



**JACKSON HIGH  
SCHOOL  
COURSE GUIDE  
2025-26**

**“A TRADITION OF EXCELLENCE”**

Dear Jackson High School Parents and Students:

Students of Jackson High School are provided a plethora of opportunities to enrich their high school experience. This year is no exception! From the world of academics, to vocational, athletic and club options to their avail, students attending Jackson High School have endless possibilities to explore their interests and passions. The education of our young people is a shared responsibility with our parents and our community. Providing our students the opportunity to learn and develop socially and emotionally, while holding them accountable for their personal choices is essential to their development into young adults.

Our curriculum guide is designed for the following:

- Provision of information that is relevant and assists in educating our students as it relates to proper course selection

Please consider our guide a reference tool. It provides information that is both important and relevant. Educating our students is a collaborative effort. We, at Jackson High School, are appreciative for the support and efforts from our parents and our community. We anticipate a great year at Jackson High School, continuing to offer opportunities that provide for college and career readiness.

Sincerely,

*Monica Pierce*

Jackson High School – Principal for Instruction

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## GRADUATION REQUIREMENTS

Graduation Requirements	# of Credits
Computer Literacy	1 credit
Electives	See Below
English	4 years (12 credits)
Math	4 years (10 credits)
Physical Education	1 year (2 credits) Basic PE/Health
Science	3 years (6 credits)
Social Science	3 years (6 credits)
World Language	2 years (4 credits)
VPAA	1 year (2 credits)
SAT Exam	Yes
Personal Finance* (Class of 2028 only)	1/2 year (1 credit)
<b>Total Credits Required for Graduation</b>	60 (Class of 2026) 64 (2027 & beyond)

### REQUIRED CREDITS IN GRADES 9-12

**NOTE: Graduation requirements at JHS will meet or exceed the Michigan Merit Curriculum guidelines.**

**ENGLISH (4 Years)**

Required courses include: English 9, English 10, English 11, and English 12.

**MATHEMATICS (4 Years)**

Required courses include: Algebra I, Geometry, and Algebra II courses are required, in addition to a senior Math experience (multiple course options are available to fulfill the senior Math experience).

**SOCIAL STUDIES (3 years)**

Required courses include: US History/Geography, World History/Geography, Government, and Economics.

**SCIENCE (3 years)**

Required courses include: Biology, Chemistry, and one additional year in Science (multiple course options are available to fulfill the 3rd year requirement).

**HEALTH AND PHYSICAL EDUCATION (1 year)**

Required courses include: Health and Basic PE (district approved extra-curricular activity or participation in approved physical activity may be substituted for Basic PE credit)

**VISUAL/PERFORMING/APPLIED ARTS (VPAA) (1 year)**

Multiple courses meet the Visual/Performing/Applied Arts requirement. Refer to each individual department chart for the "VPAA" code.

**WORLD LANGUAGES (2 years)**

Required courses included: 2 years in the same language (Recommended). May substitute 1 World Language credit (year) with a MDE-approved CTE program (JACC) or by completing an additional visual or performing arts course.

**COMPUTER LITERACY (½ year)**

Multiple courses meet the Computer Literacy, which includes an online learning component. Refer to the department charts and look for courses with a "CL" code.

**PERSONAL FINANCE (½ year)**

Students in the class of 2028 and beyond are required to take a personal finance course. Recommended junior or senior year.

The department charts on the following pages indicate what requirement(s) are met after passing the course. Code interpretations are as followed:

- MMC - Michigan Merit Curriculum
- NCAA - National Collegiate Athletic Association
- CL - Computer Literacy
- VPAA - Visual/Performing/Applied Arts
- SME - Senior Math Experience

ART DEPARTMENT					
Course #	Course Name	Credits	Grade Level	Prerequisite(s)	Meets
4780	Introduction to Art	1	9-12	None	VPAA
4782	Drawing I	1	9-12	None	VPAA
4783	Painting I	1	9-12	None	VPAA
<b>ADVANCED COURSES (requires prerequisite)</b>					
4785	Ceramics I	1	10-12	Intro to Art, Drawing I, or Painting I	VPAA
4796	Ceramics II	1	11-12	Ceramics I	VPAA
4792	Drawing II	1	11-12	Drawing I	VPAA
4798	Painting II	1	11-12	Painting I	VPAA
4787	Printmaking	1	10-12	Intro to Art, Drawing I, or Painting I	VPAA
4786	Sculpture	1	10-12	Intro to Art, Drawing I, or Painting I	VPAA
4862	AP Art "2D, 3D, and Art History"	3	11-12	Drawing I AND two additional advanced art courses	VPAA

## **INTRODUCTION TO ART**

Grade: 9, 10, 11, 12

### **Prerequisite: None**

Introduction to Art is constructed to provide a foundation for advanced courses and satisfies the ART GRADUATION REQUIREMENT. Emphasis is placed on understanding the Elements of Art and Principles of Design as a basis for composition, creativity and problem solving. Students will explore a variety of artists, art processes and materials such as drawing, painting, sculpture, two & three-dimensional design, and digital art. Student artwork will reflect aesthetics & cultural and historical contexts. Willingness to get involved in the creative process is a more important requirement than the student's talent or previous experience. Students must pass this class to move to the next level.

## **DRAWING I**

Grade: 9, 10, 11, 12

### **Prerequisite: None**

This studio course is a one trimester elective offered to students who have a desire to learn more about the fundamental skills of drawing. The course is highly recommended for the student who plans to take AP Art, other art electives and those who plan to pursue any visual art pathway. Emphasis is placed on experiences with design principles, drawing techniques and 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.

## **PAINTING I**

Grade: 9, 10, 11, 12

### **Prerequisite: None**

This course is appropriate for students who have successfully completed Drawing 1. This course provides the foundation of painting, its application, and materials. It may focus on the color theory and the processes of wet-into-wet, dry-brush paint application, masking, and alla prima. Working from direct observation, students develop an understanding of composition and paint manipulation. Solid drawing skills are recommended for success in this course.

## **ADVANCED ART COURSE ELECTIVES**

### **CERAMICS I**

Grade: 10, 11, 12

#### **Prerequisite: Intro to Art, Drawing I, or Painting I**

This elective will teach the fundamental methods of forming clay into a 3-dimensional art form. The basic techniques for hand building (pinch pot, slab construction, and coil construction) will be demonstrated. Emphasis will be placed on craftsmanship, creativity, and application of the elements and principles of design. Definitions of materials and ceramic processes will be presented and researched.

### **CERAMICS II**

Grade: 11, 12

#### **Prerequisite: Ceramics I**

Studio work in Ceramics 2 focuses on improving technique and skill level. Projects may include use of the potter's wheel, press molds, slabs, and coils to further students' knowledge of the ceramic medium and the principles of three-dimensional design. Advanced surface design methods will also be explored. Students may learn how to load and fire kilns and are expected to recycle clay. Projects incorporate both functional and sculptural clay work.

### **DRAWING II**

Grade: 10, 11, 12

#### **Prerequisite: Drawing I**

In Drawing 2, Students develop their drawing skills further with value, shading skills and potentially more studio work. Students build upon the basic skills acquired in the first semester of Drawing. Materials may include pencil, charcoal, ink and pastel. This course is of great value to any student who may consider a major in art. The students further develop their design skills and work towards a more individualized and expressive direction in their artwork.

### **PAINTING II**

Grade: 11, 12

#### **Prerequisite: Painting I**

Students in Painting 2 further their knowledge and skill in art through various painting techniques. Students continue to build upon the skills acquired in Drawing 1 and Painting 1. Subject matter includes still-life, people, and landscapes. Materials include acrylic and watercolor paint.

### **PRINTMAKING**

Grade: 10, 11, 12

#### **Prerequisite: Intro to Art, Drawing I, or Painting I**

Students in printmaking offer an introduction into printmaking methods including relief, monotype, and basic etching processes. Basic Elements of Art and Principles of Design will be stressed within printed compositions. Class activities are project based giving students an opportunity to practice art fundamentals while learning technical skills in Printmaking.

### **SCULPTURE**

Grade: 10, 11, 12

#### **Prerequisite: Intro to Art, Drawing I, or Painting I**

Students learn basic techniques to create both relief sculptures and sculptures in the round. The study of form, shape, and space will be emphasized as students use materials as varied as clay, plaster, foam board, fiber, and paper.

## **ADVANCED PLACEMENT ART COURSE ELECTIVE**

### **AP ART**

Grade: 11, 12

#### **Prerequisite: Drawing I AND two additional advanced art courses**

This is a rigorous college level studio course offered to highly motivated 3rd and 4th year students who have taken Drawing 1 and at least two other courses such as Painting 1,2, Drawing 2, Printmaking,, Ceramics 1,2, and Sculpture. Coursework is designed to build mastery in technique, composition/design, research, experimentation, and creative problem solving. Critical thinking, objective analysis of artwork, and the ability to communicate in the language of art will be developed and used throughout the course. Developing meaningful peer relationships and self-motivation is necessary. Students must be willing to devote several hours per week of outside time to art production, research, and self-improvement.

Maintaining an active art journal/sketchbook is a critical course requirement. The "exam portfolio" requires at least 20 high quality artworks to be completed and submitted to the College Board in May; students will declare their choice of portfolio early in the year: 2-D, Drawing or 3-D, and work in and out of the classroom toward fulfilling the requirements. THIS COURSE IS A YEAR LONG.

BUSINESS AND TECHNOLOGY DEPARTMENT					
Course #	Course Name	Credits	Grade Level	Prerequisite(s)	Meets
<b>BUSINESS/MARKETING CLUSTER</b>					
1051	Marketing I (A&B)	2	9-12	None	VPAA, CL
1042	Retail Marketing	3	10-12	Marketing I or Instructor approval	VPAA, SME, CL
1044	Retail Management	3	11-12	Retail Marketing required and Instructor approval	VPAA, SME, CL
1052	Sports/Entertainment Marketing	1	10-12	None	VPAA, CL
<b>CAREERS CLUSTER</b>					
1043	Careers	1	9-12	None	CL
1028	Internships (WBL)	1-3	12	None	CL
1060	Marketing Co-op (WBL)	3-9	11-12	None	CL
<b>FINANCE CLUSTER</b>					
1031	Accounting	2	11-12	None	SME
1059	Personal Finance	2	11-12	None	SME
<b>TECHNOLOGY CLUSTER</b>					
1227	Computer Applications	1	10-12	None	VPAA, CL
1038	Graphic Design	1	9-12	None	VPAA, CL
1030	Introduction to Computers	1	9-10	None	VPAA, CL
1233	Photoshop Design	1	10-12	Graphic Design	VPAA, CL
0125	Web Design	1	9-12	None	VPAA, CL

## **BUSINESS/MARKETING CLUSTER**

### **MARKETING I (A & B)**

Grade: 9, 10, 11, 12

**Prerequisite: None - Class qualifies for DECA participation**

Students will be exposed to basic marketing concepts in a two-trimester format. Trimester 1 content includes an introduction to business principles, the marketing concept and marketing mix, and analyzing consumer and competition behaviors. Trimester 2 content involves a more in-depth study of product development, pricing, promotion, distribution, selling and business operations. Many of the concepts learned will be applied in a project-based learning environment. Students will have the opportunity to compete in DECA, a nationwide student organization that prepares emerging leaders and entrepreneurs for careers in marketing, finance, hospitality, and management.

### **RETAIL MARKETING (SCHOOL STORE/CAFE ORANGE)**

Grade: 10, 11, 12

**Prerequisite: Marketing I recommended and Instructor approval - Class qualifies for DECA participation**

In this three-trimester course, students will split time between the Viking Store, Cafe Orange and classroom. The course is designed to connect marketing concepts taught in the classroom with real-life retail operations. Students will get an in-depth look into marketing curriculum including the business economy, selling, customer service, e-commerce, promotion, communications, and entrepreneurial projects. Training for careers in sports, entertainment, hospitality, restaurants, and tourism is a large part of the class, as well as a DECA component. DECA is a nationwide student organization that prepares emerging leaders and entrepreneurs for careers in marketing, finance, hospitality, and management.

## **RETAIL MANAGEMENT (SCHOOL STORE/CAFE ORANGE)**

Grade: 11, 12

**Prerequisite: Retail Marketing and Instructor approval - Class qualifies for DECA participation**

In this three-trimester course, students will split time between the Viking Store, Cafe Orange and classroom. Students also may choose to participate in the production of "The Viking News." Students are placed in management positions within the store and help train and supervise 1st-year store employees. Responsibilities include: Inventory control, management skill development and application, product ordering, employee supervision, scheduling, and human resource management. Students also are required to participate in DECA. Curriculum is project-based - developing business plans, SWOT analysis, producing financial statements, etc... are an essential part of the course.

## **SPORTS/ENTERTAINMENT MARKETING**

Grade: 10, 11, 12

**Prerequisite: None - Class qualifies for DECA participation**

This course allows students to learn Marketing concepts, strategies, and vocabulary using the sports and entertainment industry as a platform. The curriculum features operating a Virtual Sports Business team to help learn concepts such as Franchising, Ticket Pricing, Event Promotions, Public Relations/Media, Parking Logistics, Sponsorships, Licensing, and Endorsements. Students will utilize current events, case studies, and hands-on projects to learn about the sports and entertainment industries. Sports and Entertainment careers will be explored along with possible field trips to sport and entertainment venues.

## **CAREERS CLUSTER**

### **CAREERS**

Grade: 9, 10, 11

**Prerequisite: None**

Careers is a one-trimester course designed to help prepare students with college & career decisions. Through a variety of projects and activities, students will develop and demonstrate academic, teamwork, and personal management skills. Self-assessment will allow students to determine their skills, interests, and abilities. Students will participate in group discussions, projects, and presentations.

### **INTERNSHIPS (WBL) - Work-Based Learning**

Grade: 12

**Prerequisite: None**

Internships are for students who would like to have work experience in their Career Pathway. Students are released early to complete the internship for a local company. This course provides an opportunity to gain insight into their career planning, develop employability skills, and gain work experience. Succeeding in this course requires a student who is enthusiastic, responsible, motivated, organized, and able to complete the requirements for the course.

