



# **FRASER HIGH SCHOOL VIRTUAL COURSE CATALOG**

## **2020-2021**

**Grades 9 – 12  
Virtual Course Offerings**

## TABLE OF CONTENTS

<b><i>INTRODUCTION</i></b> .....	<b>3</b>
<b><i>FRASER HIGH SCHOOL GRADUATION REQUIREMENTS</i></b> .....	<b>4</b>
<b><i>REQUIRED CORE COURSES</i></b> .....	<b>5</b>
<b>ENGLISH</b> .....	<b>5</b>
<b>MATH</b> .....	<b>6</b>
<b>PHYSICAL EDUCATION &amp; HEALTH</b> .....	<b>8</b>
<b>SCIENCE</b> .....	<b>9</b>
<b>SOCIAL STUDIES</b> .....	<b>10</b>
<b>WORLD LANGUAGE</b> .....	<b>11</b>
<b><i>ELECTIVE OPTIONS</i></b> .....	<b>12</b>
<b>FINE ART ELECTIVES</b> .....	<b>12</b>
<b>CAREER AND TECHNICAL EDUCATION ELECTIVES</b> .....	<b>13</b>
<b>OTHER ELECTIVES</b> .....	<b>15</b>

# INTRODUCTION

Fraser Public Schools has developed a curriculum that is comprehensive and challenging for our students. Student learning and student success are the focal point for instruction. Our staff continues to refine and improve the curriculum, teaching techniques and learning opportunities for our students.

We understand the need to be flexible and provide families options for learning in an environment that fits their needs. Fraser has three learning environments available for students enrolled in grades 7 – 12.

**Face-to-Face Learning Environment:** Students are enrolled in our traditional high school program. All courses are taken in person at Fraser High School.

**Virtual Learning Environment:** Students are enrolled in our fully virtual program. All courses are completed at home via an online setting. Fraser Public School teachers will provide course content and materials through Blackboard and content will be delivered with both synchronous and asynchronous learning opportunities. Learning will be robust and expectations will be identical to our face-to-face school model.

**Blended Learning Environment:** Students are enrolled in both face-to-face and virtual learning environments. Students will take their core courses virtually and have the option to take electives from our face-to-face course catalog.

Fraser High School Virtual students can complete the necessary graduation requirements needed to obtain a Fraser High School diploma in four years by taking all virtual courses. The courses listed in the booklet are offered as fully virtual courses. We understand students may want to participate in some of our robust elective options that are not offered virtually; therefore, students in the virtual program may take both virtual courses as well as face-to-face courses. Please reach out to your counselor if you are interested in taking face-to-face elective courses.

The Counseling Department is available to assist students and parents with the scheduling process. Appointments and/or phone calls may be made to discuss issues or concerns. Do not hesitate to contact the Counseling Department if you need assistance.

## Fraser High School Counseling

Counselor	Student last name:
Stacy Kalpin 439-7264	A - E
Eric J. Howell 439-7268	F - L
Andrea Hammer 439-7265	M - R
Marcela Dusaj 439-7266	S - Z

# FRASER HIGH SCHOOL GRADUATION REQUIREMENTS

8 SEMESTERS OF ATTENDANCE

AND 27.5 CREDITS

Fraser Virtual requires 27.5 credits for graduation. Below lists the mandatory courses for graduation.

COURSE	CREDITS
English	4
Algebra 1	1
Algebra 2	1
Geometry	1
Math or Math Related Course (1 credit of Math must be taken in the 12 <sup>th</sup> Year)	1
Biology	1
Chemistry I	½
Environmental I*	½
Physics I	½
Level II Science (Chemistry, Environmental, or Physics)	½
Government	½
Economics	½
American History	1
World History	1
Physical Education	1
Health	½
Fine Arts**	1
Career & Technical Education** *	1
World Language (K-12) ****	2
SMART*****	
Online Experience	

**NOTE:** One credit courses are full year courses. The student must sign up for both semesters to receive a full year of credit.

**\*Environmental Science I** - Successful completion of AP Biology A and B, College Chemistry A and B, or Accelerated Chemistry A and B and Accelerated Physics A and B fulfills the Environmental Science I requirement.

