Southfield High School for the Arts and Technology

Course Description Catalog

Southfield Public School District

This catalog compiles course offerings, grade eligibility, and prerequisites by department.

Southfield Public Schools

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Michigan Merit Curriculum (MMC) and Southfield Public Schools Graduation Requirements

Southfield Public Schools' graduation requirements are aligned with the Michigan Merit Curriculum (MMC), which establishes the minimum academic requirements for students to earn a high school diploma in the State of Michigan.

While the Michigan Merit Curriculum establishes the state minimum requirements, Southfield Public Schools requires students to earn a minimum of 22 credits to graduate. Students must satisfy all applicable Michigan Merit Curriculum requirements as part of the district's 22-credit graduation requirement.

The Michigan Merit Curriculum includes requirements in the following areas:

Content Area	MMC Requirement
English Language Arts	**4.0 credits**
Mathematics	**4.0 credits**
Science	**3.0 credits**
Social Studies	**3.0 credits**
Physical Education and Health	**1.0 credit**
Visual, Performing, and Applied Arts	**1.0 credit**
World Language	**2.0 credits**
Online Learning Experience	**Required**

In addition to satisfying all applicable Michigan Merit Curriculum 18 credit requirements, students must complete the additional district-required credits necessary to meet Southfield Public Schools' 22-credit graduation requirement.

Students and families are encouraged to work closely with their school counselor to ensure that course selections satisfy both Michigan Merit Curriculum requirements and Southfield Public Schools graduation requirements.

Students may be eligible for modifications to certain Michigan Merit Curriculum requirements through a Personal Curriculum, as permitted by Michigan law and Southfield Public Schools procedures.

DUAL ENROLLMENT & ONLINE LEARNING

DUAL ENROLLMENT

Dual enrollment provides an opportunity for high school students with demonstrated academic potential to enroll in selected college or university courses while completing their high school graduation requirements. Currently, Southfield Public Schools has Dual Enrollment programs with Oakland Community College, Lawrence Tech University, Wayne State University and The University of Michigan-Dearborn. To be admitted to the program, students must satisfy the Dual Enrollment admission criteria. This includes the admission requirements for the selected college/university.

The purpose of the Dual Enrollment program is to supplement and enrich students educational experience by allowing them to pursue course work which otherwise would not be available to them. Admission as a dual enrolled student is a special non-degree status. Students are expected to complete all graduation requirements mandated by their high school. Although students are admitted with a special status, they are granted full privileges of the college/university, including use of the library and recreational facilities and the opportunity to purchase student tickets to cultural and athletic events. After graduation, admission to a degree program at the college/university will be granted provided the student meets the minimum admission criteria.

ON-LINE LEARNING

Southfield Public Schools provides students with multiple options for receiving academic instruction. Internet-based, or “online” courses, are available for students throughout their high school career. The school district utilizes two types of internet-based courses.

Online courses have been found to be particularly valuable for students who are college-bound and in

need of advanced or specialized coursework. However, students who seek to improve their academic performance as gifted / talented students, or students who are seeking to engage in the district's credit recovery program, can take part in online learning.

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English Language Arts

Freshman Comp./Lit

Grades: 9 | **Prerequisite:** None

The ninth grade curriculum includes reading and writing: Foundational Skills, Narratives, Argument, Informational Text, Drama, Poetry. This course is designed to integrate the five strands of literacy: Reading,Writing, Speaking, Listening, Viewing. The Freshman Composition & Literature curriculum is aligned with the Common Core State Standards which encourages reading closely to determine central ideas, interpreting words and phrases, analyzing the structure of texts, determining point of view, integrating and evaluating content presented and connecting themes across texts.

Honors- Freshman Composition & Literature

Grades: 9 | **Prerequisite:** Recommendation from middle school English teacher

The Freshman Composition & Literature curriculum is aligned with the Common Core State Standards which encourages reading closely to determine central ideas, interpreting words and phrases, analyzing the structure of texts, determing point of view, integrating and evaluating content presented and connecting themes across texts. Rhetoric and the art of argument is introduced in preparation for advanced placement

Sophomore Comp. and Lit.

Grades: 10 | **Prerequisite:** 9th grade English

The tenth grade curriculum covers the writing process, correct usage of English, and analysis of literature and non-fiction writing. This course is designed to integrate the four strands of language: speaking, listening, reading, and writing. Students will acquire language awareness as they increase comprehension and appreciation of literary forms. Students will work on becoming clear, concise, and effective writers. They will develop thinking strategies and communication skills that will help them become more proficient on standardized tests in order to become career and college ready. They will also learn and practice formal essay writing.

Honors Sophomore Comp. and Lit

Grades: 10 | **Prerequisite:** 9th grade Honors English

Honors Sophomore Comp. & Lit. has an intensified curriculum that covers the writing process, correct usage of English, and analysis of literature and non-fiction writing. This course is designed to integrate the four strands of language: speaking, listening, reading, and writing. Students will acquire language awareness as they increase comprehension and appreciation of literary forms. Students will work on becoming clearer, more concise, and effective writers. They will develop thinking strategies and communication skills that will help them become more proficient on standardized tests in order to become career and college ready. This course's intensified curriculum is preparation for entrance into either IB or AP English.

Junior Composition and Literature

Grades: 11 | **Prerequisite:** 9th and 10th grade English

This course continues the development of the writing process and the study of literature that began in the ninth and tenth grades. Juniors will explore major periods and themes in American Literature;

gaining exposure to a variety of American authors and their works is a goal for all students. The course is organized to enhance a student's appreciation of our nation's literature and of our different ethnic backgrounds. The origins and evolution of American thought and language are considered in terms of their effects, not only on their own particular time periods, but also on current issues and behavior. Students will analyze and communicate, in writing and through discussion, ideas derived from literature. Composition work will emphasize the analysis and evolution of American Literature. Students will be cognizant of the literary terminology used in novels, poetry, short stories, essays and drama. The successful completion of a research paper is one of the composition requirements of this course.

IB English - Two Year Course

Grades: 11-12 | **Prerequisite:** Honors English 10 or recommendation of 9th grade English teacher

The focus of this course is a rigorous study of multicultural literature including novels, plays, poetry, and nonfiction prose. The Language A1 program is primarily a pre-university course in literature. Students will engage in analysis of text to understand varied writer's techniques as well as to broaden their appreciation of the common human experience. The study of literature, therefore, will be seen as a study of all the complex pursuits, anxieties, joys and fears that human beings are exposed to in the daily business of living. The literary study will focus on the development of critical thinking skills and student ability to communicate individual thoughts in both written and oral formats. Students will analyze and communicate, in writing and through discussion, ideas derived from the literature. Composition work will emphasize the analysis and evolution of language. Students will be cognizant of the literary terminology used in novels, poetry, short stories, essays, and drama.

Senior Composition and Literature

Grades: 12 | **Prerequisite:** None

This course continues the development of the writing process and the study of literature begun in the ninth through eleventh grades. Seniors will explore major periods and themes in British and World Literature; gaining exposure to a variety of authors and their works is a goal for all students. The course is organized to enhance a student's appreciation of different voices and of different ethnic backgrounds. The origins and evolution of different thoughts, perspectives and language are considered in terms of their effects, not only in their own particular time periods, but also on current issues and behavior. Students will analyze and communicate, in writing and through discussion, ideas derived from literature. Composition work will emphasize the analysis and evolution of language. Students will be cognizant of the literary terminology used in novels, poetry, short stories, essays and drama.

Advanced Placement Language and Composition

Grades: 11 | **Prerequisite:** Recommendation of 10th Grade ELA Teacher

This course is designed to prepare students to communicate effectively in the 21st century. Students will explore complex topics by analyzing the rhetoric of both fiction and nonfiction texts from a variety of genres and time periods and learn how to apply what they learn to their own writing. Students will write analytical, argumentative, and narrative essays and strengthen their writing using thoughtful research, revision, editing, and rewriting. In a culminating activity, students will synthesize their knowledge to create a presentation that addresses a specific audience and utilizes a variety of media. This course will also focus on the skills necessary "to read primary and secondary sources carefully, to synthesize materials from [these texts] in their own composition, and to cite sources using conventions recommended by... the Modern Language Association (MLA)" (AP English Course Description 6).

AP English Literature and Composition

Grades: 12 | **Prerequisite:** Recommendation of 11th Grade ELA Teacher

The AP® English Literature and Composition course is designed and taught thematically with an emphasis on core readings along with modern and contemporary selections that illuminate and expand upon a variety of themes. AP English Literature and Composition closely follows the requirements described in the AP English Literature and Composition Course and Exam Description (CED), including the fundamentals of literary analysis and introductory college composition. Each week students discuss and engage in a variety of writing activities focusing on argumentation, interpretation, analysis, rhetorical strategies, exposition, structure, and style. Students read and study a variety of novels, plays, poems, and short stories from the 16th century to the present. In addition to district-approved novels, students read shorter works and drama from Perrine's Literature: Structure, Sound, & Sense. The course focuses on the experience of literature, the interpretation of literature, the evaluation of literature, and writing to develop stylistic maturity and sophistication. Students practice their writing via numerous timed essays, which are revised several times, as well as longer essays. Students also practice oral communication skills, through poetry presentations, regular classroom discussions and acting as discussion facilitators.