### **MARKETING CO-OP (WBL) (A/B/C)**

Grade: 11, 12

**Prerequisite: None - Class qualifies for DECA participation**

Marketing Co-op is a one-year course that explores Marketing Functions and Foundations (Advertising, Promotion, Selling, Business Management). An emphasis will be placed on Human Relations Skills and Communication. Students will actively participate in group discussions, projects, and presentations. Entrepreneurship and Sports/Entertainment Marketing will also be introduced. Computer Technology will be a major portion of the class (spreadsheets, word processing, database, Internet). Computer credit can be earned after two trimesters are completed. Students must be employed in the Marketing field to be in Marketing. Students receive additional credits for the job so it is a class requirement.

## **FINANCE CLUSTER**

### **ACCOUNTING (A & B)**

Grade: 11, 12

**Prerequisite: None - Class qualifies for DECA participation in Finance area ONLY**

Accounting is a two-trimester course designed to introduce students to the basic principles of accounting. Throughout the course, students will apply accounting knowledge using computer-based and handwritten exercises. The course challenges the student with its use of college-level accounting skills. Students will learn how to set up a sole proprietorship and financially manage a business. Students will also focus on accounting for a merchandising business organized as a corporation.

### **PERSONAL FINANCE (A & B)**

Grade: 11, 12

**Prerequisite: None - Class qualifies for DECA participation in Finance area ONLY**

In this course, students will be exposed to strategies for money management. The first trimester of the class focuses on earning money, paying taxes and budgeting finances. The second portion of class gives students an insight to various forms of saving opportunities and credit management. Students will also learn about purchasing a car, risk management/insurance and home mortgages.

## **TECHNOLOGY CLUSTER**

### **COMPUTER APPLICATIONS**

Grade: 10, 11, 12

#### **Prerequisite: None**

This course is designed to help students master beginning and advanced skills using Microsoft Office and will focus in the areas of word processing, database management, spreadsheet applications, desktop publishing, multimedia, Internet usage, and integrated software applications. Other topics include file management on local, network and cloud-based storage media; as well as navigation of web-based information and data security.

### **GRAPHIC DESIGN**

Grade: 9, 10, 11, 12

#### **Prerequisite: None**

Welcome to the world of design! Students will learn how to create professional graphic compositions using Canva and other design programs used for digital and print applications. Students will learn photo editing, page layout and design techniques, digital photography and graphic creation/manipulation.

### **INTRODUCTION TO COMPUTERS**

Grade: 9, 10

#### **Prerequisite: None**

In this one-trimester course, students will navigate their way through many of the Google Apps programs used everyday in many classrooms. An emphasis will be placed on word processing using "Google Docs," spreadsheets using "Google Sheets" and presentations using "Google Slides." Other Google app programs covered in this course include: Google Drive, Gmail, Google Calendar, and much more. Additionally, students will hone in on improving their keyboard navigation, speed, & accuracy typing goals for future college and career performance.

### **PHOTOSHOP DESIGN**

Grade: 10, 11, 12

#### **Prerequisite: None**

A look into the trend of photo editing and animation. Students will use Photoshop in order to modify digital photos while learning how to eliminate backgrounds, insert photos into other photos, insert photos into text, replace colors/patterns/styles, retouch photos, colorize photos, load and create brushes, as well as investigate the numerous built-in filters. Furthermore, the class will create short animated movies that manipulate an object's position, opacity and style.

### **WEB DESIGN**

Grade: 9, 10, 11, 12

#### **Prerequisite: None**

Students will learn how to write HTML code to generate web sites using Notepad along with a basic understanding of Cascading Style Sheets. After mastering basic html, students will transition to using Adobe Dreamweaver, a web editor, to create their web pages. Emphasis will also be placed on learning graphic design skills using programs such as Adobe Fireworks and Photoshop. The trimester will end with a comprehensive web site project which will encompass the skills and strategies obtained throughout the course.

<b>ENGLISH DEPARTMENT</b>					
<b>Course #</b>	<b>Course Name</b>	<b>Credits</b>	<b>Grade Level</b>	<b>Prerequisite(s)</b>	<b>Meets</b>
1038	AP English Language	3	11	10th Grade English	MMC, NCAA
1099	AP English Literature/Composition	3	12	11th Grade English	MMC, NCAA
0303/0304T	English 9	3	9	None	MMC, NCAA
0307	English 9 Honors	3	9	None	MMC, NCAA
0320/0323T	English 10	3	10	9th Grade English	MMC, NCAA
0324	English 10 Honors	3	10	9th Grade English	MMC, NCAA
1092/1098T	English 11	3	11	10th Grade English	MMC, NCAA
1100	English 11 Honors	3	11	10th Grade English	MMC, NCAA
1106/1104T	English 12	3	12	11th Grade English	MMC, NCAA
1108	English 12 Honors	3	12	11th Grade English	MMC, NCAA
<b>ELECTIVES</b>					
37956	African American Literature	1	11-12	None	None
1122	College Writing	1	12	None	NCAA
1115	Creative Writing	1	9-12	None	NCAA
1080	Film Studies	1	9-12	None	None
1137	Journalism/Literature	1	9-12	None	NCAA
4788	Literature as Film	1	10-12	None	None
1146	Mythology	1	11-12	None	NCAA
1148	Mythology II	1	11-12	None	NCAA
1143	Newspaper	3	10-12	Instructor approval	VPAA
4789	Podcasts	1	10-12	None	VPAA
1113	Public Speaking	1	9-12	None	NCAA
1151	Publications and Yearbook	3	10-12	Instructor approval	VPAA
1130	Shakespeare in the 21st Century	1	9-12	None	None
1072	Sports Literature	1	9-12	None	None

## **ENGLISH CORE**

### **ADVANCED PLACEMENT (AP) ENGLISH LANGUAGE**

Grade: 11

#### **Prerequisite: Honors English 10 & Department Approval**

The AP Language & Composition course is a College-Level class that introduces students to a wide range of prose - mostly non-fiction. In order to strengthen the scope of Rhetorical ideas and broaden the awareness of the effectiveness of language, students will be placed into a variety of contexts to assess their ability to communicate with diverse methods of composition. Also, students' habits of mind, communication, academic collaboration, and professional inquiry are facilitated and monitored throughout the class. All in all, students should expect to devote time toward their abilities to learn about meaningful methods of communication and meticulous introspection.

### **ADVANCED PLACEMENT (AP) ENGLISH LITERATURE AND COMPOSITION**

Grade: 12

#### **Prerequisite: Honors English 11 & Department Approval**

As a yearlong class, AP English prepares the students for the Language and Composition test. The emphasis includes AP Composition and the close analysis of complex literary texts, poetry, and non-fiction pieces joined in a thematic nature. Students begin the course with an intensive six week "Boot Camp" which allows the instructor to closely examine their writing ability through weekly short analysis essays based on increasingly complex short stories. Part of the emphasis of the course is on the writing process and includes writing refinements such as concise expression, complicated mechanics, essay, and structure. In addition, students learn MLA style citations, which is necessary for source documentation in college writing. Entering students are expected to know the rudiments of the writing process, the review of which is the beginning point of class. From there, students progress to the writing of different types of essays and the exploration of organization, development and style.

## **ENGLISH 9**

Grade: 9

#### **Prerequisite: None**

English 9 incorporates all content expectations of the Common Core Curriculum and State of Michigan Standards. It is designed to provide supplemental instruction for students who experience difficulty in an English curriculum. It strives to improve listening skills, increase vocabulary, grammar usage and mechanics, strengthen writing skills, and develop literary appreciation. Offered in general, co-taught format, and direct format.

### **ENGLISH 9 HONORS**

Grade: 9

#### **Prerequisite: Successful Completion of English 8, 9<sup>th</sup> Grade or above reading level**

This course is designed for students who are reading at or above 9<sup>th</sup> grade level. It strives to improve listening skills, increase vocabulary, grammar usage and mechanics, strengthen writing skills, and develop literary appreciation.

## **ENGLISH 10**

Grade: 10

#### **Prerequisite: Successful completion of English 9**

Building on English 9, English 10 incorporates all content expectations of the Common Core Curriculum and State of Michigan Standards. It is designed to expand the student's experiences in reading, writing, speaking, and listening with progressively more challenging materials and activities. This class is suited to students who are still challenged by the English curriculum. Writing is focused on basic elements of a strong essay and persuasive writing. Offered in general, co-taught format, and direct format.

### **ENGLISH 10 HONORS**

Grade: 10

#### **Prerequisite: Successful completion of English 9**

Building on English 9, English 10 is designed to expand the student's experiences in reading, writing, speaking, and listening with progressively more challenging materials and activities. While each class may vary in pace and depth, it is expected that all students will participate in the suggested activities at a pace suitable to their ability. This class differs from English 10 in that the pace is accelerated. Writing exposure is focused on moving beyond the five paragraph essay with a persuasive emphasis and more independent writing activities.

## **ENGLISH 11**

Grade: 11

#### **Prerequisite: Successful completion of English 10**

Basic English 11 incorporates all content expectations of the Common Core Curriculum and State of Michigan Standards. Building on General English 10, this is an American Literature class designed to expand the student's experiences in reading, writing, and listening with progressively more challenging materials and activities. This class is designed to provide supplemental instruction to students who still feel English is an area of weakness for them. Students also work on grammar, reading comprehension and writing skills to better prepare for the ACT and MME. Offered in general or co-taught format.

### **ENGLISH 11 HONORS**

Grade: 11

#### **Prerequisite: Successful completion of English 10**

Pre-AP English is an American literature course that examines selections in all genres by major American writers from the Colonial period to the present, centering around the theme of transformational thinking. It engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience, expectations, and subjects as well as the way generic

conventions and the resources of language contribute to effectiveness in writing. These students transition to analysis during the second part in order to prepare for Advanced Placement English Literature. Students also work on grammar, reading comprehension and writing skills to better prepare for the ACT and MME.

## **ENGLISH 12**

Grade: 12

### **Prerequisite: Successful completion of English 11**

Students will be reading material from Old English and Medieval Periods to Postmodern and beyond. There is a great deal of historical content relevant to the reading material and the textbook is aligned with the Common Core Standards. Offered in general or co-taught format.

## **ENGLISH 12 HONORS**

Grade: 12 - three trimesters

### **Prerequisite: Successful completion of English 11**

Students will be reading material from Old English and Medieval Periods to Postmodern and beyond. There is a great deal of historical content relevant to the reading material and the textbook is aligned with the Common Core Standards.

## **ENGLISH ELECTIVES**

### **AFRICAN AMERICAN LITERATURE**

Grade: 11, 12

#### **Prerequisite: None**

This course will provide a survey of African American Literature which will follow the chronological experiences of African Americans from the 17th century to the present. The course will provide students with a survey of African American Authors over the broad spectrum of literary genres in which their voices are reflected. Students will discover oral traditions as well as poetry, short stories, novels, and non-fiction in a variety of forms but will also be introduced to a wealth of authors beyond the standard literary survey courses. Students will read and analyze historical and modern works, write critically and creatively, and explore the intersection of culture and literature throughout the centuries.

### **COLLEGE WRITING**

Grade: 12

#### **Prerequisite: None**

Students are exposed to a variety of writing types with the focus on process writing, annotated bibliography, and MLA formatting. A portfolio is created, edited, and handed in at the end of the course as a final project. This course is designed for the college bound student looking to improve their writing skills and strengthen their current writing skills to be better prepared for their freshman college writing course experience.

### **CREATIVE WRITING**

Grade: 9, 10, 11, 12

#### **Prerequisite: None**

Creative Writing offers students the chance to learn or advance their skills and appreciation in such forms as the short story, the vignette essay and various types of poetry. Techniques such as creating characters, writing dialogue, creating atmosphere and plot progression will be studied and practiced. Individuals should plan on experimenting with each of these forms during the trimester.

### **FILM STUDIES**

Grades: 9, 10, 11, 12

#### **Prerequisite: None**

Film studies is a course intended to familiarize students with the particulars of film history as well as to provide them with a chance to analyze film as a visual art form. This course should appeal to any and all students who love to watch movies and discuss them.

### **JOURNALISM/LITERATURE**

Grade: 9, 10, 11, 12.

#### **Prerequisite: None**

This class is designed for students interested in writing for the newspaper. Students will learn the ins and outs of journalistic writing and the process for writing several different types of articles, from hard news to feature stories. This is a great class for students with an interest in writing for the school newspaper, The Reflector.

### **LITERATURE AS FILM**

Grades: 10, 11, 12.

#### **Prerequisite: None**

This course explores how character development, plot, narrative, symbols, and language are translated from literary texts to film, and considers the limitations of a film adaptation. Students will read, analyze, and respond critically to literature and films in class discussions, examinations, and essays.

### **MYTHOLOGY**

Grade: 11, 12

#### **Prerequisite: None**

Mythology is a system of plots and stories told by a given culture. In addition to being a good story, myth has a high purpose. Myth is the distilled essence of human experience, expressed in metaphorical terms or narrative. It deals with vital mysteries that confront and challenge all of us. It is an elective credit.

## **MYTHOLOGY II**

Grade: 11, 12

### **Prerequisite: None**

Mythology is a system of plots and stories told by a given culture. In addition to being a good story, myth has a high purpose. Myth is the distilled essence of human experience, expressed in metaphorical terms or narrative. It deals with vital mysteries that confront and challenge all of us. Focus on Norse and Celtic mythology. It is an elective credit.

## **NEWSPAPER**

Grade: 10, 11, 12

### **Prerequisite: Approval of Advisor**

Newspaper Publication is the class that publishes the monthly, tabloid-sized Reflector News. To be on staff, students should have successfully completed one semester of Journalistic Writing. Because of the scope of the monthly schedule of publication, this class will demand extra time from the student. Students receive elective credit in English. Newspaper Publication offers a high level of freedom in attaining whatever level of individual involvement and excellence is desired. The greatest personal growth, however, comes from mastering required skills in communication and the various kinds of scholastic journalism, developing graphic skills, placing personal convictions in review, and building mature work habits through acceptance of responsibility.

## **PODCASTS**

Grade: 10, 11, 12

### **Prerequisite: None**

This course provides students with a survey of podcasting concepts and techniques using an audio studio and location sound equipment. Areas covered include: types of podcasts, story-telling, recording and editing, digital delivery techniques, audio equipment, and digital distribution.