**\*\*Fine Arts credit** is earned through successful course work in the areas of additional World Languages, Art, Humanities, Stagecraft, Vocal and Instrumental Music.

**\*\*\*Career and Technical Education credit** is earned through successful course work in the areas of Business Tech, Health Sciences and Patient Services, Family and Consumer Sciences, Industrial Tech, and Career Prep Center courses.

**\*\*\*\*A pupil may partially or fully fulfill 1 credit of this requirement by completing a department-approved formal career and technical education program or curriculum or by completing a visual or performing arts course.**

**\*\*\*\*\*SMART Hour** is required every semester unless a school approved activity that conflicts with this time.

# REQUIRED CORE COURSES

## ENGLISH

**4.0 credits of English are required to graduated. Students must take a full year of English each year.**

### **HS0001 English 9A**

In this full-year course, students will further develop critical reading, writing, speaking, and vocabulary skills to prepare them for future English studies. Students will learn to read carefully and critically, develop public speaking and listening skills, and strengthen process writing skills through mastery of narrative, informational/explanatory and argumentative writing. They will incorporate evaluative techniques and editing skills in their writing while mastering specific grammar skills.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take HS0002 - English 9B

### **HS0002 English 9B**

See course description for HS0001.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take HS0001 - English 9A

### **HS0051 English 10A**

This full-year course will focus on process writing and critical reading with an emphasis on the study of American literature. Improvement and application of the following skills will be stressed: college and career preparatory vocabulary, mastery of specific grammar skills and conventions, theme identification and analysis throughout various literary forms, and the organization and development of effective argumentative essays.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take HS0052 - English 10B

### **HS0052 English 10B**

See course description for HS0051.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take HS0051 - English 10A

### **HS0111 English 11A**

Focusing on British literature, this full-year course will continue to aid students in developing critical reading and writing skills required for post-high school education. Development and application of specific grammar skills and conventions, college and career preparatory vocabulary, theme identification and analysis skills throughout various literary forms, and the organization and development of effective, sophisticated argumentative essays will be stressed.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take HS0112 - English 11B

### **HS0112 English 11B**

See course description for HS0111.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take HS0111 - English 11A

### **HS0444 English 12A**

This full year course is organized around rhetorical modes of writing, critical reading, analytical research, and writing a research essay. Students are required to write in a variety of forms including expository, analytical, and argumentative by following a writing process. Students will also study vocabulary, language and grammar, perform close reading and analysis of non-fiction and fiction, and write and edit formal essays.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 12

**COREQUISITES:** If you take this course, you must also take HS0445 - English 12B

### **HS0445 English 12B**

This full year course is organized around rhetorical modes of writing, critical reading, analytical research, and writing a research essay. Students are required to write in a variety of forms including expository, analytical, and argumentative by following a writing process. Students will also study vocabulary, language and grammar, perform close reading and analysis of non-fiction and fiction, and write and edit formal essays.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 12

**COREQUISITES:** If you take this course, you must also take HS0444 - English 12A

## **MATH**

**4.0 math credits are required to graduate from Fraser High School. These credits must include Algebra, Geometry, Algebra 2, and a 4<sup>th</sup> year math course. Virtual options for a 4<sup>th</sup> year math course include Statistics or Personal Finance.**

### **HS2141 Algebra 1A**

This course will focus on presenting problem-solving as its foundation and introduce algebraic techniques as the tools of problem-solving. Algebra topics, as mandated by the National Common Core Standards, include fundamental operations, properties of real and complex numbers, factoring, solving and graphing functions (i.e. linear, quadratic, and exponential), inequalities, exponents, and ratio/proportion will be integrated with geometry, trigonometry, probability, statistics and data analysis. Algebraic modeling of meaningful real-world situations will be introduced, and functions will be used as a unifying theme. Technology (scientific and/or graphing calculators and computers) will be utilized, and reasoning, communication, and mathematical connections will be emphasized.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**PREREQUISITE:** 8th grade teacher recommendation

**COREQUISITES:** If you take this course, you must also take HS2142 - Algebra 1B

### **HS2142 Algebra 1B**

See course description for HS2141.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take HS2141 - Algebra 1A

### **HS2241 Geometry A**

This course will focus on presenting problem-solving techniques and the writing of proofs. As mandated by the National Common Core Standards, topics will include mathematical reasoning, logic and proof, figures and their properties, relationships between figures, and transformations of figures in a plane.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**PREREQUISITE:** Successful completion of Algebra A and B, Algebra 1 in 2 Blocks A and B, or 8th grade Algebra.