Grammar for College

Grades: 11-12

Analysis of Modern English structure using the methods of traditional grammar. Topics studied: parts of speech, grammatical functions, phrase, clause, and sentence types, and nominal and verbal categories. Nature and usefulness of prescriptive rules of grammar.

Introduction to Journalism

Journalism is an elective course that satisfies an academic English Elective Requirement. Students in this class will learn news media fundamentals, the role of Journalism in our society, and how high school Journalism serves its audience. Journalism students will have opportunities to create, control, and produce content for the Southfield Times News Website. Much of the course will focus on students developing and improving their writing in a variety of styles and formats. Voice, tone, syntax, vocabulary, structure, and editing techniques will be addressed. Introduction to Journalism is best approached as the process of writing and reporting news and packaging it as a product for an audience. It provides hands-on experience and activities to develop best practices in writing and editing skills. Topics Include: 1) History, Law, and Ethics 2) News Reporting 3)Write to Communicate 4) Interviewing, 5) Writing Features 6) Sports Writing 7) Online Publishing 8) Photojournalism 9)Public Relations and Advertising, 10) News Features

Creative Writing

Grades: 11-12 | **Prerequisite:** Sophomore Lit/Comp

In this elective writing class, students will learn to identify and use the elements that characterize good writing and build the competency skills that make writing clear. Students will complete a series of creative assignments and projects, which will guide them on the road to writing proficiency. ***THIS IS A WRITING INTENSIVE COURSE! Students will be expected to produce a minimum of ½ 1 page of writing on a daily basis.***

Mathematics

Algebra 1

Grades: 9-12 | **Prerequisite:** Math 8 curriculum

Algebra 1 course includes topics such as recognizing and developing patterns using tables, graphs and equations. In addition, students will explore operations on algebraic expressions and apply mathematical properties to algebraic equations. Students will solve problems using equations, graphs and tables toinvestigate linear relationships. Technology will be used to introduce and expand upon the areas of study listed above. Use of computers and calculators will be incorporated into each unit.

Geometry

Grades: 10th | **Prerequisite:** Algebra 1

The Geometry course is a comprehensive look at the study of geometric concepts including the basic elements of geometry, proofs, parallel and perpendicular lines, the coordinate plane, triangles, quadrilaterals, polygons, circles, trigonometry, congruence and similarity, surface area, volume and transformations.

Honors Geometry 9

Grades: 9 | **Prerequisite:** Recommendation of 8th grade Algebra I teacher

This is an honors geometry course designed to introduce students to the study of figures in two and three dimensions. It is based on geometric principles generated by definitions, postulates and theorems. The course provides students with the information and skills to write simple deductive proofs and understand geometric relationships. Students will apply principles to make and test conjectures. Students will gain an understanding of geometric relationships. This course integrates algebra, statistics, probability, trigonometry, discrete mathematics, and data analysis, so students can learn to master and apply geometric concepts—and to see the importance of geometry in all aspects of their daily lives. Common core standards will be incorporated throughout the year. This honors course is broader in scope than traditional geometry and designed for those students who have completed a year of algebra in the eighth or ninth grade with an A or B.

Algebra II

Grades: 11th | **Prerequisite:** Geometry

Fundamental skills of mathematics will be applied to such topics as functions, equations and inequalities, probability and statistics, logarithmic and exponential relationships, quadratic and polynomial equations, and matrices. Technology will be used to introduce and expand upon the areas of study listed above. Use of computers and graphing calculators will be incorporated into each chapte

Honors Algebra II

Grades: 10 | **Prerequisite:** Honors Algebra ll

This course emphasizes problem solving, reasoning, discovery and the use of technology. Topics covered include functions, linea equations, systems, polynomials, rational expressions, irrational and complex numbers, quadratics, exponential and logarithmic functions, and laws of exponents.

Pre Calculus

Grades: 11 & 12 | **Prerequisite:** "B" or higher in Algebra 2

This course develops advanced topics in mathematics in preparation for the calculus courses offered in high school or in college. The use of models in making connections between related ideas and real-world applications is stressed. Topics include analysis of various types of functions (linear, quadratic, rational, circular, logarithmic, and exponential), limits, solving systems of equations using a variety of methods. Students are expected to use transformations for graphing the functions mentioned above. Other topics include continuity, end behavior, maxima and minima, composition of functions, inverses, and exponential, logarithmic and trigonometric functions. Complex numbers as well as conics are also investigated. If time permits, this course concludes with work on infinite sequences and series, the sum of infinite series and an introduction to the concept of derivative. A graphing calculator is required.

Calculus

Grades: 12 | **Prerequisite:** Precal or Honors Algebra ll or Recommendation from Algebra ll teachers (algebra ll class A or B)

Calculus is a transition course to upper-division mathematics. Students will extend their experience with functions as they study the fundamental concepts of calculus: limiting behaviors, difference quotients and the derivative, Riemann sums and the definite integral, antiderivatives and indefinite integrals, and the Fundamental Theorem of Calculus. Students review and extend their knowledge of trigonometry and basic analytic geometry. Important objectives of the calculus sequence are to develop and strengthen the students' problem-solving skills and to teach them to read, write, speak, and think in the language of mathematics. In particular, students learn how to apply the tools of calculus to a variety of problem situations.

Science

Integrated Science

Grades: 9th | **Prerequisite:** None; This is the typical introductory course for 9th graders

Integrated Science focuses on the introductory study of matter. The year-long course will explore the topics of matter and energy, changes in matter, motion of objects, waves and vibrations, electricity and magnetism, and atoms, molecules, and their interactions. Students will be provided with activities, projects, and laboratory experiences. This course is typically the introductory science course for 9th grade.

Biology

Grades: 10th (or higher), 9th grade honors/recommendation only | **Prerequisite:** 9th grade: honors 9th grade section only/ 10-12th grade: completion of integrated science

Biology is a year-long course that focuses on the science of living things. This laboratory course will provide a comprehensive introduction to the basic principles which facilitate life and to the interrelationships among living things. Major topics will include cells, biochemistry, energy transformations, molecular biology, DNA, genetics, evolution, ecology, and the nature of science. Learning will be facilitated through a variety of elements including text-based and computer-based instruction, lectures, videos, hands-on work, interactive media, labs, projects, and real-world applications. This is the typical science class for most 10th grade students.

Chemistry

Grades: 11th (or higher), 10th only if successful completion of biology in 9th grade | **Prerequisite:** Traditional: Science: Passed two years of science, including C or higher in Biology OR earned B or better in 9th grade biology; ALSO Math: C or higher in Algebra Recently: This is the where most 11th graders get their third science credit

Chemistry is a year-long laboratory course which focuses the structure and properties of matter. Since matter is anything that has mass and takes up space, chemistry topics and chemistry's connections to the world around us can be endless. Sample content that will be covered in this course include energy transfer, modeling matter, chemical reactivity, trends in the periodic table, the Law of Conservation, balancing equations, stoichiometry, naming and classifying compounds, predicting chemical reactions, thermodynamics, acids and bases, and linking chemistry to life, health, and the environment. NGSS Physical and Earth Science performance expectations will be incorporated. Basic lab skills and safety will also be an integral part of this course. Students will learn science by doing science and will develop thinking skills applicable to all life experiences. Success in this format will require active student engagement.

Physics

Grades: 11th or 12th | **Prerequisite:** C or better in Chem. / B or better in Geometry and enrolled in Algebra 2 Recommended: Successful completion of Algebra 2

Physics is a year-long laboratory course. Theory and laboratory experiences are divided among the following topics: motion, force, work, energy, waves, sound, light, electricity, magnetism and atomic physics. Students will be evaluated on their performance on tests, homework, quizzes, and labs. This course is designed for the college-bound students who have a solid foundation in mathematics. Prerequisites apply.

Anatomy and Physiology

Grades: 11th or 12th | **Prerequisite:** Passed Biology and Chemistry with A or B

Human Anatomy and Physiology is a one-year introductory course covering major human body systems and structures and their interrelationships. This laboratory course is designed as a foundation for students preparing for careers in health and allied health-related fields, or for those who have an interest in learning more about the structure and function of the human body in a challenging learning environment. Learning will be facilitated through a variety of modes including text-based, computer-based, and laboratory-based instruction, lectures, interactive media, dissections, and clinical applications. Effort will be made to correlate core content with examples from each body system in recent research or related topics. In addition, students will be exposed to a foundation of medical terminology. Overall, this course will be a foundation for students who desire to pursue a career in the medical field. Recommended for students interested in careers in medicine, dentistry, veterinary science, nursing and other health-related careers. NOT recommended for students who need it to graduate, due to challenging nature of course; elective only.