## **PUBLIC SPEAKING**

Grade: 9, 10, 11, 12

### **Prerequisite: None**

Speech communication is both theory and skill based. Students will study speech communication theories in intrapersonal, interpersonal, nonverbal, small group, and mass communication. Students will deliver a variety of informational, persuasive, and interpretive speeches. Research projects may include first amendment issues, communication-based careers, and media and propaganda.

## **PUBLICATIONS AND YEARBOOK**

Grade: 10, 11, and 12

### **Prerequisite: Approval of Advisor**

Yearbook is a laboratory course in journalism and photography, with a touch of business management thrown in. Class members will photograph, write about, edit, and otherwise prepare the history of the current school year for publication. Students have the opportunity to demonstrate outstanding photographic, literary, and artistic talents in the production of the current volume.

## **SHAKESPEARE IN THE 21ST CENTURY**

Grade: 9, 10, 11, and 12

### **Prerequisite: None**

This course will be developed as a survey study, allowing students to be introduced to a variety of plays and sonnets. Connections will be made to the modern derivatives of Shakespearean works. The universal themes that Shakespeare is lauded for will be explored as well, including but not limited to love, conflict, ambition, vengeance, madness, nature, heroism, and disorder. Students will read excerpts from a wide variety of plays; will study one or two complete dramas; and will explore the sonnets attributed to Shakespeare as well. This course will support the grade-level curriculum studies, but will not conflict with or circumvent the specific plays covered in each grade.

## **SPORTS LITERATURE**

Grades: 9, 10, 11, 12

### **Prerequisite: None**

This class explores both historical and modern issues in sports including historical players and teams, controversial moments and the science behind sports. Students will read and also put together written presentations to display their knowledge of the materials presented in class.

MATHEMATICS DEPARTMENT					
Course #	Course Name	Credits	Grade Level	Prerequisite(s)	Meets
1204/1205T	Algebra I (A, B, and C)	3	9-12	None	MMC, NCAA, SME
1228	Algebra I Honors (A, B, and C)	3	9-12	None	MMC, NCAA, SME
1216/1220T	Geometry (A and B)	3	9-12	Algebra I	MMC, NCAA, SME
1230	Geometry Honors (A and B)	3	9-12	Algebra I	MMC, NCAA, SME
1222/1224T	Algebra II (A, B, and C)	3	9-12	Geometry	MMC, NCAA, SME
1232	Algebra II Honors (A, B, and C)	3	9-12	Geometry	MMC, NCAA, SME
1221	Pre-Calculus	3	10-12	Algebra II	NCAA, SME
1223	AP Calculus	3	11-12	Pre-Calculus	NCAA, SME
1428	Statistics	2	11-12	Algebra II	NCAA, SME
1430	AP Statistics	3	11-12	Algebra II	NCAA, SME
1381	JC Calculus II/III	3	12	AP Calculus	NCAA, SME

### **ALGEBRA I**

Grade: 9, 10, 11, 12

**Prerequisite: None**

The following course is an inquiry based learning that supports the Common Core State Standards. The course covers the following topics: Equations and Inequalities, Functions, Extensions of Linear Concepts, Exponents, Radicals, Polynomials, Quadratic Functions, and Probability and Statistics. The class also brings in the technology of the Texas Instrument Nspire calculators. Offered in general, co-taught format, and direct format.

### **ALGEBRA I HONORS**

Grade: 9, 10, 11, 12

**Prerequisite: None**

The following course is an inquiry based learning that supports the Common Core State Standards. The course covers the following topics: Equations and Inequalities, Functions, Extensions of Linear Concepts, Exponents, Radicals, Polynomials, Quadratic Functions, and Probability and Statistics. The class also brings in the technology of the Texas Instrument Nspire calculators. The course goes beyond the Common Core Standards, and involves a more in-depth study of Algebra I.

### **GEOMETRY**

Grade: 9, 10, 11, 12

**Prerequisite: Algebra I**

The following course is an inquiry based learning that supports the Common Core State Standards. The course covers the following topics: Proofs, Parallel and Perpendicular Lines, Transformations, Triangles, and Quadrilaterals, Similarity and Trigonometry, Circles, Coordinates, and Constructions, Extending Two Dimensions to Three Dimensions, and Probability. The class also brings in the technology of the Texas Instrument Nspire calculators. Offered in general, co-taught format, and direct format.

### **GEOMETRY HONORS**

Grade: 9, 10, 11, 12

**Prerequisite: Algebra I**

The following course is an inquiry based learning that supports the Common Core State Standards. The course covers the following topics: Proofs, Parallel and Perpendicular Lines, Transformations, Triangles, and Quadrilaterals, Similarity and Trigonometry, Circles, Coordinates, and Constructions, Extending Two Dimensions to Three Dimensions, and Probability. The class also brings in the technology of the Texas Instrument Nspire calculators. The course goes beyond the Common Core Standards, and involves a more in-depth study of Geometry.

## **ALGEBRA II**

Grade: 9, 10, 11, 12

### **Prerequisite: Algebra I and Geometry**

The following course is an inquiry based learning that supports the Common Core State Standards. The course covers the following topics: Equations, Inequalities, and Functions, Quadratic Functions, Polynomials, Series, Exponential, and Logarithmic Functions, Radical and Rational Functions, Trigonometry, and Probability and Statistics. The class also brings in the technology of the Texas Instrument Nspire calculators. Offered in general or co-taught format.

## **ALGEBRA II HONORS**

Grade: 9, 10, 11, 12

### **Prerequisite: Algebra I and Geometry**

The following course is an inquiry based learning that supports the Common Core State Standards. The course covers the following topics: Equations, Inequalities, and Functions, Quadratic Functions, Polynomials, Series, Exponential, and Logarithmic Functions, Radical and Rational Functions, Trigonometry, and Probability and Statistics. The class also brings in the technology of the Texas Instrument Nspire calculators. The course goes beyond the Common Core Standards, and involves a more in-depth study of Algebra II.

## **PRE-CALCULUS**

Grade: 10, 11, 12

### **Prerequisite: Algebra II**

The course covers the following topics: Functions and Their Graphs, Polynomial and Rational Functions, Exponential and Logarithmic Functions, Trigonometry, Analytic Trigonometry, Addition Topics in Trigonometry, Systems of Equations and Inequalities, Matrices and Determinants, Sequences, Series, and Probability, Topics in Analytic Geometry, Analytic Geometry in Three Dimensions, and Limits and an Introduction to Calculus.

## **AP CALCULUS**

Grade: 11, 12

### **Prerequisite: Pre-Calculus**

The course covers the following topics: Limits and Their Properties, Differentiation, Applications of Differentiation, Integration, Logarithmic, Exponential and Others Transcendental Functions, Differential Equations, Applications with Integration, Integration Techniques, L'Hopital's Rules and Improper Integrals, Infinite Series and Conics, Parametric Equations and Polar Coordinates. The course also incorporates the technology of the Texas Instrument Inspire calculators. At the end of the course, students will have an opportunity to take the Advanced Placement Test.

## **STATISTICS**

Grade: 11, 12

### **Prerequisite: Algebra II**

Throughout the year, students will be exposed to four broad conceptual themes, Exploring Data, Planning A Study, Anticipating Patterns, and Statistical Inference. The course requires a "mathematical maturity" and interpretive and reasoning skills which the students may not have fostered as much in previous math courses.

## **AP STATISTICS**

Grade: 11, 12

### **Prerequisite: Algebra II**

Throughout the year, students will be exposed to four broad conceptual themes, Exploring Data, Planning A Study, Anticipating Patterns, and Statistical Inference. The course requires a "mathematical maturity" and interpretive and reasoning skills which the students may not have fostered as much in previous math courses. The course goes beyond the Common Core Standards, and involves a more in-depth study of Statistics. At the end of the course, students will have an opportunity to take the Advanced Placement Test.

## **JC (JACKSON COLLEGE) CALCULUS II/CALCULUS III**

Grade: 12

### **Prerequisite: AP Calculus**

#### **MAT 154 CALCULUS II (5 CR)**

This course explores the following topics: methods and applications of the derivative and integral for inverse trigonometric and hyperbolic functions, indeterminate forms, series and polar/parametric representation of functions. Graphing calculator required. The mathematics department recommends the prerequisite not be more than two years old. If the prerequisite is more than two years old, the recommendation is the course placement exam be taken or the prerequisite be retaken to ensure the success of the student.

#### **MAT 251 CALCULUS III (4 CR)**

Solid analytical geometry is integrated throughout this course covering the calculus of vector valued functions, multivariable functions, and vector fields with applications. Graphing calculator required. The mathematics department recommends that the prerequisite not be more than two years old. If the prerequisite is more than two years old then the recommendation is that the course placement exam be taken or the prerequisite be retaken to ensure success.

<b>MUSIC DEPARTMENT</b>					
<b>Course #</b>	<b>Course Name</b>	<b>Credits</b>	<b>Grade Level</b>	<b>Prerequisite(s)</b>	<b>Meets</b>
1263	AP Music Theory	3	10-12	Instructor approval	VPAA
N/A	Marching Band (after school)	0	9-12	Band, Choir, or Orchestra	None
<b>BAND - "AUDITION REQUIRED"</b>					
1245	Cadet Band	3	9	Audition required	VPAA
1243	Class Percussion	3	9-12	Audition required	VPAA
1262	Jazz Band	3	9-12	Audition required	VPAA
1255	Symphony Band	3	10-12	Audition required	VPAA
1251	Varsity Band	3	10-12	Audition required	VPAA
1253	Varsity Wind Ensemble	3	10-12	Audition required	VPAA
<b>CHOIR - "AUDITION REQUIRED"</b>					
1271	Euphony Choir	3	9-12	Audition required	VPAA
<b>ORCHESTRA - "AUDITION REQUIRED"</b>					
1257	Chamber Orchestra	3	9-12	Audition required	VPAA
1258	String Orchestra	3	9-12	Audition required	VPAA
<b>MUSIC ELECTIVES - "NO AUDITION REQUIRED"</b>					
1256	Beginning Band "Concert"	1	9-12	None	VPAA
1249	Beginning Guitar	1	9-12	None	VPAA
37955	Beginning Orchestra	3	9-12	None	VPAA
1241	Beginning Piano	1	9-12	None	VPAA
1248	Intermediate Guitar	1	10-12	Beginning Guitar	VPAA
4790	Intermediate Piano	1	10-12	Beginning Piano	VPAA
1310	Music Exploration	1	9-12	None	VPAA
1265	Varsity Choir	3	9-12	None	VPAA

## **AP MUSIC THEORY**

Grade: 10, 11, 12

**Prerequisite: Performance Ensemble Experience and Recommendation by Teacher**

This course is patterned after the Freshman Music Theory Classes offered at most Michigan Colleges and Universities. There is a significant in class assignments and online projects required for this selection.

## **MARCHING BAND (after school) - "CLASS NOT FOR CREDIT"**

Grade: 9, 10, 11, 12

**Prerequisite: Enrolled in JHS Band, Orchestra, or Choir**

This is an extracurricular, non-credit course for instrumental students. You must be enrolled in a JHS Band, Orchestra, or Choral class to join. Enrollment begins Feb. 1, with a required summer experience (band camp and summer rehearsals) for all students to participate. Activities include performance at home football games, pep rallies, local parades and events. Travel options to District Marching Band Festivals, State and National parades and festivals.

## **BAND - "AUDITION REQUIRED"**

### **CADET BAND**

Grade: 9

**Prerequisite: Placement by audition and/or approval of instructor**

Course is designed as an introduction to music learning and performing at the high school level. Group performs repertoire appropriate to instrumentation and proficiency. Other classroom literature includes *Treasury of Scales* (L. Smith, 1952) and *Concert Selections for Winds and Percussion* (C. Azzara, 1995). All students are encouraged to participate in the M.S.B.O.A. Solo and Ensemble Festival as well as perform at M.S.B.O.A. Band Festival. The group performs at no less than three formal concerts per school year.

### **CLASS PERCUSSION**

Grade: 9, 10, 11, 12

**Prerequisite: Placement by audition and/or approval of instructor**

Course is designed to offer instrument specific instruction to percussionists. This course is usually offered to those students who wish to build individual skills and knowledge in rudimental drumming, drum set, keyboard, timpani and other percussion instruments.

### **JAZZ BAND**

Grade: 9, 10, 11, 12

**Prerequisite: Placement by audition and/or approval of instructor**

Course is designed as an advanced performing ensemble. Students demonstrating skills and knowledge in jazz styles and improvisation are challenged with performance opportunities in a variety of instrumental combinations, including regional and state M.S.B.O.A. Jazz Festivals.

### **SYMPHONY BAND**

Grade: 10, 11, 12

**Prerequisite: Placement by audition and/or approval of instructor**

Course is designed as an advanced performing ensemble with limited instrumentation. The Symphony Band performs at M.S.B.O.A. Class A level. Each member is encouraged to perform at the M.S.B.O.A. Solo and Ensemble Festival. All members are required to perform in no less than three formal concerts per year and District Band Festival.

### **VARSIY BAND**

Grade: 10, 11, 12

**Prerequisite: Placement by audition**

Course is designed as a traditional concert band performing at the M.S.B.O.A. Class C level. All students are encouraged to participate in the M.S.B.O.A. Solo and Ensemble Festival as well as perform at M.S.B.O.A. Band Festival. The group performs at no less than three formal concerts per school year. Students may participate in extracurricular performing groups such as Pep Band or the Viking Marching Band.

### **VARSIY WIND ENSEMBLE**

Grade: 10, 11, 12

**Prerequisite: Placement by audition and/or approval of instructor**

Course is designed as an advanced performing ensemble with specific instrumentation requirements. The VWE performs at M.S.B.O.A. Class B level. Each member is encouraged to perform at the M.S.B.O.A. Solo and Ensemble Festival. All members are required to perform in no less than three formal concerts per year and District Band Festival.

## **CHOIR - "AUDITION REQUIRED"**

### **EUPHONY CHOIR**

Grade: 9, 10, 11, 12

**Prerequisite: Varsity Choir and audition and/or approval of instructor**

Euphony Choir members demonstrate the highest level of vocal performance at Jackson High School. The primary focus of the course is the study of outstanding choral music literature and refining the skills of vocal technique and choral singing. Students are encouraged to participate in M.S.V.M.A. Solo and Ensemble Festival and perform at M.S.V.M.A. Choir Festival.

