3) meet all criteria listed in the "Eligibility Checklist" at the end of this form. Michigan law dictates that these are the criteria schools must use for online course eligibility.

If a student is NOT granted approval to take an online course by LakeVille High School, he/she may immediately submit an appeal to the superintendent of the Genesee Intermediate School District.

The **student and parent** should initial next to each statement below to indicate understanding of the process, responsibilities, and rules for taking online courses.

- ____ ____ I understand that LakeVille High School will not provide students with a computer or internet connection for online courses. Students taking online courses will have the same access to school technology as do all other students in their building. No additional time or space will be provided by the school for work on this course. Therefore, unless a student has sufficient access to technology at home, he/she should not sign up for an online course.
- ____ ____ I understand that students must meet all deadlines set by the online course provider AND the school district for completion of projects, homework, and final course completion.
- ____ ____ I understand that it is the responsibility of the student to manage his/her own time to work on the online course and complete it by the end of the semester for which the course was assigned.
- ____ ____ I understand that students will receive the grades issued to them by the online provider and that those grades will be recorded on the students' permanent transcripts.
- ____ ____ I understand that students may not be assigned to a teacher or an area in the building where they must report during the online course hour. They are however expected to be in

appropriate areas of the building, they must not disrupt classes, and they are responsible for their own behavior/time management as they will not be under the supervision of any specific adult.

CONTINUED ON REVERSE SIDE

- ____ ____ I understand that students may not drop online courses once they are enrolled in them because the cost of the course is charged to the district. If for some reason it is determined by both the student's parents and the administration that a course may be changed after drop and add period has passed parents will be expected to pay the cost of the course dropped.

- ____ ____ I understand that all students who take an online course will be assigned a mentor with whom they must check-in weekly. The function of this mentor is to help students make sure they are on track and are able to navigate their courses. This mentor is NOT going to teach the students the course material and may not be certified in the subject area of the course. The mentor is a support person only, not a teacher or tutor. All necessary interactions between teacher and student must take place between the online teacher and student. In addition to weekly check-ins, students should see their mentor when they have problems or questions about the online system or the way the online course is being run.

I have read and understand all student responsibilities, school rules, and legal procedures for taking an online course. I believe I will be successful in the online course requested on page one.

Student Signature: _____

Date: _____

I have read and understand all student responsibilities, school rules, and legal procedures for taking an online course. My child has completed the readiness rubric, and I believe he/she will be successful in an online course. I grant my child permission to take the online course requested on page one.

Parent Signature: _____

Date: _____

Parent's Ph# _____ Parent's e-mail: _____

FOR OFFICE USE ONLY:

Approved by Superintendent: _____

Eligibility Check List:	Y or N
▪ The student has passed any online class taken in the same subject area.	_____
▪ The student needs the credit for the requested course.	_____
▪ The course can generate an academic credit.	_____
▪ The course is consistent with remaining graduation requirements/career interests.	_____
▪ The student possesses the prior knowledge/skills to be successful in the course.	_____
▪ The course is of sufficient quality or rigor.	_____
Approved: _____	Denied: _____
_____	_____
Guidance Counselor's Signature	Date
Approved: _____	Denied: _____
_____	_____
Principal's Signature	Date