Criminal Science

Grades: 11th or 12th only | **Prerequisite:** Completed at least 2 full years of high school science and be a junior or senior (Due to subject matter, this class is not offered to underclassmen)

Criminal Science, also known as forensics, is the study of the scientific foundations and techniques involved with the investigation of crime. In this semester-long course, students will develop introductory skills in the field of forensic science and learn how these methods are applied to criminal investigations. Topics will be drawn from the following: history of forensic science, evidence types, crime scene documentation and evidence collection, fingerprinting, hair and fiber analysis, document analysis, blood spatter analysis, forensic anthropology, and forensic entomology (insects). Instruction in this laboratory course will include hands-on experiences as well as reading, writing, lectures, videos, interactive instruction, individual research projects, cooperative assignments, discussions, homework, quizzes/tests, lab skill mastery, and presentations. Skill development in critical thinking, use of evidence over opinion, and constructing a logical, evidence-based argument will be emphasized. This is an upper level class; due to the subject matter, this class is only offered to 11th and 12th graders.

Environmental Science

Grades: 11th or 12th | **Prerequisite:** Should have completed two years of science

This one-semester course is designed to increase students' environmental literacy and awareness as well as their connection to the natural world. Students will be introduced to major ecological concepts and environmental concerns with an emphasis on empowering students to be critical consumers of information and active problem solvers. Topics will be issues-driven, including current events and historical case studies (example topics may include issues with water and air pollution, climate change, or energy use). Students will learn about technological developments which have created environmental problems as well as the technology which is helping to solve them and will have opportunities to participate in the learning direction. Skills such as analyzing resources, assessing values, defending arguments, and communicating information to others will be incorporated into the learning. Students should expect to have learning opportunities outside of the classroom: outdoor settings will be utilized as much as possible. Courses may include an action-based service learning component or participation in citizen science. Note: When offered together Conservation, Environmental Science will focus on current issues and increasing environmental literacy while conservation will focus on deeper understanding of

ecology and developing personal connections with the natural world. If both are taken, Conservation would be prioritized to take first.

Conservation

Grades: 11th or 12th | **Prerequisite:** Should have completed two years of science

This one-semester course is a deeper dive into the study of ecology and the natural world. Content will focus on a deeper understanding of major ecological concepts as well as introduce the student to environmental problems affecting the world in which we live. Sample topics include ecosystems, biogeological cycles, biodiversity, habitat loss, invasive species, and climate issues. Note: While portions of this class will feel like a typical science class – with labs, lecture and activities, this course is designed to connect the student to the natural world more deeply. Students should be aware that outdoor settings will be utilized on a regular basis. Students should be prepared to go outside and to engage fully. There may also be an action-based service learning component. Note: When offered together Conservation, Environmental Science will focus on current issues and increasing environmental literacy while conservation will focus on deeper understanding of ecology and developing personal connections with the natural world. If both are taken, Conservation would be prioritized to take first.

IB Biology YR1

Grades: 11th | **Prerequisite:** ALL: B- or better in Algebra, B- or better in Biology, and B- or better in Chemistry

This course is designed to allow students to explore such topics as: Statistical Analysis, Chemistry of life, Cell Theory, Cellular Respiration, Photosynthesis, Genetics, Ecology, Human Health and Physiology, and Microbes and biotechnology. A total of forty hours of practical laboratory work is performed in the SL IB Bio course. Thirty of these lab hours will consist of investigative, student – directed lab work. The interdisciplinary Group Four project entails ten hours of collaborative effort where students from varying IB science courses study a scientific topic of their choice and present their data. IB SL Biology students are evaluated in two manners. Students will sit for three IB formal examinations, which comprise 76% of their final grade. These examinations or papers make up the student's external assessment and are monitored by IB. The remaining 24% or internal assessment is derived from the practical investigations or laboratory work, carried out over the year of course study. Students will also sit for classroom examinations throughout the year. All study material is approached with an international focus and course instruction is student – focused and teacher directed

IB Biology YR2

Grades: 12th | **Prerequisite:** Have taken IB Bio Yr1

This course is designed to allow students to explore such topics as: Statistical Analysis, Chemistry of life, Cell Theory, Cellular Respiration, Photosynthesis, Genetics, Ecology, Human Health and Physiology, and Microbes and biotechnology. A total of forty hours of practical laboratory work is performed in the SL IB Bio course. Thirty of these lab hours will consist of investigative, student – directed lab work. The interdisciplinary Group Four project entails ten hours of collaborative effort where students from varying IB science courses study a scientific topic of their choice and present their data. IB SL Biology students are evaluated in two manners. Students will sit for three IB formal examinations, which comprise 76% of their final grade. These examinations or papers make up the student's external assessment and are monitored by IB. The remaining 24% or internal assessment is derived from the practical investigations or laboratory work, carried out over the year of course study. Students will also sit for classroom examinations throughout the year. All study material is approached with an international focus and course instruction is student – focused and teacher directed

Social Studies

United States History & Geography

Grades: 9-12

This two-semester course introduces students to the history of the United States from its emergence as a world economic and political power in the late 19th century to the present. The course divides the twentieth century chronologically into themed eras based on present issues and events focusing on why things happened (causation). Students learn to place major events of the century on a timeline and to analyze their causes and effects. Using primary and secondary sources, they explore time and place in the twentieth century. They compare conflicting accounts of the past and express informed judgments, both orally and in writing, about significant events that shaped the nation. Using a variety of media, they compile, synthesize, analyze, and present historical data. Within their historical study of twentieth century America, students deepen their understanding of major geographical themes, basic economic concepts, and the significant changes in American government. The State Content Standards and Benchmarks will be an integral part of the coursework as the students are prepared for the Michigan Merit Exam (MME).

Honors United States History & Geography

Grades: 9 | **Prerequisite:** Middle School recommendation or corresponding standardized test scores

This two-semester course introduces students to the history of the United States from its emergence as a world economic and political power in the late 19th century to the present. The course divides the twentieth century chronologically into themed eras based on present issues and events focusing on why things happened (causation). Students learn to place major events of the century on a timeline and to analyze their causes and effects. Using primary and secondary sources, they explore time and place in the twentieth century. They compare conflicting accounts of the past and express informed judgments, both orally and in writing, about significant events that shaped the nation. Using a variety of media, they compile, synthesize, analyze, and present historical data. Within their historical study of twentieth century America, students deepen their understanding of major geographical themes, basic economic concepts, and the significant changes in American government. The course would provide a logical pathway to the Social Studies Advanced Placement offerings (AP World History, AP US History, and AP US Government). The State Content Standards and Benchmarks will be an integral part of the coursework as the students are prepared for the Michigan Merit Exam (MME).

Advanced Placement United States History

Grades: 10-12 | **Prerequisite:** Previous social studies teacher recommendation and/or C+ or better in Honors United States History

The AP U.S. History (APUSH) course focuses on the development of historical thinking skills (chronological reasoning, comparing and contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narrative) and an understanding of content learning objectives organized around seven themes, such as identity, peopling, and America in the world. In line with college and university U.S. history survey courses' increased focus on early and recent American history and decreased emphasis on other areas, the AP U.S. History course expands on the history of the Americas from 1491 to 1607 and from 1980 to the present. It also allows teachers flexibility across nine different periods of U.S. history to teach topics of their choice in depth. The course is designed to provide a comprehensive overview of U. S. History and to provide students with analytical

skills and factual knowledge to deal critically with the problems and materials in United States history. Students should learn to assess historical materials – their relevance to a given interpretive problem, their reliability and their importance – and to weigh the evidence and interpretations presented in historical scholarship. The course is a two-semester class that offers a survey of American History since the 15th century at college-level pace. Extensive reading, writing, and study skills useful in college will be emphasized. The class concludes with a college level exam in May, prepared by the College Board, which, if passed, may result in college credit.

Economics

Grades: 11-12

This semester course is designed to give the student an overview of the forces at work in a free enterprise system so they can make informed decisions. Study will focus on scarcity, factors of production, economic systems, demand, supply, types of businesses, competitive markets, consumers and savers, trade, the stock market, the role of government, and economic interdependence. Financial choices that must be considered by individuals and businesses will be emphasized. Personal finance is the culminating unit of study.

United States Government

Grades: 11-12

This semester course focuses on the structure, function, and processes of our government. This course has four goals: 1) to stimulate interest and activity in our American Government, 2) to provide essential understanding of the operation of our government, 3) to promote careful thinking about governmental problems, and 4) to encourage active participation in government. It is designed to survey the political system with emphasis on the branches of government, the bureaucracy, voting patterns and behavior, and civil liberties and civil rights.

African American History

Grades: 9-12

African American History I will examine the historical significance of African Americans from Pre-Slavery Africa to the present. Students in this semester course will develop an understanding of the causes, character and consequences of the early African American experience and its influences on the world, the United States, and the African American community. A historical, geographical, social, political, economic, and cultural understanding of the African American experience will be the focus of the course. It will also promote critical thinking about race, and other systems of difference that shape individual and group interactions, African American identity, and culture, taught through the lens of the unique cultural and political experiences of African Americans in the United States.

Psychology

Grades: 9-12

Psychology is a semester survey course designed to clarify and build an understanding of ourselves, our peers, and other important relationships in our lives. The emphasis is placed upon learning the skills and approaches necessary to study human behavior and mental processes. This includes: how we learn to be ourselves, how we store memories and experiences, how we think, how our physical being affects our mind, factors motivating our behaviors, and learning basic skills to promote healthy relationships.