## **ORCHESTRA - "AUDITION REQUIRED"**

### **CHAMBER ORCHESTRA**

Grade: 9, 10, 11, 12

**Prerequisite: Placement by audition and/or approval of instructor**

This course is designed for advanced string players and requires an informal audition. (Students who attended the Intermediate String Orchestra for at least one year can be approved for chambers based on their performance in the Vikings String Orchestra.) This class is for serious musicians who would like to perform many times throughout the year. Private lessons are encouraged. This could include time with the instructor in a small group after school to focus on individual growth as a musician. This group consists of the top string students in the school and can range from four performers to as many advanced, serious string players as there are in the program. Students will explore a variety of styles of music through performing solo or in a small chamber group and will join with the Intermediate String Orchestra for large group performances. Students will need to provide their own concert attire (black) and will be asked to perform some weekends and evenings depending on the gig!

### **STRING ORCHESTRA**

Grade: 9, 10, 11, 12

**Prerequisite: Placement by audition and/or approval of instructor**

This course is designed for intermediate string players in a high school entry-level ensemble. Students can expect growth in the areas of following a conductor, building good practice habits, building ensemble skills, improving technique, improving intonation, and improving personal music literacy, (music reading, understanding musical terms, interpreting articulations, performing musical phrases in different musical styles) Students can expect to learn or improve shifting and vibrato and will explore intermediate bowing techniques. Extension of left and right hand skills will be focused on through the study of a variety of music styles and the group will perform as a string orchestra. Students currently provide their own concert attire (all black) and will be exposed to a variety of performing experiences. Students might be asked to consider weekend and after school opportunities, but they will not be required, with the exception of the MSBOA festival should the group participate. Students can expect three required concerts a year with many other opportunities to perform based on student choice.

## **MUSIC ELECTIVES - "NO AUDITION REQUIRED"**

### **BEGINNING "CONCERT" BAND**

Grade: 9, 10, 11, 12

**Prerequisite: None**

This course offers fundamental training in instrumental music performance including tone production, ear training, rhythmic competency and basic music theory. Students who are interested in beginning musical training in instrumental music who have an instrument are encouraged to enroll. This course is ideal for students who either never played an instrument before or played one but stopped for a period of time. This is for winds, brass, percussion and string instruments.

### **BEGINNING GUITAR**

Grade: 9, 10, 11, 12

**Prerequisite: None**

This course is designed to offer instrument-specific instruction to guitarists. The focus of this course is twofold. First, the rudiments of basic guitar technique are studied in both the melodic and harmonic musical dimensions. Second, this course maintains a focus on the creative aspects of music-making. Music improvisation and composition are lifelong skills that can travel with a student throughout their entire lives. Other activities include: analysis of musicians and musical styles, music reading, music writing, and care and maintenance of the instruments.

### **BEGINNING ORCHESTRA**

Grade: 9, 10, 11, 12

**Prerequisite: None**

Learning to play an instrument is an exciting journey! Do you feel like you missed out by not starting this journey in Middle School? It's not too late to learn! As high school students, you now have an opportunity to learn violin, viola, cello, or string bass. This class will start with the basics of how to play an instrument and how to read music. No prior knowledge or performance experience is required. You will be surprised at what you can learn in 12 weeks! Students will need to provide their own concert attire (black), but you probably already own what you need. (black socks, shoes, top, pants or dress to ankles or skirt with leggings)

### **BEGINNING PIANO**

Grade: 9, 10, 11, 12

**Prerequisite: None**

This course is designed to offer instrument specific instruction to beginning pianists. The focus of this course is twofold. First, the rudiments of basic piano technique are studied in both the melodic and harmonic musical dimensions. Second, this course maintains a focus on the creative aspects of music making. Music improvisation and composition are lifelong skills that can travel with a student throughout their entire lives. Other activities include: analysis of musicians and musical styles, music reading and music composition.

## **INTERMEDIATE GUITAR**

Grade: 10, 11, 12

**Prerequisite:** Beginning Guitar, audition with supervising teacher/department chair AND/OR instructor approval

This course is designed for those students that have successfully completed Beginning Guitar. It is also open to those students that can demonstrate the necessary skills and knowledge covered in Beginning Guitar. This course will build on techniques developed in Beginning Guitar. Other activities include: advanced analysis of musicians and musical styles, and advanced music reading and writing.

## **INTERMEDIATE PIANO**

Grade: 10, 11, 12

**Prerequisite:** Beginning Piano AND/OR audition with supervising teacher/department chair

This course is designed to offer a continuation of the instrument specific instruction begun in the prerequisite course. This course is designed to offer a continuation of the instrument specific instruction begun in the prerequisite course. The focus of this course is twofold. First, the rudiments of basic piano technique are studied in both the melodic and harmonic musical dimensions. Second, this course maintains a focus on the creative aspects of music making. Music improvisation and composition are lifelong skills that can travel with a student throughout their entire lives. Other activities include: analysis of musicians and musical styles, music reading and music composition.

## **MUSIC EXPLORATION**

Grade: 9, 10, 11, 12

**Prerequisite:** None

Students will develop achievements in beginning level techniques in playing a variety of instruments. They will develop the physical skills needed to play beginning level music accurately and with good tone quality. Students will develop skills in reading music notation and will have opportunities for growth in the understanding of musical elements and music theory as applied to the music played. Piano, guitar, ukulele, bass are some of the instruments that may be explored during this course! No prior experience is required.

## **VARSITY CHOIR**

Grade: 9, 10, 11, 12

**Prerequisite:** None

Formerly Cadet Choir, this course is designed for anyone to participate from the complete beginner of any grade level to years of choral experience. Repertoire is selected at appropriate level for singers' proficiency. Students are encouraged to participate in M.S.V.M.A. Solo and Ensemble Festival and are required to perform at M.S.V.M.A. Choir Festival.

PHYSICAL EDUCATION DEPARTMENT					
Course #	Course Name	Credits	Grade Level	Prerequisite(s)	Meets
1281/1282T	Basic Physical Education	1	9-10	None	MMC
1283/1284T	Health	1	9-10	None	MMC
ELECTIVE COURSES					
1435	Advanced Health	1	11-12	Basic PE and Health	
1288	Advanced PE	1	10-12	Basic PE and Health	
1389	Female Strength Training	1	10-12	Basic PE and Health	
1278	Gym and Swim	1	10-12	Basic PE and Health	
1276	Intro to Swimming	1	9-12	Basic PE and Health	
1445	Team Sports: Baseball/Softball	1	9-12	Basic PE and Health	
1455	Team Sports: Basketball	1	9-12	Basic PE and Health	
1475	Team Sports: Wrestling	1	9-12	Basic PE and Health	
1302	Weight Training	1	10-12	Basic PE and Health	

## **PHYSICAL EDUCATION CORE**

### **BASIC PHYSICAL EDUCATION**

Grade: 9, 10

#### **Prerequisite: None**

This introductory physical education class teaches the student the how, what and why of physical education and physical activity. A variety of exercise programs are introduced; each is designed to fill the specific needs of the students. Emphasis is placed on testing for self-assessment in many areas of fitness. The selection of activities either corresponds to the concepts being taught or serves a recreational and leisure time purpose appropriate for co-educational activity. This class is a requirement for graduation and is a prerequisite for all other PE classes. Activities include but are not limited to; Invasion games, striking/fielding games, outdoor pursuits, rhythmic activities, target games, net/wall games, aquatics and health related fitness. Offered in general or co-taught format.

### **HEALTH**

Grade: 9, 10

#### **Prerequisite: None**

The goal of health class is to build a foundation of knowledge and the resources available to help students make healthy decisions throughout their lifetimes. The emphasis of these topics is to use knowledge to promote responsible decision-making and an understanding of the consequences of one's choices and actions. Students will build this knowledge base through discussion of the issues, reflections on stories from real life situations, scientific and medical facts and current research. Several different learning tools will be employed throughout the course, including but not limited to: lecture, internet research, group discussion, guest speakers, and influence of media, homework, text, current events, role play, story development, student presentations and varieties of assessments. This course will focus on the topics: healthy lifestyles, health skills, character development, physical activity for life, nutrition, tobacco, alcohol, medicines, drugs, endocrine system, reproductive systems, STI's, AIDS, HIV, prenatal development and birth. Offered in general or co-taught format.

## **PHYSICAL EDUCATION ELECTIVES**

### **ADVANCED HEALTH**

Grade: 11, 12

#### **Prerequisite: Basic PE and Health**

Advanced Health is a course that covers content and skill work in various areas of Health Education. The course will build, develop and implement students' life-long health skills in many areas such as: Health careers/Health care, current events, sexuality, money/time management, life skills, divorce/family dynamics, and service learning. The student learns to relate to all aspects of life. This course will better prepare students for life after high school through awareness, assessment and application of Health skills.

## **ADVANCED PE**

Grade: 10, 11, 12

### **Prerequisite: Basic PE and Health**

Advanced physical education is an extension of Basic Physical education with an emphasis on competition and testing for self-assessment in all areas of physical fitness. Activities include but are not limited to: invasion games, striking / fielding games, outdoor pursuits, rhythmic activities, target games, net/wall games, aquatics and health related fitness.

## **FEMALE STRENGTH TRAINING**

Grade: 10, 11, 12

### **Prerequisite: Basic PE and Health**

Grade: 10, 11, 12

### **Prerequisite: Basic PE and Health**

The course seeks to increase total body strength through the systematic execution of the Bigger, Faster, Stronger total program. An understanding of how and why strength improvement is stressed. Each student has an individualized program based on their physical tests, and personal goals. The class includes strength training, cardiovascular conditioning, isometrics, plyometrics, speed and agility training among others.

## **GYM & SWIM**

Grade: 10, 11, 12

### **Prerequisite: Basic PE and Health**

Gym and Swim will divide student's instruction and participation time between the pool and the gymnasium. This will provide the opportunity for students to learn different aquatic activities, then compare and contrast them to their land based equivalents. The course will introduce a variety of activities that will engage students in life-long sport and recreational opportunities. Units will include, but are not limited to: fitness activities, volleyball, team handball, water polo, aerobic dance and synchronized swimming. Assessments will include physical fitness testing, skill/task analysis, and sports related writing assignments.

## **INTRO TO SWIMMING**

Grade: 9, 10, 11, 12

### **Prerequisite: Basic PE and Health**

This class will focus on basic swimming skills for beginners to advanced beginners. Instruction will initially be on water adjustment and comfort then progress to floating and add movement skills. Skills to be covered include: floating, gliding, front crawl with rotary breathing, elementary backstroke, backstroke, sidestroke, breaststroke, treading water, diving and pool safety. This course will identify health and safety factors related to aquatic activities such as accident prevention, basic rescues, first aid and CPR. There will also be a focus on improving cardiovascular fitness and increased flexibility through aquatic and land activities.

## **TEAM SPORTS: BASEBALL/SOFTBALL**

Grade: 9, 10, 11, 12

### **Prerequisite: Basic PE and Health**

This is a complete course in softball and baseball. Fundamental, cognitive and movement skills necessary to play the games will be presented and practiced. Within this context, the rules of the game and history will be learned. Speed, agility and strength training will be incorporated. The culmination of the course will be an application of individual and team skills in a game setting with the development and employment of offensive and defensive strategies. Students will also learn the ability to teach fundamental baseball and softball skills and stage related practical drills.

## **TEAM SPORTS: BASKETBALL**

Grade: 9, 10, 11, 12

### **Prerequisite: Basic PE and Health**

The purpose of this course is to introduce students to the basic skills and knowledge associated with basketball. By applying these principles through active participation, students develop the necessary skills and knowledge to play basketball. In addition, this course provides students with opportunities to improve physical fitness, acquire knowledge of fitness concepts and practice positive personal and social skills. Students will gain an understanding of how a wellness lifestyle affects one's health, fitness and physical performance.

## **TEAM SPORTS: WRESTLING**

Grade: 9, 10, 11, 12

### **Prerequisite: Basic PE and Health**

This is a complete course in wrestling. Fundamental, cognitive and movement skills necessary to compete in the sport of wrestling will be presented and practiced. Within this context, the rules of the sport and the history will be learned. Speed, agility, strength training, nutrition and weight management will be incorporated. The culmination of this course will be an application of skills in a competitive environment. Students will also learn how to teach the fundamentals and to officiate matches.

## **WEIGHT TRAINING**

Grade: 10, 11, 12

### **Prerequisite: Basic PE and Health**

The course seeks to increase total body strength through the systematic execution of the Bigger, Faster, Stronger total program. An understanding of how and why strength improvement is stressed. Each student has an individualized program based on their physical tests, and personal goals. The class includes strength training, cardiovascular conditioning, isometrics, plyometrics, speed and agility training among others.

SCIENCE DEPARTMENT					
Course #	Course Name	Credits	Grade Level	Prerequisite(s)	Meets
1330/1332T	Biology	2	9-12	None	MMC, NCAA
1322	Biology Honors	2	9-12	None	MMC, NCAA
1324/1326T	Chemistry	2	10-12	Biology; 9th gr. approval	MMC, NCAA
1328	Chemistry Honors	2	10-12	Biology; 9th gr. approval	MMC, NCAA
ELECTIVE COURSES					
1357	AP Biology	3	11-12	Chemistry & Physiology	MMC, NCAA
1353	AP Chemistry	3	11-12	Chemistry	MMC, NCAA, SME
0158	AP Environmental Science	3	10-12	Biology	MMC
1359	AP Physics (not offered in 25-26)	3	11-12	Physics and Pre-Calc.	MMC, NCAA, SME
1340	Astronomy	1	10-12	Geometry	MMC
4753	Earth Science	1	9-12	None	MMC
1345	Environmental Science	2	9-12	None	MMC, NCAA
1341	Forensics	2	11-12	Biology & Chemistry	MMC, NCAA
1320	Intro to Advanced Chemistry	1	10-12	B or higher in Chemistry (A)	None
1331	Oceanography (not offered in 25-26)	1	9-12	Biology	MMC, NCAA
4985	Physics (not offered in 25-26)	1	11-12	Biology and Chemistry	MMC, SME
1340	Physics Honors	2	11-12	Biology and Chemistry	MMC, NCAA, SME
1333	Physiology	2	11-12	Biology and Chemistry	MMC, NCAA
1358	Robotics and Engineering	2	10-12	Biology	None

COMPUTER SCIENCE ELECTIVES					
1334	AP Computer Science A	3	10-12	Algebra I	SME
1347	Computer Science Principles	2	9-12	Algebra I	NCAA, SME
1254	Cybersecurity	1	9-12	None	None
1238	Data Science with Python	1	10-12	Computer Science OR Game I - Coding Games	None
1234	Game I - Coding Games	1	9-12	Algebra I	None
1234(c/d)	Game II - Game Development	2	9-12	Computer Science or Game 1	None
1064	3D Printing and Design	1	9-12	Algebra I	None

## **SCIENCE CORE**

### **BIOLOGY**

Grade: 9, 10, 11, 12

**Prerequisite: None**

Biology is an introductory biology course. It will cover all major topics outlined by the Michigan Science Standards, based on the Next Generation Science Standards. Core ideas included are: structure and function, interdependent relationships in ecosystems, inheritance and variation of traits, natural selection, and evolution. Students will engage in scientific investigations to answer questions, and engineering design to solve problems. Offered in general, co-taught format, and direct format.