Sociology

Grades: 9-12

This semester course will allow students to look at the world in a much different way than they usually would. They will be looking at the world through the eyes of someone else. Students will use critical thinking and research methods to understand society through different points of view. Some topics to be discussed include crime, deviance, social control, social inequality, gender, racial and ethnic minorities, human relationships, family, the impact of groups on the individual, and social change. Students will have an opportunity to uncover the role they place in society and the role society has in shaping their identity.

World Religions (Global Issues)

Grades: 9-12

The semester long world religion class would allow students to better understand religion in its many dimensions. In order to accomplish this feat, the study would draw from fields as diverse as anthropology, history, philosophy, literature, art history, political science, and sociology. A world religion class would encourage students to explore their core values, their conception of themselves, their artistic expressions, and their roles in life and history with regard to social traditions, and environments. Students will study the following concepts: What is religion? What do other religions believe? How does one evaluate religious claims? A religious studies class would introduce students to world religions, provide them with the theoretical tools to analyze religious concepts, and allow them to investigate different aspects of religion pertinent to their other studies. A religious studies class would help students who are interested in a future profession in a religious vocation, law, social service, international relations, and journalism among others.

Advanced Placement Human Geography

Grades: 10-12 | **Prerequisite:** Previous social studies teacher recommendation

The purpose of this year-long course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alterations of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. On successful completion of the course, students should be able to: use and think about maps and spatial data, understand and interpret the implications of associations among phenomena in places, recognize and interpret at different scales the relationships among patterns and processes, define regions and evaluate the regionalization processes, and characterize and analyze changing interconnections among places. This course has preparation for the optional Advanced Placement examination, for college credit, as one of its objectives. AP testing occurs in May.

Advanced Placement World History

Grades: 10-12 | **Prerequisite:** Previous social studies teacher recommendation and/or C+ or better in Honors United States History

The purpose of the AP World course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies across time. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills (e.g. essay writing). The course highlights the nature of changes in history and their causes and consequences, as well as comparisons among major societies. The course emphasizes

relevant factual knowledge deployed in union with leading interpretive issues (secondary sources) and types of historical evidence (primary sources). The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. Students are expected to engage themselves throughout the year and take the AP test in May.

Advanced Placement United States Government and Politics

Grades: 11-12 | **Prerequisite:** Previous social studies teacher recommendation

United States Government and Politics is an intensive study of the formal and informal structures of government and the processes of the American political system, with emphasis on policy-making and implementation. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs and ideas that constitute U.S. government and politics. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes in government and politics. Additionally, students will be able to analyze and interpret basic data relevant to U.S Government and Politics. The concepts and specific topics examined in this course are those that may appear on the AP exam. The course is a two-semester class that offers an in depth analysis of United States politics at college-level pace. Extensive reading, writing, and study skills useful in college will be emphasized. The class concludes with a college level exam in May, prepared by the College Board, which, if passed, may result in college credit.

Leadership Training (Southfield A&T Student Congress)

Grades: 9-12 | **Prerequisite:** Student Congress participation is preferred but not required

The Student Government Leadership Training Course is designed to help students develop the ability to recognize problems, plan reasonable solutions and execute plans. Students obtain experience in peer group leadership and learn how to conduct Council meetings through the proper use of parliamentary procedure. Students are encouraged to develop leadership skills while working on school and community problems and activities, including Spirit Week, elections, dances, and general development of student policies: attendance, curriculum, discipline, etc. At the community level these problems and activities include service drives and charitable activities. Students must go through an application process to be admitted to the class.

World Languages

Spanish 1

Grades: 9-12 | **Prerequisite:** None

Spanish 1 is an introductory course designed for students with little or no previous study of Spanish. This course teaches basic language patterns and vocabulary. The focus is on all four language skills: reading, writing, speaking and listening as well as the culture of the Spanish speaking world. Upon completion of this course, students will be able to comprehend elementary spoken Spanish, develop and use vocabulary for practical everyday use, speak with correct pronunciation to be understood, read, and write simple Spanish paragraphs and discuss and be sensitive to relevant aspects of Hispanic culture.

Spanish 2

Grades: 9-12 | **Prerequisite:** Spanish 1-1 and 1-2

This intermediate course is designed for students that have completed one year of high school level Spanish. Students should have a basic understanding of grammatical concepts and vocabulary. This course builds upon this knowledge and goes more in depth. Repetition and comprehensible input are important components of this course. Focus is on all four language skills listening, speaking, reading and writing. Culture is an integral part of the course and is introduced through the use of media, games, adapted readings and class discussions. In addition to written tests and quizzes, students may also be assessed by means of aural activities. Homework assignments are an integral part of this course; they reinforce concepts/skills introduced and explored in class, which enable students to participate in class in a meaningful way. Completion of homework assignments is a must. Active participation is required.

Spanish 3

Grades: 9-12 | **Prerequisite:** Spanish 2-1 and 2-2

This upper-level course is designed for students that have completed two years of high school level Spanish. Students should have a secure understanding of grammatical concepts and vocabulary. This course builds upon this knowledge and goes more in depth. Focus is on all four language skills listening, speaking, reading and writing. Culture is an integral part of the course and is introduced through the use of media, games, adapted readings and class discussions. In addition to written tests and quizzes, students may also be assessed by means of aural activities and presentations. Homework assignments are an integral part of this course; they reinforce concepts/skills introduced and explored in class, which enable students to participate in class in a meaningful way. Completion of homework assignments is a must. Active participation is required.

French 1

Grades: 9-12 | **Prerequisite:** none

French 1 is an introductory course designed for students with little or no previous study of French. This course teaches basic language patterns and vocabulary. The focus is on all four language skills: reading, writing, speaking and listening as well as the culture of the French-speaking world. Upon completion of this course, students will be able to comprehend elementary spoken French, develop and use vocabulary for practical everyday use, speak with correct pronunciation to be understood, read, and write simple French paragraphs and discuss and be sensitive to relevant aspects of Francophone culture.

French 2

Grades: 10-12 | **Prerequisite:** Grade C or higher from French 1 semester grades.

This intermediate course is designed for students that have completed one year of high school level French. Students should have a basic understanding of grammatical concepts and vocabulary. This course builds upon this knowledge and goes more in depth. Repetition and comprehensible input are important components of this course. Focus is on all four language skills listening, speaking, reading and writing. Culture is an integral part of the course and is introduced through the use of media, games, adapted readings and class discussions. In addition to written tests and quizzes, students may also be assessed by means of aural activities. Homework assignments are an integral part of this course; they reinforce concepts/skills introduced and explored in class, which enable students to participate in class in a meaningful way. Completion of homework assignments is a must. Active participation is required.

Physical Education

Lifetime Fitness (Physical Education)

Grades: 9th | **Prerequisite:** N/A

This class can consist of both a classroom and physical component. The classroom component will focus on the benefits of physical activity.Ten weeks of physical fitness will include aerobics weight lifting, stretching, Warriors Fitness Challenge which includes a fitness evaluation and successfully completing a one -mile run.

Team Sports

Grades: 10-12 | **Prerequisite:** Must complete a lifetime fitness course

This Class will focus on team sports and physical fitness. This course will include evaluation of skills, various rules and regulations, sportsmanship, participation and a continuation of the Warriors Fitness Challenge evaluation.

Advance Conditioning

Grades: 10-12 | **Prerequisite:** Must complete a lifetime fitness course

This class includes a total body approach to cardio-vascular conditioning , weight training, endurance, and flexibility

Visual Art

Art Foundations

Grades: 9-12 | **Prerequisite:** N/A

This is an introductory one semester, ½ credit class. Foundations is designed to provide a foundation that will prepare students for further advanced art courses. Emphasis is placed on understanding the Elements of Art and Principles of Art as a basis for composition and applying them as they create. Students will explore a variety of artists, art processes and materials such as color theory, drawing, painting, and printmaking and learn the purpose of art criticism. Student artwork will reflect critical thinking processes, aesthetics & cultural and historical contexts and begin to develop a “voice” as an artist.

Ceramics

Grades: 10-12 | **Prerequisite:** Art Foundations

Ceramics I is an introductory one semester, 1/2 credit class. It is designed to provide a sculptural foundation that will teach the fundamental methods of the creation of ceramic objects and to prepare students for further advanced art courses. Emphasis is placed on the use of clay as a raw material as a basis for composition as well as its applications in ceramic pyro technology. Students will explore a variety of ceramic techniques (pinch pot, coil and slab construction), artists, the history of clay, art processes and materials, and learn the purpose of art criticism. Student artwork will reflect critical thinking processes, crafsmanship, aesthetics & cultural and historcal contexts beginning to help develop a "voice" as an artist.

Drawing and Painting

Grades: 10-12 | **Prerequisite:** Art Foundations

An advanced level course that provides an opportunity for students to expand on the drawing and painting concepts introduced in Foundations class.. Emphasis is placed on experiences with design principles, drawing techniques and painting skills leading to the development of abilities that are necessary for advanced art courses. Students are given more in depth problems to solve creatively while becoming more adept through a broad exposure to various media.

Graphic Design

Grades: 10-12 | **Prerequisite:** Art Foundations

Students will learn graphic design on the industry standard Adobe Illustrator program in a state of the art brand new iMac lab. In GDI, students learn how to use all of the basic tools to create, draw and color in Illustrator. Mastery of tool usage will prepare students for taking level two GD courses.

Advanced Graphic Design

Grades: 11-12 | **Prerequisite:** Art Foundations & Graphic Design I

Students utilize the industry standard Adobe Illustrator program in a state of the art brand new iMac lab. In GDII, students will use advanced techniques to focus on specific markets to create package design, logos, artwork, posters and store branding. This course will prepare students for college or creating their own business.

Jewelry

Grades: 10-12 | **Prerequisite:** Art Foundations

Students will use drawing and design fundamentals learned in Art Foundations to learn basic metalsmithing techniques. With a strong emphasis on design, skill and safety, students will use appropriate tools and metal to create three-dimensional jewelry. In JI, students will learn design transfer, sawing, filing, sanding and finishing along with basic rivets to create wearable jewelry.

Advanced Jewelry

Grades: 11-12 | **Prerequisite:** Art Foundations & Jewelry

An advanced level course with a strong emphasis on concept/theme; students will use appropriate tools and metal to create more advanced and technically difficult jewelry pieces. In JII, students will expand learned techniques and add advanced level skills such as buffing, enameling, glass bead making, chain work, soldering and bead work to create professional level wearable jewelry pieces.

Portfolio Preparation

Grades: 11-12 | **Prerequisite:** Art Foundations, Art College Preparation (Advanced Students ONLY)

This is a year long, 1 credit, second level art course focusing on 2 or 3 dimensional media. Students will continue to explore the Elements and Principles of Art, current and past practicing artists, technique, and concept as it pertains to art making. Students will continue to develp their voice as an artist and prepare and present a "portfolio" of their work. A variety of media will be explored including but not limited to, pencil, charcoal, pastels, acrylics, watercolors, etc.

Acting 1

Grades: 9-12 | **Prerequisite:** N/A

This a semester class and students receieves .5 Fine SArts Credit. Students will focus on the Theatre Performances. students will explore improvisation, acting techniques, and reading and writing releated to theatre studies.

Acting 2

Grades: 9-12 | **Prerequisite:** Acting 1

This is a semester class. Students will study theatre appresciation, character analysis, technical aspects of theatre, roles/aspects of mounting a production and performance on the stage. Acting expereince in this course includes expolring the concepts os self, body and voice work, improvisation, acting techniques, reading and writing releated to theatre study. This course develops creativity and spontaneity in those students wanting to expolore theatre.

Play Production

Grades: 11-12 | **Prerequisite:** Acting 1/Acting 2

Students gain knowledge of all areas of theatre production, directing acting, and dramatic readings. Students will be required to participate in the Fall and Spring Plays

Performing Arts

Acting1

Grades: 9-12 | **Prerequisite:** None

Students will focus on the study of theatre performance.

Acting 2

Grades: 9-12 | **Prerequisite:** Acting 1

Students will focus on the study of theatre performance. Students will explore improvisation, acting techniques, and reading and writing related to theatre study.

Play Production

Grades: 11-12 | **Prerequisite:** Acting 1 or Acting 2

Students gain knowledge of all areas of theatre including production, directing and dramatic readings.

Women's Choir

Grades: 9-12 | **Prerequisite:** None

Women’s Choir is a 2-semester beginning female ensemble for students in any grade. No experience is required to participate in this course. This course is designed to address control and range of the developing female voice. Additional skills include reading notation, choir scores, basic theory, history, Kodaly Technique and the Curwen Technique. Music selected aligns with MSVMA High School Primary standards. This course is a prerequisite for Concert Choir. Students may take this course more than one time.

Varsity Choir

Grades: 9-12 | **Prerequisite:** None

Varsity Choir is a 2-semester beginning male ensemble for students in any grade. No experience is required to participate in this course. This course is designed to address control and range of the developing male voice. Additional skills include reading notation, choir scores, basic theory, history, Kodaly Technique and the Curwen Technique. Music selected aligns with MSVMA High School Primary levels of difficulty. This course is a prerequisite for Concert Choir. Students may take this course more than one time.

Concert Choir

Grades: 9-12 | **Prerequisite:** Varsity Choir, Women's Choir or Teacher Recommendation (for 9th Grade Students only), Permission required

Concert Choir is a 2-semester intermediate mixed large ensemble that performs a variety of musical styles. Students must have experience with reading notation and applying solfege. All students are required to match pitch and sing in parts to participate. Upcoming 9th grade students must receive a recommendation from their 8th grade vocal music teachers. Music selected aligns with MSVMA High School Primary - Intermediate levels of difficulty. Students that move from another location are required to interview with the director. Students may take this course more than one time. Students are required to take this course and earn a grade of A before advancing to Madrigal Singers.

Madrigal Singers

Grades: 11-12 | **Prerequisite:** Concert Choir for 1 year minimum, Audition Required

Madrigal Singers is a 2-semester advanced chamber ensemble that performs a variety of musical styles. Students must be successful reading notation, applying Solfege & Curwen Hand Signs. All students are required to independently sustain pitch, sing in parts and independently read music. Music selected aligns with MSVMA High School Intermediate - Advanced levels of difficulty. Students that move from another location are required to interview with the director. Students may take this course more than one time.

Intermediate/Advanced Piano

Grades: 10-12 | **Prerequisite:** Piano 1 & Piano 2 (Both Semesters) Grade B- & up, Recommendation from previous music teachers.

This is a 2-semester piano course for students with experience in Piano 1 and Piano 2. Students must receive a recommendation from their instructor in Piano 1 & 2. Students with prior experience in vocal music, Instrumental music or private lessons may interview for this course without taking Piano 1 & 2. Concepts covered include: fingering technique, writing skills, music theory, ear training, and development of solo literature tailored to meet the needs of each student. All students are groomed for public performance as soloists or in small groups. Students may repeat this course if they continue to demonstrate personal musical growth with a grade of A- and up. It is imperative that students who elect to study music after high school take this course.

Music

Beginning Piano 1

Grades: 9-12 | **Prerequisite:** None

Piano class will be an introductory performance-based class for beginning/intermediate music students. The goal and objective is to develop student's musicianship to advanced levels in the future. We will learn the fundamentals of music and explore different musical styles. The class will begin with an introduction to basic music skills. Students will develop music literacy skills by learning how to read, write, and perform musical notation. Student creativity will be encouraged. Students will be provided with a keyboard during school hours. I highly recommend renting or owning an instrument to increase the success of their performance.

Intermediate Piano 2

Grades: 9-12 | **Prerequisite:** Beginning Piano 1 with a grade of C or higher

Piano 2 is a continuation of Piano 1. The goal and objective is to develop student's musicianship to advanced levels in the future. We will learn the fundamentals of music and explore different musical styles. Students will develop music literacy skills by learning how to read, write, and perform musical notation. Student creativity will be encouraged. Students will be provided with a keyboard during school hours. I highly recommend renting or owning an instrument to increase the success of their performance.

Intermediate/Advanced Piano

Grades: 10-12 | **Prerequisite:** PIano 1 & Piano 2 (Both Semesters) Grade B- & up, Recommendation from previous music teachers.

This is a 2-semester piano course for students with experience in Piano 1 and Piano 2. Students must receive a recommendation from their instructor in Piano 1 & 2. Students with prior experience in vocal music, Instrumental music or private lessons may interview for this course without taking Piano 1 & 2. Concepts covered include: fingering technique, writing skills, music theory, ear training, and development of solo literature tailored to meet the needs of each student. All students are groomed for public performance as soloists or in small groups. Students may take this course several times as long as they continue to demonstrate personal musical growth with a grade of A- and up. It is imperative that students who elect to study music after high school take this course.

Beginning Strings / Orchestra 1

Grades: 9 -12 | **Prerequisite:** Preferably with 1 year of experience

Orchestra will be an introductory performance-based class for beginning/intermediate music students. The goal and objective is to develop student's musicianship to advanced levels in the future. We will learn the fundamentals of music and explore different musical styles through playing a string instrument (violin, viola, cello, bass). The class will begin with an introduction to basic music skills. Students will develop music literacy skills by learning how to read, write, and perform musical notation. Student creativity will be encouraged. Students will be provided with a school instrument based on availability for use during school hours. I highly recommend renting an instrument to increase the success of their performance. Rental information will be provided.

Strings / Orchestra 2

Grades: 9 - 12 | **Prerequisite:** Beginning Strings or 1 year of experience

Orchestra 2 is a continuation of Beginning Strings / Orchestra 1. The goal and objective is to develop student's musicianship to advanced levels in the future. We will learn the fundamentals of music and explore different musical styles through playing a string instrument (violin, viola, cello, bass). The class will begin with an introduction to basic music skills. Students will develop music literacy skills by learning how to read, write, and perform musical notation. Student creativity will be encouraged. Students will be provided with a school instrument based on availability for use during school hours. I highly recommend renting an instrument to increase the success of their performance. Rental information will be provided.