### **BIOLOGY HONORS**

Grade: 9, 10, 11, 12

**Prerequisite: None**

Biology Honors is concerned with developing a background in core biological principles for those students with the ability and interest to pursue further study in advanced biology in high school or beyond. It will cover all major topics outlined by the Michigan Science Standards, based off the Next Generation Science Standards. Core ideas included are: structure and function, interdependent relationships in ecosystems, inheritance and variation of traits, natural selection, and evolution. Students will engage in scientific investigations to answer questions, and engineering design to solve problems.

### **CHEMISTRY**

Grade: 10, 11, 12

**Prerequisite: Biology**

This course is the study of how chemistry relates to the student's day-to-day life experiences. This laboratory-filled course covers units of measurement, classification of matter, elements and their structures, chemical reactions, chemical bonding, solutions, acids and bases, structure of the atom, classification of formulas, nomenclature of compounds, and matter and energy. This course meets all of the Michigan Merit Curriculum High School graduation requirements by covering the Michigan K-12 Science Standards. Offered in general, co-taught format, and direct format.

### **CHEMISTRY HONORS**

Grade: 10, 11, 12

**Prerequisite: Biology, Algebra I**

Chemistry is the study of all those things that we can see, touch, and smell. Basically, Chemistry is the study of everything that exists. Lectures, demonstrations, and laboratory activities are used to study the structure, properties, and energy content of substances as diverse as fuels, minerals, vitamins, metals, and foods. This is an excellent preparatory course for those students with the ability and interest to pursue further study in Advanced Placement Chemistry or other upper level science courses. This college preparatory course meets all of the Michigan Merit Curriculum High School graduation requirements by covering the Michigan K-12 Science Standards. Successful completion facilitates the readiness for Advanced Placement Chemistry in either the student's Junior or Senior year.

## **SCIENCE ELECTIVES**

### **ADVANCED PLACEMENT (AP) BIOLOGY**

Grade: 11, 12

**Prerequisite/Concurrent: Chemistry and Physiology**

The Advanced Placement Biology course is designed to be the equivalent of a college introductory Biology course usually taken by Biology majors during their first year of college. AP Biology includes those topics covered in a college Biology course. AP Biology differs from Honors Biology with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work done by students, and the time and effort required of students. At the end of the AP Biology year, students are encouraged to take the AP Biology college board exam which may allow for the acquisition of college credit (score of 3,4 or 5). Students who have enrolled in the AP program must have successfully completed Biology and Chemistry. AP Biology goals provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal with the rapidly changing science of Biology. The AP Biology curriculum focuses on Four Big Ideas and Seven Science Practices, as assessed on the AP College Board Exam.

### **ADVANCED PLACEMENT (AP) CHEMISTRY**

Grade: 11, 12

**Prerequisite: Chemistry, Algebra II**

AP Chemistry is designed to be the equivalent of the general chemistry course usually taken during the first year of college. For most students, the course enables them to undertake, as a freshman, second year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. This course is structured around the "big ideas" articulated in the AP Chemistry curriculum framework provided by the College Board. AP Chemistry is open to all students that have completed a year of chemistry who wish to take part in a rigorous and academically challenging course.

## **ADVANCED PLACEMENT (AP) ENVIRONMENTAL SCIENCE**

Grade: 10, 11, 12

### **Prerequisite: Biology**

AP Environmental Science is a 3 trimester course. Explore and investigate the interrelationships of the natural world and analyze environmental problems, both natural and human-made. You'll take part in laboratory investigations and field work. This course is structured around the "big ideas" articulated in the AP Environmental Science curriculum framework provided by the College Board. Topics covered: the living world biodiversity and ecosystems, populations, earth systems, resources, land & water use, energy resources, pollution: atmospheric, aquatic, terrestrial, & global change.

## **ADVANCED PLACEMENT (AP) PHYSICS**

Grade: 11, 12

### **Prerequisite: Pre-Calculus (Honors Physics and Calculus recommended) (Offered in odd numbered years)**

The Advanced Placement Physics course will be taught on a level of difficulty equal to that of the college freshman, Calculus-based, Physics course. After taking the course, students will have been exposed to all the topics covered on the AP Physics C - Mechanics Exam. These topics include kinematics, forces, energy, momentum, rotation, gravitation, waves and oscillations. Laboratory experiments will be performed using the same technology found in colleges around the country. Strong math skills required.

## **ASTRONOMY**

Grade: 10, 11, 12

### **Prerequisite: Geometry (Offered in even numbered years only)**

Astronomy is the study of the universe in which we live. This one-term course will cover topics regarding the structure, formation, and origins of the bodies that make up the cosmos. Stars, planets, nebula, gravitation, cosmology, mapping, telescopes, light, and galaxies will all be covered.

## **EARTH SCIENCE**

Grade: 9, 10, 11, 12

### **Prerequisite: Recommended to take alongside Biology (Offered in even numbered years only)**

This one trimester course will allow students to gain a basic understanding of the fundamentals of Earth Science, as outlined in the Next Generation Science Standards. The main purpose of Earth Science is to introduce students to the Earth and the intricate workings of our Earth's systems. Earth Science courses cover concepts associated with the nature of science, near-earth objects, plate tectonics, earthquakes, volcanoes, mountains, rocks and minerals, geologic time, streams, groundwater, oceans, atmosphere, weather, climate and global change.

## **ENVIRONMENTAL SCIENCE**

Grade: 9, 10, 11, 12

### **Prerequisite: None**

Environmental science is a mid-level science course. It will cover core topics outlined by the Michigan Science Standards, based on the Next Generation Science Standards. Core ideas included are: Matter and energy in ecosystems, interdependent relationships in ecosystems, earth systems, human sustainability. Students will engage in scientific investigations to answer questions, and engineering design to solve problems. Seasonal outdoor lessons will take place, with an emphasis on our local ecosystems and communities.

## **FORENSICS**

Grade: 11, 12

### **Prerequisite: Biology and Chemistry**

Forensic Science is using science to catch criminals. This course includes such topics as Fingerprints, Hair forensics, DNA fingerprinting, Use of skeletons to determine age and height, Animal forensics, Blood spatter, Art forgery, Drugs and poisons, Bullets and Ballistics, Entomology, Odontology, Serial killers, Time of Death and much more. Particular case histories will be looked at. There are many hands-on labs. This course also involves other science subjects such as Chemistry, Biology, Statistics, Engineering, Physics, Earth Science, History and Physiology.

## **INTRODUCTION TO ADVANCED CHEMISTRY**

Grade: 10, 11, 12

### **Prerequisite: B or Higher in Chemistry (A)**

This will be a one-semester long course which introduces students to topics that they should be exposed to prior to AP Chemistry, but are not covered in the two-trimester Chemistry/Chemistry Honors curriculum due to time restrictions. These topics include: Significant Figures (Identifying & Calculations), Empirical & Molecular Formulas of Compounds, Resonance & Formal Charge of Molecules, Molecular Geometry, Properties of Gases & Gas Laws, Solutions Chemistry, Acid-Base Reactions, Thermochemistry & Specific Heat Capacity, Chemical Equilibrium

In this elective course, students who wish to take AP Chemistry (or who enjoy Chemistry content) will be exposed to these additional topics so that they are prepared and better able to handle the rigor of the AP-level course.

## **OCEANOGRAPHY**

Grade: 9, 10, 11, 12

### **Prerequisite: Biology (Offered in odd numbered years only)**

Oceanography is the study of the Oceans, seas, lakes and the impact of water (in all its forms) on our environment. It is regarded as an Earth Science but also concentrates on Marine Biology as well. This course will also be concerned with the Great lakes and the effects of glaciation, as well as invasive species. There are dissections, building model boats and many hands-on labs offered. Also involved will be sciences such as chemistry, earth science, physics, biology, engineering, meteorology, astronomy, ecology, history and economics.

## **PHYSICS**

Grade: 11, 12

**Prerequisite: None (Offered in odd numbered years only)**

This one trimester course will allow students to gain a basic understanding of the fundamentals of Physics, as outlined in the Next Generation Science Standards and will prepare students for science electives in subsequent years. Topics covered will include energy, motion, forces, momentum, waves, light, gravity, electricity, and magnetism.

## **PHYSICS HONORS**

Grade: 11, 12

**Prerequisite: Chemistry, Algebra II**

Physics is a study of how things work. Curiosity and the desire to explain observations is what makes Physics interesting. Topics covered include motion, forces, energy, waves, light, electricity, and magnetism. The ability to reason and apply mathematical relationships is necessary to learn physics. There will be many examples, demonstrations, laboratory activities, and practice problems to help clarify the concepts covered in class. Strong math skills recommended. Students that take Physics Honors do not have to take the one trimester class.

## **PHYSIOLOGY**

Grade: 10 w/approval, 11, 12

**Prerequisite: Biology**

Physiology is an introductory course into the human body. It is designed for students that are preparing for a career in human health, but also for everyone interested in how their own body functions. It surveys the levels of organization from the conception cell to tissues, organs, and organ systems. The course has a strong laboratory component.

## **ROBOTICS AND ENGINEERING**

Grade: 10 w/approval, 11, 12

**Prerequisite: Biology**

This course will be designed to introduce students to the high-demand fields of Robotics and Engineering. Students will engage in the Engineering Design Process as they plan, design, build, and endlessly iterate their designs while they construct a wide variety of engineering projects, electronics and robotics. The students will investigate many different STEM fields including civil, mechanical, electrical, mechatronic, marine, and aerospace engineering as they design and build a large number of robots, ROVs and drones. Students in the Robotics and Engineering course will form the core of our Viking Robotics teams and help us lift our participation in the many various robotic competitions.

## **COMPUTER SCIENCE ELECTIVES**

### **AP COMPUTER SCIENCE A**

Grade: 10, 11, 12

**Prerequisite: Algebra I**

AP Computer Science A will be a 3 trimester course that introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

**Course Equivalent:** AP Computer Science A is equivalent to a first-semester, college-level course in computer science.

### **COMPUTER SCIENCE PRINCIPLES**

Grade: 9, 10, 11, 12

**Prerequisite: Algebra I**

Computer Science Principles (CSP) curriculum is a rigorous, two trimester entry-level course that uses the code.org curriculum to introduce high school students to the foundations of modern computing. The course covers a broad range of topics such as programming, algorithms, the internet, big data, digital privacy and security, and the societal impacts of computing. Students will complete hands-on, everyday programming projects that give practical application of the concepts taught.

### **CYBERSECURITY**

Grade: 9, 10, 11, 12

**Prerequisite: None**

Fundamentals of Cybersecurity is the first online blended K12 cybersecurity course.

In this one trimester course students will learn foundational cybersecurity topics including networking fundamentals, software security, system administration and the basics of cryptography and programming, all through the CodeHS web-based platform. The entirely web-based curriculum is made up of a series of learning modules that cover the fundamentals of cybersecurity. Each module is made up of short video tutorials, example programs, quizzes, simulations, programming exercises, and free response prompts. This is not a coding intensive course, but students will learn basic SQL and JavaScript, and will utilize basic HTML and JavaScript within specific contexts while being provided with support within those contexts.

## **DATA SCIENCE WITH PYTHON**

Grade: 10,11,12

### **Prerequisite: Computer Science or Game I: Coding Games**

This one trimester course will equip students with the essential skills of a data scientist which include data collection, cleanup, transformation, analysis, and visualization. Students will write algorithms, tell data stories, and build statistical models using Python libraries. They will use the same tools that data scientists use to draw meaningful insights and solve organizational problems.

## **GAME I: CODING GAMES**

Grade: 9,10,11,12

### **Prerequisite: Algebra I**

In this one trimester course, students will learn how to code with javascript with a focus on simple games. This will provide a basic knowledge of programming that will lay the foundation for other computer science courses and game design.

## **GAME II: GAME DEVELOPMENT**

Grade: 10,11,12

### **Prerequisites: Game I: Coding Games**

In this two trimester course, students will use GameMaker to learn the fundamentals of programming in the context of creating their own projects. During the course, they will create several prototype projects, manage a larger personal project more independently, and complete challenges and quizzes along the way to solidify and expand their new knowledge.

## **3D PRINTING AND DESIGN**

Grade: 9,10,11,12

### **Prerequisite: Algebra I**

By the end of this one trimester course, By the end of the semester, students will be able to design a basic 3D model using TinkerCAD and explain the process of 3D printing on FDM and resin printers.