Concert Choir

Grades: 9-12 | **Prerequisite:** Varsity Choir, Women's Choir or Teacher Recommendation (for 9th Grade Students only), Permission required

Concert Choir is a 2-semester intermediate mixed large ensemble that performs a variety of musical styles. Students must have experience with reading notation and applying solfege. All students are required to match pitch and sing in parts to participate. Upcoming 9th grade students must receive a recommendation from their 8th grade vocal music teachers. Music selected aligns with MSVMA High School Primary - Intermediate levels of difficulty. Students that move from another location are required to interview with the director. Students may take this course more than one time. Students are required to take this course and earn a grade of A before advancing to Madrigal Singers.

Varsity Choir

Grades: 9-12 | **Prerequisite:** None

Varsity Choir is a 2-semester beginning male ensemble for students in any grade. No experience is required to participate in this course. This course is designed to address control and range of the developing male voice. Additional skills include reading notation, choir scores, basic theory, history, Kodaly Technique and the Curwen Technique. Music selected aligns with MSVMA High School Primary levels of difficulty. This course is a prerequisite for Concert Choir. Students may take this course more than one time.

Women's Choir

Grades: 9-12 | **Prerequisite:** None

Women's Choir is a 2-semester beginning female ensemble for students in any grade. No experience is required to participate in this course. This course is designed to address control and range of the developing female voice. Additional skills include reading notation, choir scores, basic theory, history, Kodaly Technique and the Curwen Technique. Music selected aligns with MSVMA High School Primary standards. This course is a prerequisite for Concert Choir. Students may take this course more than one time.

Madrigal Singers

Grades: 11-12 | **Prerequisite:** Concert Choir for 1 year minimum, Audition Required

Madrigal Singers is a 2-semester advanced chamber ensemble that performs a variety of musical styles. Students must be successful reading notation, applying Solfege & Curwen Hand Signs. All students are required to independently sustain pitch, sing in parts and independently read music. Music selected

aligns with MSVMA High School Intermediate - Advanced levels of difficulty. Students that move from another location are required to interview with the director. Students may take this course more than one time.

Concert Band

Grades: 9-12 | **Prerequisite:** Must attend after-school rehearsals and performances

The Concert/Symphonic Band consists of students who are familiar with the fundamentals of reading and playing on a musical instrument. Students will perform music at the easy to medium-difficult level and will include both new and old compositions from the wind band repertoire, in addition to continue developing fundamental music elements to help strengthen students' musical abilities in a performance setting. Focal points for this ensemble will include the following: proper instrument techniques, proper fingerings / slide positions for each instrument, development of quality tone production and performance range, basic music theory, playing in major and minor scales, and possibly performing in modes, all the while gaining a strong understanding of performing as an ensemble. Playing exams will be conducted during each grading period to include excerpts from the music being performed in class and scales.

Intro to Guitar 1

Grades: 9-12 | **Prerequisite:** None

Guitar I is a performance-based techniques course offering introductory experience in, and opportunity for development and improvement of fundamental skills in guitar. Topics covered include: 🎬 Basic guitar playing technique 🎬 Tuning, basic instrument care, and basic maintenance 🎬 Learning note names on the guitar fretboard and how to find them 🎬 Reading music notes, rests, music symbols, and guitar tablature from the printed page 🎬 Reading melodies, chords, and scales 🎬 Identifying different music forms, structures, and styles 🎬 Performing a mixture of different song styles (Including traditional, pop, rock, folk, and blues) as a soloist, with a partner, and as a group

Guitar 2

Grades: 9-12 | **Prerequisite:** Successful completion of Guitar 1 or recommendation

Guitar 2 is a performance-based technique course aimed at further students' ability to read, perform and respond to music literature.In addition to continuing to learning the topics covered in Guitar 2, students will learn how to compose and arrange music.

Piano 1

Grades: 9-12 | **Prerequisite:** None

Piano 1 is an introductory performance-based class for beginning/intermediate music students. The goal and objective is to develop student's musicianship to advanced levels in the future. We will learn the fundamentals of music and explore different musical styles. The class will begin with an introduction to basic music skills. Students will develop music literacy skills by learning how to read, write, and perform musical notation. Student creativity will be encouraged.

Piano 2

Grades: 9-12 | **Prerequisite:** Successful completion of Piano 1 or recommendation

Piano 2 is a continuation of Piano 1. The goal and objective is to develop student's musicianship to advanced levels in the future. We will learn the fundamentals of music and explore different musical styles. Students will develop music literacy skills by learning how to read, write, and perform musical notation. Student creativity will be encouraged. This course aims to prepare students for enrollment into intermediate/advance piano courses.

Symphonic Band

Grades: 9-12 | **Prerequisite:** Must attend after-school rehearsals and performances

The Concert/Symphonic Band consists of students who are familiar with the fundamentals of reading and playing on a musical instrument. Students will perform music at the easy to medium-difficult level and will include both new and old compositions from the wind band repertoire, in addition to continue developing fundamental music elements to help strengthen students' musical abilities in a performance setting. Focal points for this ensemble will include the following: proper instrument techniques, proper fingerings / slide positions for each instrument, development of quality tone production and performance range, basic music theory, playing in major and minor scales, and possibly performing in modes, all the while gaining a strong understanding of performing as an ensemble. Playing exams will be conducted during each grading period to include excerpts from the music being performed in class and scales.

Dance

Dance One

Grades: 9-12 | **Prerequisite:** None

This course is for students with little or limited dance experience. The class will cover various strands of dance with the emphasis placed on the fundamental basics of technique. At the end of the semester, Dance One students will have achieved correct body placement and alignment. They will have built muscle strength, flexibility, basic knowledge of how the body works, how to take care of their body, and basic psychology with a focus on mental health. Students will also gain self-discipline and artistic expression. Dance One fulfills the mandatory .5 gym credit or .5 Fine Arts credit. Winter and/or Spring dance recital is mandatory and graded. Students will be required to purchase mandatory dance attire and dance recital costume.

Dance Two

Grades: 9-12 | **Prerequisite:** Dance One or Instructor approval

This course is for dancers with previous dance training. It is ideal for the dancer who is interested in a progressive training program in dance and has already satisfactorily completed Dance One or meets the prerequisite standard as determined by the instructor. The primary function of the technique class, at the intermediate level, is to be a workshop of technical abilities and performance skills in preparation for the stage. All dancers are required to attend all performances. Dance Two fulfills the mandatory .5 gym credit or .5 Fine Arts credit. Winter and/or Spring dance recital is mandatory and graded. Students will be required to purchase mandatory dance attire and dance recital costume.

Advanced Dance (Junior Company)

Grades: 9-12 | **Prerequisite:** Dance Two or Instructor approval

This course is a continuation of Dance 2, adding an emphasis on performance and creativity. This class is ideal for the dancer who is interested in a progressive training program with a focus on learning advanced jumps, turns and creating choreography for the stage. You must have satisfactorily completed Dance 2 or met the prerequisite standard as determined by the instructor. Winter and/or Spring dance recital is mandatory and graded. Students will be required to purchase mandatory dance attire and dance recital costume. Advanced Dance fulfills the mandatory .5 Fine Arts credit.

Senior Dance Company

Grades: 9-12 | **Prerequisite:** Students must audition or instructor approval

This performance class will aspire you to become more than a dancer. You will become not only a performer, but also a choreographer who enjoys the challenges of creating works that are unique and complex. Your creativity as a choreographer will be a major part of your Dance Company experience. All Company members are required to create choreography for the winter and spring concerts. All music and ideas must be submitted to Ms. Schinke for approval. All dancers are required to attend all performances. Winter and/or Spring dance recital is mandatory and graded. Students will be required to purchase mandatory dance attire and dance recital costume. Dance Company fulfills the mandatory .5 Fine Arts credit.

Career & Technical Education (CTE)

Firefighter Academy/Basic EMT 1 & 2

Grades: 11-12 | **Prerequisite:** Completed application and teacher recommendation.

The A&T Fire Academy launched during the 2022-23 school year with its first cohort of students! This state-approved CTE program is a two-year, block-scheduled commitment. Students must apply with through Southfield Fire Department Captain Denham and obtain a teacher recommendation. During the first year, students will learn the essential skills for careers in public safety, including communicating and team building, navigating challenges, and solving problems. Second year students will focus on EMT - Emergency Medical Technician - training. Successful students will earn the Firefighter 1 and 2, Medical First Responder, and Basic EMT certifications.**Completing the two-year Fire Academy program with a 2.0 or better allows for a Science, World Language, Visual/Performing Arts, 4th Year Math OR Online Learning 1.0 Exchange Credit.

Introduction to Marketing 1 & 2

Grades: 10-12 | **Prerequisite:** N/A

This state-approved, year-long CTE program allows students to develop business skills by studying the marketing process and its impact on a free enterprise society. Through concepts and principles of marketing, students will learn how businesses connect with customers and develop, promote, and distribute products in order to satisfy customers' needs and wants. Real world business experiences will help students with the mastery of Common Core Standards, which focus on technical reading and writing. Students also enhance decision-making skills by completing marketing projects, simulations, and case studies. Marketing students are encouraged to participate in Business Professionals of America (BPA). **Completing the Marketing program with a 2.0 or better allows for a Science, World Language, Visual/Performing Arts, 4th Year Math OR Online Learning 1.0 Exchange Credit.

Store Operations 1 & 2

Grades: 11 -12 | **Prerequisite:** "C" grade or higher in Introduction to Marketing, Business Management & Technology or Culinary Arts

This course provides students with an overview of retail store operations and small business management through hands on training and analysis of the way retailing works. The course allows students to explore topics related to workplace readiness, marketing, and management (including procedures for initiating, operating and managing a small business/retail operation), and to discover the various resources available to persons interested in small businesses. In this course, students learn that retailing is a significant and vital component of the United States economy and is quickly becoming an integral part of the global economy.

Cisco 1 & 2

Grades: 10-12 | **Prerequisite:** N/A

In this state-approved, year-long Computer Networking CTE program, Southfield High School A&T utilizes the popular CCNA - Cisco Certified Network Associate - Discovery curriculum. Courses comprise four semesters (CCNA 1-4) and are designed to address a changing marketplace and respond to input from administrators, instructors, and participants. The CCNA Discovery materials provide participants with up-to-date, exciting material that reflects the Cisco Networking Academy's increased focus on providing

students the skills necessary to pursue and/or advance their IT networking careers in a competitive global marketplace. Students will focus on: the design, implementation, and management of linked systems of computers; peripherals and associated software; systems design and analysis; networking theory and solutions; types of networks, network management, and control; network and flow optimization; and security, configuration, and troubleshooting. **Completing the two-year CISCO program with a 2.0 or better allows for a Science, World Language, Visual/Performing Arts, 4th Year Math OR Online Learning 1.0 Exchange Credit.

Internship/Externship (Co-op)

Grades: 12 | **Prerequisite:** "C" grade or higher in any CTE Course, completion of a CTE program (full-year) such as Business Management, Finance, Marketing, Culinary, TV/Radio

This course provides students an introductory opportunity to explore their interests, abilities and career options. Students are placed in on-campus or community work sites. Classroom topics include developing a resume, finding a job opening, completing job applications, successful interviewing, groomng, communication and positive attitude skills, managing money, and other life skills.

Engineering Technology 1 & 2

Grades: 9-12 | **Prerequisite:** none

Engineering Technology is a one-year, career-focused education program where students will apply systems and resources of engineering related technologies. The purpose of the two semesters of courses is to apply concepts of engineering to common aspects and procedures of engineering-related technologies and energy systems.

Advanced Engineering Technology 1 & 2

Grades: 10-12 | **Prerequisite:** "C" grade or higher in Engineering Technology or Electronics/Robotics

Advanced Engineering Technology is a continuing series of two semester courses where students will apply systems and resources of engineering related technologies. Concepts of engineering will be applied to aspects and procedures of engineering-related technologies and energy systems. Students will be required to perform tasks directly related to the fields of manufacturing and engineering. All tasks will employ technological resources such as time, materials, energy, computers, machines, and tools.

Electronics Engineering/Robotics 1 & 2

Grades: 10-12 | **Prerequisite:** N/A, Ninth Hour FIRST Robotics Team and IVD Electric Vechicle Team recommended

Electronics Engineering/Robotics is one-year, career-focused education program in which students study and apply concepts of engineering and machine technology. Mobile robotics is the emphasis of study, while students work to build electronic and mechanical systems. Students are highly encouraged to join the school's FIRST Robotics team while taking this class.

Introduction Culinary arts- Hospitality

Grades: 10-12 | **Prerequisite:** CTE Culinary arts program no pre requistion please inform students this a class not recreational

This is a 1 semester course. Its designed to give students practical experience, a preview of the industry. There are two levels of the culinary course. Level one student focus on the fundamental of culinary arts.

Baking basics, food prepartion, breakfast preparation,essential cooking methods. Students learn culinary mathmatics, measurements and recipe cost,recipe conversions ,and food safety with a food handers certificate.

Culinary arts - Hospitality 1 Beginner

Grades: 10 - 12 | **Prerequisite:** CTE Culinary arts program no pre-requistion please inform students this a class not recreational

Full 2 semester course. Students get deeper practical experience in culinary arts and hospitality. They are beginner students, so the focus is basic essential skills used in the kitchen. Level 1 in the lab students learn knife skill, basic baking, poultry, meat and vegetable starch prepartion.Global cuisine, In the classroom they will learn Culinary mathmatics, food service history ect. Student will complete and recieve a serv safe allergen certification and a food handlers permit upon passing the exam. State approved pro- start curriculum for this course is used. We have an articulaion agreement with Oakland communiity college for some who want to continue their culinary education. This class will prepare students for entry level food service employment

Culinary arts-hospitality 2 Advanced

Grades: 11-12 | **Prerequisite:** Have completed a CTE Culinary arts program1 or 1 year restaurant experience.(fast food.) this class is not a recreational class

Full 2 semester course. Students get a deeper practical experience in culinary arts and hospitality. They are advanced students with a focus on being proficient in the kitchen. Students run a cafe, and serve simple menu items. Students prepare salads, sandwiches, focus oncooking a variety of items. Such as meat, poultry, vegetables, starches and poultry with basic butchering, healthy cooking as well as baking. Student will plan and execute buffets for special events. State standards are used as well as with the pro-start curriculum for this course. Culinary mathmatics, students will complete and recieve a serv safe manger food safety certicicate and a servsafe allergen certificate. We have an articulaion agreement with Oakland communiity college for students looking to further their culinary education. Students can participate in skills USA, American culinary federation sanctioned competitions and pro start competitions.This class will prepare students for entry level food service employment

Intro to Computer Science Principles

Gwendolyn Denham - AP Computer Science Principles???

Business Management Technology 1 & 2

Grades: 10-12 | **Prerequisite:** N/A

This full-year, state-approved CTE program provides students with the knowledge and skills in business management, economies, personal finance, and private enterprise systems that impact: (1) Business in the Global Economy; (2) Business Organization and Management; (3) Business Operations; and (4) Personal Financial Management. Students will also reinforce, apply, and transfer their academic knowledge and skills to a variety of relevant and interesting projects, activities, and business simulations. All assignments must be digital/electronic. Work-based learning (WBL) activities are incorporated into the courses as a means of giving students the opportunity to learn a variety of skills by expanding the walls of classroom to include industry and community. WBL provides students with hands-on career development experiences. Students learn to work in teams, solve problems, and meet employers' expectations. WBL includes student participation in field trips, Business Professionals of America (BPA),

and National Business Honor Society (NBHS). **Completing the Business Management program with a 2.0 or better allows for a Science, World Language, Visual/Performing Arts, 4th Year Math OR Online Learning 1.0 Exchange Credit.

Business Finance 1 & 2

Grades: 10-12 | **Prerequisite:** N/A

This full-year, state-approved CTE program provides students with an understanging of generally accepted accounting principles. Students will learn debit, credit, asset, liability, and equity concepts, as well as learn about the different formats of income and expenditure statements. Applying cost-volume-profit analysis and contribution-margin analysis in business operations will also be discussed. Students will have the opportunity to receive college credit and test for and earn industry-recognized certifications. Work-based learning activities are incorporated as an opportunity to expand the classroom into the business world. Finance students will be highly encouraged to participate in Business Professionals of America (BPA). **Completing the Finance program with a 2.0 or better allows for a Science, World Language, Visual/Performing Arts, 4th Year Math OR Online Learning 1.0 Exchange Credit.

Microsoft Imagine Academy 1 & 2

Grades: 10-12 | **Prerequisite:** Business Management & Technology 1 & 2 Preferred

In this full-year series of courses, students learn Microsoft Office applications, including Word, Excel, and PowerPoint. No prior computer experience is assumed or necessary. The courses begin with an overview of essential computer-user concepts and the Windows operating system, and are supported by daily keyboard practice. There are units and projects integrating all three MOS applications together. Additionally, the courses include learning Microsoft Outlook and/or web applications. All students will have practice and testing opportunities to earn industry Microsoft Certifications, which enhance job prospects and income. The courses are also designed to help students successfully demonstrate electronic presentations, spreadsheets, desktop publishing, web design, and data base skills. Students in the courses are highly encouraged to participate in Business Professionals of America (BPA).

TV Production 1 & 2

Grades: 10-12 | **Prerequisite:** N/A

This full-year, state-approved CTE program provides students with an introducation to television broadcast and production and careers. Mass media and its effect on society, pre- and post-production, ethics, current and emerging technologies, and writing for broadcast journalism are all concepts presented in the program. Utilizing the on-campus TV studio, students will receive hands-on training with state-of-the-art equipment. Students will be responsible for creating and producing morning announcements for the high school, as well as other original programming. **Completing the TV Production program with a 2.0 or better allows for a Science, World Language, Visual/Performing Arts, 4th Year Math OR Online Learning 1.0 Exchange Credit.

Radio Production 1 & 2

Grades: 10-12 | **Prerequisite:** N/A

The full-year, state-approved Radio Production program gives students an introduction to the world of radio broadcasting and careers. Mass media and its effect on society, pre- and post-production, ethics, current and emerging technologies, and writing for broadcast journalism are all concepts presented in

the program. Students will create projects and productions using state-of-the-art technology, some of which may be showcased on WSHJ 88.3 FM and submitted to state and national award contests. Students will also learn about producing radio shows and sports broadcasts, in addition to FCC rules and regulations. **Completing the Radio Production program with a 2.0 or better allows for a Science, World Language, Visual/Performing Arts, 4th Year Math OR Online Learning 1.0 Exchange Credit.