## SOCIAL SCIENCE DEPARTMENT

Course #	Course Name	Credits	Grade Level	Prerequisite(s)	Meets
1364/1362T	American Government	1	11-12	US and World History	MMC, NCAA
1368	American Government Honors	1	11-12	US and World History	MMC, NCAA
1399	AP Macro/Microeconomics	3	11-12	US and World History	MMC, NCAA
1365	AP US Government and Politics	3	11-12	US and World History	MMC, NCAA
1401	AP World History	3	10-12	US History	MMC, NCAA
1422/1408T	Economics	1	11-12	US and World History	MMC, NCAA
1400	Economics Honors	1	11-12	US and World History	MMC, NCAA
1396/1374T	US History/Geography	2	9	None	MMC, NCAA
1398	US History/Geography Honors	2	9	None	MMC, NCAA
1388/1394T	World History/Geography	2	10	US History	MMC, NCAA
1402	World History/Geography Honors	2	10	US History	MMC, NCAA
<b>ELECTIVE COURSES</b>					
1412	African-American History I	1	9-12	None	NCAA
1414	African-American History II	1	10-12	None	NCAA
1432	Ancient World History	1	9-12	None	NCAA
37954	AP African American History	3	11-12	None	None
1404	AP Human Geography	2	9-12	None	None
1409	AP Psychology	3	11-12	None	NCAA
1403	AP United States History	3	11-12	None	NCAA
1391	Criminal and Civil Law	1	11-12	None	NCAA
1386	Current Events	1	10-12	None	None
1430	History Through Movies/Music	1	9-12	None	None
1438	Holocaust and Genocide	1	10-12	None	None
1387	Michigan History	1	9-12	None	NCAA
1395	Psychology	1	11-12	None	NCAA
1397	Sociology	1	11-12	None	NCAA
1407	Women in World History	1	9-12	None	NCAA
1434	The World and You	1	9-10	None	None

## **SOCIAL SCIENCE CORE**

### **AMERICAN GOVERNMENT**

Grade: 11, 12

#### **Prerequisite: None**

This course is designed to provide the student with information and activities that will generate an interest in becoming an active citizen of the United States. Each class will emphasize the study of all major topics outlined by Michigan's High School Social Science American Government Expectations for college and career readiness. Text and materials will be used to evaluate the current domestic and foreign affairs of our American Government. Offered in general or co-taught format.

### **AMERICAN GOVERNMENT HONORS**

Grade: 11, 12

#### **Prerequisite: None**

This course is designed to provide the student with information and activities that will generate an interest in becoming an active citizen of the United States. Each class will emphasize the study of all major topics outlined by Michigan's High School Social Science American Government Expectations for college and career readiness. This course offers a more in depth study into the American Government curriculum and will allow them to have an excellent background toward pursuing further study in advanced American government or beyond. Text and materials will be used to evaluate the current domestic and foreign affairs of our American Government.

### **ADVANCED PLACEMENT (AP) MACRO/MICRO ECONOMICS**

Grade: 11, 12

#### **Prerequisite: None**

The Economics courses are designed for the students who will continue their education in college or technical studies. Economics deals with the study of how society, using limited resources, goes about producing, distributing, and consuming goods and services in order to satisfy their unlimited wants. Each class includes the basic core program and individual teachers will follow the core program and provide for advanced assignments as the course demands. Students will participate in a Computer Economic Simulation in competition against students from throughout Michigan. Phase 4 advanced placement Economics provides instruction for students who read above grade level. This course is intended to prepare the student for the AP Exam.

### **ADVANCED PLACEMENT (AP) U.S. GOVERNMENT AND POLITICS**

Grade: 11, 12

#### **Prerequisite: None**

The American Government courses are designed to provide the student with information and activities that will generate an interest in becoming an active citizen of the United States. Each class includes the basic core program and individual teachers will follow the core program and provide for advanced assignments as the course demands. Text and materials will be used to help students evaluate the current domestic and foreign affairs of our American Government. Phase 4 (Advanced Placement American Government) provides instruction directed at students reading above grade level. This course is designed to prepare the student for the Advanced Placement Exam.

### **ADVANCED PLACEMENT (AP) WORLD HISTORY**

Grade: 10, 11, 12

#### **Prerequisite: None**

The purpose of the Advanced Placement (AP) course in World History is to prepare qualified students in understanding the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. Focused primarily on the past thousand years of global experience, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, have set the stage for the world of the 21<sup>st</sup> Century. The program prepares students for the mandatory Advanced Placement World History Examination and the mandatory Advanced Placement European History Examination, which are both given in May. Students who perform satisfactorily on either one or both of the exams are granted college credits and/or advanced placement by more than 2900 colleges and universities worldwide.

### **ECONOMICS**

Grade: 11

#### **Prerequisite: None**

This course deals with the study of how society, using limited resources, goes about producing, distributing, and consuming goods in order to satisfy their unlimited wants. Each class will emphasize the study of all major topics outlined by Michigan's High School Social Science Economic expectations for college and career readiness. When available, students will participate in a Computer Economic simulation against students from throughout Michigan. Offered in general or co-taught format.

### **ECONOMICS HONORS**

Grade: 11

#### **Prerequisite: None**

This course deals with the study of how society, using limited resources, goes about producing, distributing, and consuming goods in order to satisfy their unlimited wants. Each class will emphasize the study of all major topics outlined by Michigan's High School Social Science Economic Expectations for college and career readiness. This course offers a more in depth study into the Economic curriculum, and will allow them to have an excellent background into advanced economics or beyond. When available, students will participate in a Computer Economic Simulation in competition against students from throughout Michigan.

## **UNITED STATES HISTORY & GEOGRAPHY**

Grade: 9

### **Prerequisite: None**

This course begins with the history of World War I, and will cover material up to the present time. This course will help students become aware of the legacy of hope bequeathed to them by previous generations of Americans, a legacy that is theirs to preserve and build on. The course meets the State of Michigan's High School Social Science United States History expectations for college and career readiness. Most work will be completed in class with the textbook presenting the story of the American nation in a basic and simplified language. Offered in general, co-taught format, and direct format.

## **UNITED STATES HISTORY & GEOGRAPHY HONORS**

Grade: 9

### **Prerequisite: None**

This course begins with the history of World War I, and will cover material up to the present time. This course will help students become aware of the legacy of hope bequeathed to them by previous generations of Americans, a legacy that is theirs to preserve and build on. The course meets the State of Michigan's High School Social Science expectations for college and career readiness. This course involves a more in depth study into the History curriculum and will allow them to have an excellent background toward pursuing further study in advanced history or beyond.

## **WORLD HISTORY & GEOGRAPHY**

Grade: 10

### **Prerequisite: None**

This course is designed to teach students the urban, economic, historical, cultural, and physical aspects of world history and geography. Emphasis will be on the study of all major topics outlined by Michigan's High School Social Science World History and Geography Content Expectations for college and career readiness. Text and materials will include a strong technological component. Offered in general, co-taught format, and direct format.

## **WORLD HISTORY & GEOGRAPHY HONORS**

Grade: 10

### **Prerequisite: None**

This course is designed to teach students the urban, economic, historical, cultural and physical aspects of world history and geography. Emphasis will be on the study of all major topics outlined by Michigan's High School Social Science World History and Geography Content Expectations for college and career readiness. This course offers a more in depth study into the World History-Geography curriculum and will allow them to have an excellent background toward pursuing further study in advanced world history and geography or beyond. This course emphasizes critical thinking skills, and an awareness of process in addition to memorization of facts. Text and material will include a strong technological component.

## **SOCIAL SCIENCE ELECTIVES**

### **AFRICAN AMERICAN HISTORY I**

Grade: 9, 10, 11, 12

#### **Prerequisite: None**

This course will bring the history of African-American experiences to life and will invite students to explore the rich culture that African-Americans have nurtured throughout their history. It examines the many faceted quest of African-Americans for freedom, and uses audio features, such as "African-American Voices" that will draw students in, and keep them involved in the study of history. It begins with an overview of African history, and focuses on African-American history from 6000 B.C.E. to 1865.

### **AFRICAN AMERICAN HISTORY II**

Grade: 10, 11, 12

#### **Prerequisite: None**

This course will bring the history of African-American experiences to life and invites students to explore the rich culture that African-Americans have nurtured throughout their history. It examines the many faceted quest of African-Americans for freedom, and uses audio features, such as "African-American Voices" that will draw students in, and keep them involved in the study of history. It focuses on African-American history from reconstruction to today.

### **ADVANCED PLACEMENT (AP) AFRICAN AMERICAN HISTORY**

Grade: 11, 12

#### **Prerequisite: None**

AP African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. Given the interdisciplinary character of African American studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora.

(from the AP course framework).

## **ADVANCED PLACEMENT (AP) HUMAN GEOGRAPHY**

Grade: 9, 10, 11, 12

### **Prerequisite: None**

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National GeographyStandards (2012). (from the AP course framework).

## **ADVANCED PLACEMENT (AP) PSYCHOLOGY**

Grade: 11, 12

### **Prerequisite: None**

The goal of the AP Psychology course is to provide the student with a learning experience that mirrors must college introductory psychology courses. Students will gain knowledge of key theories and concepts of the many subfields within psychology, and they will apply skills in understanding and critiquing psychological research. Emphasis will be made on the development of critical psychological reasoning skills that challenge students to think, as well as improving communicative skills.

## **ADVANCED PLACEMENT (AP) U.S. HISTORY**

Grade: 11, 12

### **Prerequisite: US History or Instructor Approval**

This course in United States History is designed for qualified students who wish to complete studies in secondary school equivalent to a college introductory course in U.S. history. The course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for the Advanced Placement United States History Examination, which is given in May.

## **ANCIENT WORLD HISTORY**

Grade: 9, 10, 11, 12

### **Prerequisite: None**

The Ancient History elective is primarily focused on the skills and knowledge necessary to understand and interpret history using events before ca. 300 CE. Students will 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 will develop skills necessary to arrive at conclusions based on informed judgments and to present arguments and evidence clearly and persuasively using historical developments from the Neolithic Revolution to the late Classical era.

## **CRIMINAL AND CIVIL LAW**

Grade: 11, 12

### **Prerequisite: None**

Criminal and Civil Law intends to provide students with a practical understanding of law and the legal system that they use in their everyday lives. Students will research and discuss the human values underlying the legal system and the concept of rights and responsibilities. Students will explore in depth, the law and the legal system, with emphasis in the area of criminal justice. Text and primary resources will be used for the course. Students may participate in statewide mock trial competitions.

## **CURRENT EVENTS**

Grade: 10, 11, 12

### **Prerequisite: None**

This course emphasizes reading comprehension, critical thinking, problem solving, oral expression, and media literacy in a social study setting. The curriculum for this course will not focus on specific facts and dates, but rather a project based evaluation. The class will offer ideal opportunities to become informed citizens and learn to become lifelong news readers. Students will focus on such areas of study as national events, state events, local events, and foreign events.

## **HOLOCAUST AND GENOCIDE**

Grade: 10, 11, 12

### **Prerequisite: None**

Mass violence, torture, and mistreatment of human beings are continuing aspects of humanity. This course will provide students with a greater understanding of the psychological, sociological, cultural, and political roots of Genocide, human cruelty, and mass violence. This trimester course begins with an in-depth analysis of the term genocide, and continues looking at the major flash points of this conflict, including a history of anti-Semitism, Jewish life before the Holocaust, Hitler's rise to power, Jews in Germany and Europe, World War II, Poland and the death camps, the Final Solution, resistance and rescue, the U.S.' response, liberation, and the Nuremberg Trials. The course will then transition into applying the concepts and factors that make the environment ripe for a Genocide and apply them to case studies of Genocide globally. Students will discuss other global genocides such as what happened in both Armenia and Rwanda as well as the issue of Gendercide which is a huge issue in Asia today. Ultimately, this course seeks to uncover the various themes and patterns of Genocides, honor those who have been lost in ethnic conflict, and remember their history and legacy to prevent this pattern from occurring again.

## **HISTORY THROUGH MOVIES AND MUSIC**

Grade: 9, 10, 11, 12

### **Prerequisite: None**

This is a trimester-long elective Social Studies class where we will be studying US History through various films. In class we will be watching films, discussing their main ideas and then doing assignments to process these ideas.

## **MICHIGAN HISTORY**

Grade: 9, 10, 11, 12

### **Prerequisite: None**

Michigan History is the study of the state of Michigan from prehistoric times to the present. It includes a study of the industry, resources and variety of interests and activities within the state. It also includes a study of geography as well as a study of Jackson County.

## **PSYCHOLOGY**

Grade: 11, 12

### **Prerequisite: None**

This is a class designed for students considering pursuing a college education and will present the physiological and psychological development of man from birth through old age. The various psychological stages through which man passes are presented through a textbook, recent research articles relating to human behavior, films exploring specialized areas of psychology, and activities designed to allow students to apply concepts learned. An average or above reading level is required for satisfactory comprehension of assigned materials.

## **SOCIOLOGY**

Grade: 11, 12

### **Prerequisite: None**

Course that studies human society and social behavior. Its main interest is how people relate to one another and influence each other's behavior. Areas of emphasis include cultural values, development of self, defiance and crime, class system, discrimination, status and roles, the family, school, church, collective behavior and social movement.

## **WOMEN IN WORLD HISTORY**

Grade: 9, 10, 11, 12

### **Prerequisite: None**

This course is a comprehensive study of women throughout history and the contributions they have made throughout time. Students will learn that women played important roles while ruling nations, fighting in wars, contributing to the economies of the world, and researching and developing advancements in the sciences. This course will illustrate to students that women were important players.

## **THE WORLD AND YOU**

Grade: 9, 10

### **Prerequisite: None**

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. This course will focus on necessary skills for the successful Social Studies student as well as skills needed for the SAT and other national tests. Students will analyze graphs, maps, and charts as well as academic readings to examine socio economic organization and its environmental consequences. The curriculum reflects the goals of the National Geography Standards (2020).