Support Services

School to Work Program/Course

Grades: 11-12 | **Prerequisite:** IEP, Parental Consent, Interview

This course/program is a partnership with MRS. This 8-10 week program addresses self-awareness, employer expectations, job seeking and retention skills. Students will practice soft skills and employability tasks culminating in an offer for competitive employment to take place during spring break and summer break .

Algebra 1

Grades: 9th | **Prerequisite:** IEP with math goals

This course is designed for students who have math goals and objectives on their most updated IEP. It is designed to teach the students all of the concepts of Algebra 1 that is covered in the general education setting, but at a pace that is conducive to the learning styles of the students. Students also work on specific goals and objectives to meet what is on the most current IEP. This class is held within the resource room setting and has a lower classroom count of students.

Pre-Algebra (Basic math)

Grades: 9-12 | **Prerequisite:** N/A

This course is centered around learning and practicing basic mathematical operations (additon, subtraction, division, mulitiplication). It also address simple fractions and problem solving. The basic skills the students acquire are used to learn about daily living, budgeting, shopping and overall independence.

Pre-Vocation

Grades: 9-12 | **Prerequisite:** N/A

This course offers students the skills necessary for obtaining gainful employment, such as resume writing, filling out applications, reading a pay stub, appropriate work habits, time managment skills etc. Students will complete various career interest sueveys as well as research requirements for various careers during the career exploration process.

Social Studies (Economics/History)

Grades: 9-12 | **Prerequisite:** N/A

Economics-This course teaches the basics of identifying and counting money as well as money management. It also addressing household budgeting for groceries, clothing, pets, bills, travel etc. It also introduces the basics of economics (goods, services, needs and wants) History- This course offers the student the opportunity to explore the origin of the ideas and core democratic values expressed in the Declaration of Independence, the Constitution, and other foundational documents of the United States. Particular emphasis is placed on the purposes of the federal government and how citizens organize to accomplish these purposes.

Jr. Composition Literature

Grades: 11th | **Prerequisite:** None

91105 JUNIOR COMPOSITION AND LITERATURE Grade 11 This course will continue the development of the writing process and the study of literature. Students will explore major periods and themes in American Literature. Gaining exposure to a variety of American authors and their works is a goal for all students. Students will analyze and communicate, in writing and through discussion, ideas derived from literature. Composition work will emphasize the analysis and evolution of American Literature. Students will be cognizant of the literary terminology used in novels, poetry, short stories, essays, and drama.

Sr. Composition and Literature

Grades: 12th | **Prerequisite:** None

Grade 12 This course will prepare students with essential reading and writing skills needed for career and college development. Students will learn to write effective sentences, structured paragraphs, short themes, critical literary analysis, essays, and a research paper. This course concentrates on the integration of reading and writing. The literary focus is on complex literary and informational texts and media. Students will engage in extensive vocabulary and grammar study, as well as the application of reading strategies.

Algebra 2/Trigonometry

Grades: 11th | **Prerequisite:** Algebra 1-1,1-2 Geometry 1-1,1-2

This course will build on the foundation of Algebra 1 concepts. Students will develop a deeper understanding of equations, factoring, graphing and understanding formulas while building into the beginning concepts of trigonometry. This course will strengthen student's current level of mathematics while revisiting and practicing with rigor to form a strong mathematics foundation.

Consumers Mathematics

Grades: 12th | **Prerequisite:** None

This course will build on the foundation of everyday mathematics concepts. Students will develop a deeper understanding of mathematics in real life everyday situations. This course will strengthen student's current level of mathematics while revisiting and practicing with rigor to form a strong mathematics foundation.

Technology Assisted Instruction (TAI)

Grades: 9-12 | **Prerequisite:** IEP

This course is designed to provide students with academic support in all core academic areas. This support can be on an individual basis or in a small group setting with the ultimate goal being increased understanding of content material and improved grades. This course will also provide instruction in study skills and organizational skills.

English as a Second Language

Academic skills

Grades: 9-12 | **Prerequisite:** WIDA Screener

This class helps English learners to be successful in their high school classes. Students work on individual assignments that they bring from their classes. The class provides individualized tutorial assistance. This class will help with the language proficiency while assisting students with their assignments from core subjects. The class will also help students access needed information. Students will learn vital skills that will be used throughout their career in how to time management, learning how to take notes, organization and prepare for tests.

ESL 1

Grades: 9-12 | **Prerequisite:** WIDA Screener

The ESL Level 1 course is an introduction to the English language and American culture. It is intended for high school students who have not yet studied English and for those students scoring 1-2 on the WIDA Screener. The goal of this course is to develop academic language and empower language learners to become valued contributors within their learning communities. In this course, students begin to communicate in English by reading, writing, listening, and speaking about their school routines, healthy lifestyles, American cultural activities, and personal goals. The focus of this course is to support the development and use of academic English in the content areas of English Language Arts (ELA), mathematics, science, and social studies. The ESL Level 1 course is aligned to the WIDA Standards. The WIDA Standards are based on multiple theories and approaches that describe language use in academic contexts; this is the language that English learners (ELs) must acquire and negotiate to participate successfully in school. These multiple theories and approaches form a theoretical foundation that supports the WIDA standards framework.

ESL 2

Grades: 9-12 | **Prerequisite:** WIDA Screener

The ESL Level 2 course builds upon the introductory Level 1 course by developing a strong foundation in the English language and American culture. It is intended for high school students who have a beginning level of proficiency in English and for those students scoring 2-3 on the WIDA ACCESS PLACEMENT TEST (W-APT) or WIDA ACCESS for ELLs. The goal of this course is to develop academic language and empower language learners to become valued contributors within their learning communities. In this yearlong course, students communicate in English by reading, writing, listening, and speaking about making choices, character development, poetry, and figurative language. The focus of this course is to support the development and use of academic English in the content area of English Language Arts (ELA) for Grade 9 and may be used to grant English credit. The ESL Level 1 course is aligned to the WIDA Standards. The WIDA Standards are based on multiple theories and approaches that describe language use in academic contexts; this is the language that English learners (ELs) must acquire and negotiate to participate successfully in school. These multiple theories and approaches form a theoretical foundation that supports the WIDA standards framework.

ESL 3

Grades: 9-12 | **Prerequisite:** WIDA Screener

The ESL Level 3 course builds upon Level 2 course by developing a strong foundation in the English language and American culture. It is intended for high school students who have a beginning level of proficiency in English and for those students scoring 2-4 on the WIDA ACCESS PLACEMENT TEST (W-APT) or WIDA ACCESS for ELLs. The goal of this course is to develop academic language and empower language learners to become valued contributors within their learning communities. In this yearlong course, students communicate in English by reading, writing, listening, and speaking about making choices, character development, poetry, drama, informational, and figurative language. The focus of this course is to support the development and use of academic English in the content area of English Language Arts (ELA) may be used to grant English credit

ESL 4

Grades: 9-12 | **Prerequisite:** WIDA Screener

The ESL Level 4 course builds upon Level 4 course by developing a strong foundation in the English language and American culture. It is intended for high school students who have a beginning level of proficiency in English and for those students scoring 2-4 on the WIDA ACCESS PLACEMENT TEST (W-APT) or WIDA ACCESS for ELLs. The goal of this course is to develop academic language and empower language learners to become valued contributors within their learning communities. In this yearlong course, students communicate in English by reading, writing, listening, and speaking about making choices, character development, poetry, drama, informational, and figurative language. The focus of this course is to support the development and use of academic English in the content area of English Language Arts (ELA) may be used to grant English credit

ESL U.S. History

Grades: 9-12 | **Prerequisite:** WIDA Screener

The focus of this full year course in United States history and Geography: will examine the chronology of the formation of the pre and post Civil War Industrial age to the present day. Beginning with a review of prior political intellectual, and demographic transformations that shaped the nation, students learn about major political, philosophical, and historical underpinnings of our government. Throughout the course, students analyze how ideas of freedom and equality have shaped our collective past and explore implications for the future. Adopting a chronological approach, students analyze their causes and effects of events in the nation's past. They use primary and secondary sources to explore time and place: Within their historical study students deepen their understanding of major geographical themes, economic principles and significant concepts in the United States. (Oakland Schools) This course is also an ESL U.S. History course we will focus on developing English reading writing, speaking and listening skills in the context of the course objectives. Content and language objectives will be in line with district curriculum framework and WIDA English Language Development Standards.

ESL World History

Grades: 9-12 | **Prerequisite:** WIDA Screener

This full year course introduces students to the study of world history in order to construct a common memory of where humankind has been and what accounts for present circumstances. Beginning with early human civilizations we survey world history through the modern contemporary world. Within each historical era, students work at three interconnected spatial scales to study world history through several lenses: global, interregional, and regional. Because the course is also an ESL class we will focus on developing English reading, writing, speaking, and listening skills in the context of the course objectives.

Daily content and language objectives will be communicated in line with district curriculum framework and WIDA English Language Development Standards.