<b>SPECIAL EDUCATION DEPARTMENT</b>			
<b>ENGLISH</b>			
<b><u>COURSE #</u></b>	<b><u>COURSE NAME</u></b>	<b><u>CREDITS</u></b>	<b><u>GRADE LEVEL</u></b>
1511	Direct English 9	3	9
1513	Direct English 10	3	10
1523	Direct English 11	3	11
0304T	English 9	3	9
0323T	English 10	3	10
1098T	English 11	3	11
1104T	English 12	3	12
1507	Modified English	3	9-12
1509	Interpreted English	3	9-12
1639	Effective English	3	9-12
<b>LIFE SKILLS</b>			
<b><u>COURSE #</u></b>	<b><u>CLASS NAME</u></b>		
1529	Modified Survival Skills	3	9-12
1530	Direct Academic Skills	1-3	9-10
1573	Interpreted Study Skills	1-3	9-12

<b>LIFE SKILLS</b>	<b>continued...</b>		
1579	Modified Work Experience	3	9-12
1620	Effective Study Skills	3	9-12
<b>MATH</b>			
<b>COURSE #</b>	<b>CLASS NAME</b>		
1587	Direct Pre-Algebra	3	9-12
1589	Interpreted Math	3	9-12
1591	Modified Mathematics	3	9-12
1597	Dir Algebra	3	9-12
1205T	Algebra I	3	9-12
1599	Dir Geometry	3	9-12
1220T	Geometry	3	10-12
1224T	Algebra II	3	10-12
1629	Effective Algebra I	3	9-12
1603	Effective Geometry	3	10-12
1588	Direct Personal Finance	2	11-12
<b>PHYSICAL EDUCATION</b>			
<b>COURSE #</b>	<b>CLASS NAME</b>		
1282T	Basic PE	1	9-10
1609	Modified Physical Education	3	9-12
1284	Health	1	9-10
<b>SCIENCE</b>			
<b>COURSE #</b>	<b>CLASS NAME</b>		
1611	Direct Biology	2	9-12
1332T	Biology	2	9-12
1326T	Chemistry	2	10-12
1613	Direct Chemistry	2	9-12
1615	Modified Science	3	9-12
1616	Effective Biology	2	9-12
1607	Effective Chemistry	2	10-12
1618	Effective Earth Science	2	9-12
1661	Interpreted Science	3	9-12
<b>SOCIAL SCIENCE</b>			
<b>COURSE #</b>	<b>CLASS NAME</b>		
1374T	US History/Geography	2	9
1394T	World History/Geography	2	10
1362T	American Government	1	11-12
1408T	Economics	1	11-12
1625	Direct US History/Geography	2	9
1627	Direct World History/Geography	2	10
1631	Direct American Government	1	11-12
1633	Modified History	3	9-12
1637	Interpreted History	3	9-12
1646	Effective US History	2	9-12
1630	Effective World History	2	9-12
1649	Effective Economics	1	9-12
1650	Effective Government	1	9-12

## WORLD LANGUAGES DEPARTMENT

Course #	Course Name	Credits	Grade Level	Prerequisite(s)	Meets
37958	AP French Language	3	11-12	Instructor approval	MMC, NCAA
1177	AP German Language	3	11-12	Instructor approval	MMC, NCAA
1189	AP Spanish Language	3	11-12	Instructor approval	MMC, NCAA
1161	French I	2	9-12	None	MMC, NCAA
1163	French II	2	9-12	French I	MMC, NCAA
1165/1167	French III/IV	2	10-12	French II	MMC, NCAA
1169	German I	2	9-12	None	MMC, NCAA
1171	German II	2	9-12	German I	MMC, NCAA
1173/1175	German III/IV	2	10-12	German II	MMC, NCAA
1183	Spanish I	2	9-12	None	MMC, NCAA
1185	Spanish II	2	9-12	Spanish I	MMC, NCAA
1191/1193	Spanish III/IV	2	10-12	Spanish II	MMC, NCAA
37952	Spanish for Native Speakers	2	9-12	Instructor approval	

### **AP FRENCH LANGUAGE**

Grade: 11, 12

#### **Prerequisite: Instructor Approval**

The year-long AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions)

### **AP GERMAN LANGUAGE**

Grade: 11, 12

#### **Prerequisite: Instructor Approval**

This year-long AP course is designed to provide students with a learning experience equivalent to that of a third-year college course. It is intended for students who wish to develop proficiency and integrate their language skills, using authentic materials and sources. This course will help prepare students to demonstrate their level of German proficiency across three communicative modes: Interpersonal (interactive communication), Interpretive (receptive communication), and Presentational (productive communication), and the five goal areas outlined in the Standards for Foreign Language Learning (Communication, Cultures, Connections, Comparisons, and Communities). During the course students will be exposed to authentic materials that revolve around the six AP Themes of Contemporary Life, Family and Communities, Personal and Public Identities, Beauty and Aesthetics, Globalization, and Science and Technology and will participate in practice to prepare for the test. Students enrolled in this course are encouraged to take the AP German Language and Culture Exam during the third trimester.

### **AP SPANISH**

Grade: 11, 12

#### **Prerequisite: Instructor Approval**

This year-long AP course is designed to provide students with a learning experience equivalent to that of a third-year college course. It is intended for students who wish to develop proficiency and integrate their language skills, using authentic materials and sources. This course will help prepare students to demonstrate their level of German proficiency across three communicative modes: Interpersonal (interactive communication), Interpretive (receptive communication), and Presentational (productive communication), and the five goal areas outlined in the Standards for Foreign Language Learning (Communication, Cultures, Connections, Comparisons, and Communities). During the course students will be exposed to authentic materials that revolve around the six AP Themes of Contemporary Life, Family and Communities, Personal and Public Identities, Beauty and

## **AP SPANISH cont...**

Aesthetics, Globalization, and Science and Technology and will participate in practice to prepare for the test. Students enrolled in this course are encouraged to take the AP Spanish Language and Culture Exam during the third trimester.

## **FRENCH I A**

Grade: 9, 10, 11, 12

**Prerequisite: None**

This course provides an introduction to French language and culture. Students will develop a proficiency in all four of the skill areas, listening, speaking, reading and writing, commensurate with their level. Student outcomes include, demonstrating communicative competency in using the present and near future tense of the regular –er verbs and the irregular verbs avoir and être; negation of verbs; common adverbial phrases; possessive and descriptive adjectives. Basic vocabulary study includes the following: numbers, family, class objects, pets, time, likes & dislikes; common activities. Cultural study includes the following: The 24 hour clock; French-speaking countries of the World; school life; family structure; Geography of North Central France. The course is student centered, giving the students the opportunity to use the language in both interpersonal and presentational contexts.

## **FRENCH I B**

Grade: 9, 10, 11, 12

**Prerequisite: Passing grade in French 1A**

This course continues the introduction to French language and culture. Students will continue to develop a proficiency in all four of the skill areas, listening, speaking, reading and writing, commensurate with their level. Student outcomes include, demonstrating communicative competency in using the present and near future tense of the irregular verbs aller, faire, boire, prendre, mettre, vouloir and common reflexive verbs; the recent past; and question formation. Basic vocabulary study includes the following: sports & hobbies; places in town, weather expressions days of the week, months of the year; foods; rooms of the house; household chores; and clothing. Cultural study includes the following: Teenage pastimes; organized sports; use of the metric system for weather & clothing; Northern vs. Southern Hemispheres; restaurant ordering & etiquette; Geography of Southwestern France & French-speaking Africa. The course is student centered, giving the students the opportunity to use the language in both interpersonal and presentational contexts.

## **FRENCH II A**

Grade: 9, 10, 11, 12

**Prerequisite: Passing grades in both French 1A and French 1B**

This course reviews the grammatical structures, verbs and vocabulary learned in French 1A and French 1B. New student outcomes include demonstrating proficiency in using the present tense of regular and irregular –ir verbs; regular and irregular –re verbs; passé composé of all regular verb groups. More complex vocabulary study includes: personality traits; professions; nationality; school locations; city locations; personal care items; celebrations & holidays; fruits & vegetables; cooking & restaurants. Cultural themes from the first level are expanded in a correlative context. Audio-lingual competencies are further developed and reinforced with reading, listening, speaking and writing activities.

## **FRENCH II B**

Grade: 9, 10, 11, 12

**Prerequisite: Passing grade in French 2A**

This course continues the grammatical structures, verbs and vocabulary studied in French 2A. New student outcomes include demonstrating proficiency in using the imperfect, future and conditional tenses of regular and irregular –ir verbs; contrasting the usage of the passé composé and the imperfect tenses; comparative and superlative structures;. More complex vocabulary study includes: country life vs. city life; farm animals; childhood activities; camping and nature; wild animals; parts of the body & health; technology. Cultural themes from the first level are expanded in a correlative context. Audio-lingual competencies are further developed and reinforced with reading, listening, speaking and writing activities.

## **FRENCH III/IV A**

Grade: 10, 11, 12

**Prerequisite: Passing grades in French 2A and French 2B (Offered every other year (odd years))**

This course provides in-depth study of structures introduced in French 1 and French 2. Grammar structures examined are the following: the present tense and infinitive constructions; the passé composé vs. the imperfect tenses; reflexive verbs; the future tense; the conditional mood and “si” clauses. In-depth vocabulary themes include: school subjects and materials; after school activities; summertime activities; places in town and country; professions and services. Functions include: talking about likes and dislikes, future plans, frequency of activities; description of past events; making polite requests. *Literature selection: Le Comte de Monte Cristo*

## **FRENCH III/IV B**

Grade: 10, 11, 12

**Prerequisite: Passing grades in French 2A and French 2B (Offered every other year (odd years))**

This course provides in-depth study of structures introduced in French 1 and French 2. Grammar structures examined are the following: The passé simple; relative pronouns; adjective placement; the past perfect tense; the conditional perfect; the future perfect; sequence of tenses in multi-clause sentences; the past infinitive. In-depth vocabulary themes include: fairy tales & legends; historical accounts; government conflicts. Functions include: setting the scene of a story; relating a sequence of events; talking about what someone else said/did. *Literature selection: Le Petit Prince*

## **FRENCH III/IV C**

Grade: 10, 11, 12

**Prerequisite: Passing grades in French 2A and French 2B (Offered every other year (even years))**

This course provides in-depth study of structures introduced in French 1 and French 2. Grammar structures examined are the following: comparative and superlative structures; the passive voice; use of prepositions; usage of quand/lorsque/dès que; present tense subjunctive forms; usage of subjunctive after conjunctions & with doubt/uncertainty. In-depth vocabulary themes include: Natural phenomena; environmental issues; the news media. Functions include: expressing caution; giving reasons; making predictions and assumptions; expressing certainty, possibility, doubt and disbelief. *Literature selection: Voyage au Centre de la Terre*

## **FRENCH III/IV D**

Grade: 10, 11, 12

**Prerequisite: Passing grades in French 2A and French 2B (Offered every other year (even years))**

This course provides in-depth study of structures introduced in French 1 and French 2. Grammar structures examined are the following: Inverted questions; present participles as adjectives; demonstrative pronouns; savoir vs. connaître. In-depth vocabulary themes include: fine art genres; music; performing arts. Functions include: giving opinions; changing the subject in a conversation; making suggestions. *Literature selection: Lancelot*

## **GERMAN I A**

Grade: 9, 10, 11, 12

**Prerequisite: None**

German 1A introduces the German language and the cultures of the German speaking countries. Effective communication and confidence in using and understanding basic vocabulary and sentence structure is emphasized. The course objectives are for the students to be able to possess a broad basic vocabulary including numbers, colors, months, seasons, days of the week, family, possessive and descriptive adjectives, classroom objects, pets, time, and likes and dislikes. Students are introduced to the present tense of the verbs to have, to be, to be named, to live, to be able to, and to like. Students will formulate questions on familiar topics, use negation, and interact with some fundamental components of German culture related to the topics stated. Students listen and speak German daily, take regular written and oral quizzes and exams, develop projects, write short sentences in the target language, and perform short dialogues for the teacher or small peer group. *Literature: Fritz in Amerika*

## **GERMAN I B**

Grade: 9, 10, 11, 12

**Prerequisite: Passing grade in German 1A**

German 1B continues an introduction to the German language and the cultures of the German speaking countries. Effective communication and confidence using the language is emphasized. The course objectives are for the students to be able to converse utilizing the present tense, to possess a broad basic vocabulary including weather, sports and hobbies, places in town, rooms of the house, chores, clothing, and food. Students learn the present tense of the rest of the modals and other irregular verbs. Students will learn to talk about someone/something in the third person, and to interact with some fundamental components of German culture related to the topics stated. Students listen and speak German daily, take regular written and oral quizzes and exams, develop projects, write short sentences in the target language, and perform short dialogues for the teacher or small peer groups. *Literature: Geld oder Liebe*

## **GERMAN II A**

Grade: 9, 10, 11, 12

**Prerequisite: Passing grades in German 1A and German 1B**

German 2A continues to present the German language and cultures of the German speaking countries. This course reviews the grammatical structures, verbs and vocabulary learned in German 1A and German 1B. The course objectives are for the students to be able to converse utilizing the present tense, recognizing and using the written and spoken forms of the past tense. Students will continue to broaden their vocabulary and use their reading and writing skills to explore contemporary life of German speaking people. Students will listen and speak German daily, take regular written and oral quizzes and exams, develop projects, write paragraphs in the target language, and perform short dialogues/oral presentations for the class. Themes covered in this course include professions, personality traits, celebrations and holidays. *Literature: Oh wie schön ist Panama*

## **GERMAN II B**

Grade: 9, 10, 11, 12

**Prerequisite: Passing grade in German 2A**

German 2B continues to present the German language and cultures of the German speaking countries. This course reviews the grammatical structures, verbs and vocabulary learned in German 2A.. The course objectives are for the students to be able to write/converse utilizing the present tense as well as written and spoken forms of the past tense, reflexive verbs and using verbs plus infinitives. Students will continue to broaden their vocabulary and use their reading and writing skills to explore contemporary life of German speaking people. Students will listen and speak German daily, take regular written and oral quizzes and exams, develop projects, write paragraphs and stories in the target language, and perform short skits for the class. Themes covered in this course include friendship and relationships, traveling with a group, outdoor activities, lifestyles, and eating out/shopping. This course is student centered, giving the students the opportunity to use the language in both interpersonal and presentational scenarios. *Literature: Grimms Märchen*

## **GERMAN III/IV A**

Grade: 10, 11, 12

**Prerequisite: Passing grades in German 2A and German 2B (Offered every other year)**

*Literature: "Die Ilse ist weg"*

3/4 A is a trimester course which begins with a review of essential basic knowledge of grammar concepts and vocabulary introduced in German 1 and 2. Emphasis is on communicating in German through speaking, listening, reading, and writing in various aspects of time. Students will be introduced to a higher level vocabulary and complex grammar structures such as da/wo compounds, coordinating and subordinating conjunctions,

### **GERMAN III/IV A cont...**

and the dative case. Students will read articles from newspapers and magazines and different literature genres. In addition, students will watch/listen to and discuss authentic videos/podcasts. All materials in this unit will introduce students to the vocabulary and themes of contemporary daily life and family and communities. At all times, the primary focus will be to increase the students' ability to comprehend and communicate in German with ease and confidence. In this class students will listen and speak German daily, take regular written and oral quizzes and exams, develop projects, write 5 paragraph essays in the target language, and perform thorough oral presentations and Internet projects such as blogging, animoto and more.

### **GERMAN III/IV B**

Grade: 10, 11, 12

**Prerequisite: Passing grades in German 2A and German 2B (Offered every other year (odd years))**

German 3/4 B is a trimester course in which students are expected to converse and write about various topics in the target language. Contemporary publications, historical texts, music, and original works of literature are studied and used as the substance of classroom discussion. In addition, students will watch/listen to and discuss authentic videos/podcasts. All materials in this unit will introduce students to the vocabulary and themes of science and technology and environmental issues. Advanced grammar topics are covered including, the genitive case, and adverbial phrases, and verbs plus infinitives. Students are expected to build on their previous three years of study and begin expanding their language through emails, essays, conversations, and speeches in German. *Literature: Leseprobe: Beta*

### **GERMAN III/IV C**

Grade: 10, 11, 12

**Prerequisite: Passing grades in German 2A and German 2B (Offered every other year (even years))**

Course begins with a review of essential basic knowledge of grammar concepts and vocabulary introduced in German 1 and 2. Emphasis is on communicating in German through speaking, listening, reading, and writing in various aspects of time. Students will be introduced to a higher level vocabulary and complex grammar such as the past perfect tense and the subjunctive II. They will be exposed to articles from newspapers and magazines, and different literature genres. In addition, students will watch/listen to and discuss authentic videos/podcasts. All materials in this unit will introduce students to the vocabulary and themes of contemporary life, specifically professions and the work training and innovation and technology in the family and on the job. At all times, the primary focus will be to increase the students' ability to comprehend and communicate in German with ease and confidence. In this class students will listen and speak German daily, take regular written and oral quizzes and exams, develop projects, write 5 paragraph essays in the target language, and perform thorough oral presentations. *Literature: Leseprobe Mein Leben, die Liebe und der ganze Rest von Conni*

### **GERMAN III/IV D**

Grade: 10, 11, 12

**Prerequisite: Passing grades in German 2A and German 2B  
Offered every other year (odd years)**

German 3/4 B or 3/4D is a trimester course in which students are expected to converse and write about various topics in the target language. Contemporary publications, historical texts, music, and original works of literature are studied and used as the substance of classroom discussion. In addition, students will watch/listen to and discuss authentic videos/podcasts. All materials in this unit will introduce students to the vocabulary and themes of multiculturalism and beauty and aesthetics. An appreciation of music, art and other cultural aspects of countries is developed and studied through the target language. Advanced grammar topics are covered, and students are expected to build on their previous three years of study and begin expanding their language through emails, essays, conversations, and speeches in German. *Literature: Spaghetti für zwei, Der Panther, Der Erbkönig*

### **SPANISH I A**

Grade: 9, 10, 11, 12

**Prerequisite: None**

This course provides an introduction to the language and culture of Spanish-speaking areas of the World. Students will develop a proficiency in all four of the skill areas, listening, speaking, reading and writing, commensurate with their level. Student outcomes include, demonstrating communicative competency in using the present and near future tense of the regular –ar verbs and the irregular verbs ser, estar and tener; negation of verbs; common adverbial phrases; possessive and descriptive adjectives; the use of gustar. Basic vocabulary study includes the following: numbers, family, class objects, pets, time, likes & dislikes; common activities. Cultural study includes the following: The 24 hour clock; Spanish-speaking countries of the World; school life; family structure; Geography of Costa Rica, Chile & the Dominican Republic. The course is student centered, giving the students the opportunity to use the language in both interpersonal and presentational contexts.

### **SPANISH I B**

Grade: 9, 10, 11, 12

**Prerequisite: Passing grade in Spanish 1A**

This course continues the introduction to the language and culture of Spanish-speaking areas of the World. Students will develop a proficiency in all four of the skill areas, listening, speaking, reading and writing, commensurate with their level. Student outcomes include, demonstrating communicative competency in using the present and near future tense of the regular –er & -ir verbs and the irregular verbs ir and venir; question formation; present tense of reflexive verbs. Basic vocabulary study includes the following: sports & hobbies; places in town; prepositions of place; weather; days of the week; months of the year; household chores; rooms of the house & clothing. Cultural study includes the following: Teenage activities; metric system usage; Northern vs. southern hemispheres; restaurant ordering & etiquette; geography of Puerto Rico, Argentina & Mexico. The course is student centered, giving the students the opportunity to use the language in both interpersonal and presentational contexts.

## **SPANISH II A**

Grade: 9, 10, 11, 12

**Prerequisite:** Passing grades in both Spanish 1A and Spanish 1B

This course reviews the grammatical structures, verbs and vocabulary learned in Spanish 1A and Spanish 1B. New student outcomes include demonstrating proficiency in using the present tense of regular and irregular verbs; preterite tense of all regular and irregular verb groups. More complex vocabulary study includes: personality traits; professions; nationality; school locations; city locations; personal care items; celebrations & holidays; fruits & vegetables; cooking & restaurants. Cultural themes from the first level are expanded in a correlative context. Audio-lingual competencies are further developed and reinforced with reading, listening, speaking and writing activities.

## **SPANISH II B**

Grade: 9, 10, 11, 12

**Prerequisite:** Passing grade in Spanish 2A

This course continues the grammatical structures, verbs and vocabulary studied in Spanish 2A. New student outcomes include demonstrating proficiency in using the imperfect, future and conditional tenses of regular and irregular verbs; contrasting the usage of the preterite and the imperfect tenses; comparative and superlative structures;. More complex vocabulary study includes: country life vs. city life; farm animals; childhood activities; camping and nature; wild animals; parts of the body & health; technology. Cultural themes from the first level are expanded in a correlative context. Audio-lingual competencies are further developed and reinforced with reading, listening, speaking and writing activities.

## **SPANISH III/IV A**

Grade: 10, 11, 12

**Prerequisite:** Passing grades in Spanish 2A and Spanish 2B

**Offered every other year (odd years)**

This course provides in-depth study of structures introduced in Spanish 1 and Spanish 2. Grammar structures examined are the following: the usage of ser & estar; the preterite vs. the imperfect; the past progressive; usage of “se” and indirect object pronouns. In-depth vocabulary themes include: vacation activities; weather expressions; pastimes; sports; invitations; foods. Functions include: talking about likes and dislikes, frequency of activities; description of past events. Literature selection: [El Secuestro](#)

## **SPANISH III/IV B**

Grade: 10, 11, 12

**Prerequisite:** Passing grades in Spanish 2A and Spanish 2B

**Offered every other year (odd years)**

This course provides in-depth study of structures introduced in Spanish 1 and Spanish 2. Grammar structures examined are the following: the comparative and superlative; negative expressions; the future tense; the conditional tense; the passive & impersonal “se”; the passive voice. In-depth vocabulary themes include: Leisure time activities; relationships & advice; apologies; art & architecture. Functions include: talking about relationships & giving advice; making apologies; talking about future plans; making polite requests. Literature selection: [Don Quixote](#)

## **SPANISH III/IV C**

Grade: 10, 11, 12

**Prerequisite:** Passing grades in Spanish 2A and Spanish 2B

**Offered every other year (even years)**

This course provides in-depth study of structures introduced in Spanish 1 and Spanish 2. Grammar structures examined are the following: the preterite vs. the imperfect tenses; negative expressions; using “desde” & “desde hace”. In-depth vocabulary themes include: Social activities; physical activities & sports; time expressions; vacation destinations; natural phenomena. Functions include: talking when things happen; making invitations; describing places and weather events. Literature selection: [El Ojo de Agua](#)

## **SPANISH III/IV D**

Grade: 10, 11, 12

**Prerequisite:** Passing grades in Spanish 2A and Spanish 2B

**Offered every other year (even years)**

This course provides in-depth study of structures introduced in Spanish 1 and Spanish 2. Grammar structures examined are the following: the present tense subjunctive forms; the use of the subjunctive after wishes, will, emotions & doubt; the present perfect subjunctive form. In-depth vocabulary themes include: chores & household equipment; medical problems. Functions include: offering & asking for help; expressing emotions & doubt;. Literature selection: [El Cid](#)

## **SPANISH FOR NATIVE SPEAKERS**

Grade: 9, 10, 11, 12

**Prerequisite:** None

Spanish for Native Speakers is designed specifically for native/heritage speakers of Spanish. Is a course to help heritage language speakers to develop, this course is designed to meet the needs of students who have attained mastery in speaking Spanish, but require continued study in grammar, vocabulary, and writing. It will help students improve their understanding of Spanish grammar and their ability to write in Spanish. Instruction will be primarily in Spanish.

Emphasis will be placed on reading, writing, listening and speaking the Spanish language. Students will also increase their awareness and appreciation of different Hispanic cultures. Many Spanish-speaking students are unaware of the brilliant culture from which they come. This class will expose the students to important elements of that culture – art, music, literature, etc. Enrollment is determined by testing through the World Language Department.

## **ADDITIONAL COURSES AVAILABLE**

### **ADVISORY**

Advisory time (Tuesdays and Fridays) provide faculty and students flexibility to work on academic, social-emotional, and life skill development. Advisory is intended to create positive learning communities and provide students with a purposeful support system through the role of a trusted adult in the building. All students are placed with an advisor. The grade is P/F only and does not count towards one's GPA.

### **AP CAPSTONE**

"AP Capstone™ is a diploma program based on two year long AP courses: AP Seminar and AP Research. These courses are designed to complement other AP courses that the AP Capstone student may take. Instead of teaching specific subject knowledge, AP Seminar and AP Research use an interdisciplinary approach to develop the critical thinking, research, collaboration, time management, and presentation skills students need for college-level work. The College Board developed the AP Capstone Diploma program at the request of higher education professionals, who saw a need for a systematic way for high school students to begin mastering these skills before college." College Board.

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™.

### **AP SEMINAR**

Grade: 10, 11, 12

**Prerequisite: None**

AP Seminar is an interdisciplinary course that encourages students to demonstrate critical thinking, collaboration, and academic research skills on topics of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include interdisciplinary or general elective courses.

### **AP RESEARCH**

Grade: 11, 12

**Prerequisite: AP Seminar**

Build on what you learned in AP Seminar to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, you will design, plan, and conduct a year-long research based investigation to address a research question.

### **AVID**

Grade: 9-12

**Prerequisite: None**

Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course.

### **SAT PREP**

Grade: 11

**Prerequisite: None**

The SAT Test Preparation course will increase active engagement in the SAT preparation process. The course will give direction, focus preparation, and teach specific skills and effective test-taking students need to be successful on the SAT.

### **ONLINE COURSES**

Online courses are available. For more information, please see your appropriate grade counselor about the qualifications and requirements.

### **JACKSON AREA CAREER CENTER**

"The Career Center provides more than 1,200 Jackson and participating Hillsdale county students from all districts with advanced CTE (career and technical education) programming in 22 areas of study, complete with educational resources, career skill training, transferable high school and college credit, and high-tech environment that otherwise would not be available at their local schools. The Career Center is a service of the Jackson County Intermediate School District.

If you are interested in getting more information for this program, you can visit the website:  
<https://www.icisd.org/jacksonacc>

## JACKSON EARLY/MIDDLE COLLEGE

Jackson High School students now have an opportunity to enroll in the Early Middle College program at Jackson College. This program enables students to continue being a high school student through their 13<sup>th</sup> year while earning college credits. Students who meet all of the requirements enroll in the program in the spring and follow through with program requirements throughout the summer. Students will work with their JHS counselor to meet graduation requirements and their JC advisor to take classes that will meet their needs. This is a great opportunity to earn college credits at little to no costs to the student and their family. It is recommended that students who are entering into the Early College program work with the colleges/universities in which they intend to transfer to plan the best route.

If you are interested in getting more information for this program, you can visit the website: <https://www.jcisd.org/JCEC>

## DUAL ENROLLMENT

Effective April 1, 1996, Public Act 160 (HB-4643) created the Post-Secondary Enrollment Options Act (PSEO), otherwise known as dual enrollment. This Act enables students to enroll in college courses when the content of those courses is not offered by their high school.

Students who would like to dual enroll must meet with their counselor and gain approval from the Principal of Instruction. Students may take certain classes at colleges and universities paid for by the district with State aid (up to one half of their foundation allowance). These courses may be taken for high school credit, college credit or both. Students must notify both the high school and the college of their intent. Other eligibility requirements include:

1. Students must be enrolled in at least one high school class at JHS as a student of JHS.
2. Students must be enrolled in the district and enrolled at a college during the high school's **regular** academic year.
3. Students must select college courses that are **NOT** available at JHS. They may also elect classes that are offered at JHS, but it is determined by the Board of Education that it would not be possible to take the course from the high school due to scheduling conflicts beyond the student's control. Important Note: **Elective course conflicts are not considered "conflicts beyond the student's control."** A student must receive permission from the Principal for Instruction in order to enroll in a college course. Students should also take advantage of the admissions counseling services for high school students provided by colleges or universities. The college or university will notify eligible students of an estimated amount of charges to be billed to the district and notify the district that the students have enrolled. Tuition and fees will then be paid directly to the college or university up to one half of the student's state funding allowance. Charges in excess of the amount to be paid by the district will be billed directly to the student. Books, activity fees, private lessons, transportation and parking costs are the responsibility of the student. If for ANY reason, a student fails to earn credit in the dual-enrollment class, JHS will not pay for the student to retake the course.

## INDEPENDENT STUDY

An Independent Study Program is an opportunity to foster independent self-motivated learning. This form of study is designed to allow a student to study an area above and beyond the JHS curriculum. A packet to be completed by the student and the receiving teacher may be picked up in the counseling office or main office. This packet is to be reviewed and approved by the Principal for Instruction before an independent study can take place. It is the policy of Jackson High School not to grant independent study requests if the class is offered in the regular curriculum.

## TEST-OUT

The state of Michigan requires that high schools allow students the opportunity to "test out" of high school courses. A student may test out prior to enrolling in a course, by attaining a grade of 80% or higher on the test out exam. The credit granted will appear on the transcript with a grade of "P" (pass), but will not be included in computation of the grade point average. Once a credit is earned, a student may not receive credit thereafter for a course lower in course sequence concerning the same subject area. Test out opportunities will be provided at the end of each trimester as well as during the months of June/August..

Test Out Procedure:

- Students may obtain a test out form in Room 102.
- The test out form must be completed two weeks prior to the test out date.
- Specific dates and times will be posted in the Guidance Office.
- Students will be notified of the results within two weeks.
- A student may attempt to test out for credit recovery provided they are not currently enrolled in the course.