**COREQUISITES:** If you take this course, you must also take HS2242 - Geometry B

### **HS2242 Geometry B**

See course description for HS2241.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take HS2241 - Geometry A

### **HS2371 Algebra 2A**

The purpose of this class is to build upon the concepts taught in Algebra 1 and Geometry while adding new concepts to the students' repertoire. The study of exponential and logarithmic functions will be continued and expanded to include function families such as rational and trigonometric functions. Numerical and logarithmic ideas of accuracy, error, sequences, and iteration will be incorporated along with conic sections, univariate and bivariate statistical applications. Connections between trigonometric modeling of cyclic events and the concepts embedded within bivariate modeling with the proper use of statistical techniques will also be made. Finally, students will develop an understanding that algebraic thinking is an accessible and powerful tool that can be used to model and solve real-world problems.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**PREREQUISITE:** Successful completion of Algebra A and B and teacher recommendation.

**COREQUISITES:** If you take this course, you must also take HS2372 - Algebra 2B

**HS2372 Algebra 2B**

See course description for HS2371.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take HS2371 - Algebra 2A

**HS2431 Statistics A**

In this course, students will be introduced to the major concepts of probability, interpretation of data, and statistical problem solving. Students will learn the course concepts through hands-on experimentation and investigation. Calculations sometimes may be done by hand and other times will be complete with the use of technology. They will analyze existing data as well as data collected through a survey, observational study or experiment. They will then display the data in different ways, analyze it, and draw conclusions based on the results.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**PREREQUISITE:** Successful completion of Algebra 2A and 2B

**COREQUISITES:** If you take this course, you must also take HS2432 - Statistics B

**HS2432 Statistics B**

See course description for HS2341.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take HS2431 - Statistics A

**HS4257 Hybrid Personal Finance and Insurance A**

Hybrid Personal Finance and Insurance A is a one semester class. Show me the money! This project-based course is designed to help students practice money management and investment strategies while learning key skills that will help create a strong financial future. Using online simulations and other web-based tools, students will experience real world scenarios and discover what it means to be financially savvy. Students will design an investment portfolio as well as determine the need for all aspects of insurance. Additional topics include savings, taxes, and employee income as well as workplace success.

**COURSE NOTE:** Each semester of this course will fulfill .5 credits of the required 12th grade math-related credit if taken Senior year.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take HS4258 - Hybrid Personal Finance and Insurance B

**HS4258 Hybrid Personal Finance and Insurance B**

Hybrid Personal Finance and Insurance B is a one semester class. Throughout this course, students will work through hands-on activities and creative projects to explore the world of personal finance and insurance at an advanced level. Topics learned throughout the course will help students avoid financial stress and build economic wealth. Students will gain knowledge in personal decision-making skills such as purchasing an automobile, renting an apartment, obtaining a mortgage, and budgeting for other major life events. Throughout the semester, students will design personal and household budgets as well as demonstrate knowledge of debit, credit management, and online banking. This course is also designed to give students a comprehensive overview on the advanced principles of risk management and insurance.

**COURSE NOTE:** Successful completion will fulfill .5 credits of the required 12th grade math-related credit if taken Senior year.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 11-12

**PREREQUISITE:** Successful completion "C" or better in HS4257 Hybrid Personal finance and Insurance A

**COREQUISITES:** If you take this course, you must also take HS4257 - Hybrid Personal Finance and Insurance A

## **PHYSICAL EDUCATION & HEALTH**

**1.0 physical education credit and 0.5 Health credit are required to graduate from Fraser High School.**

### **HS8500 Girls Physical Education A**

This course is designed to introduce students to basic fitness principles and a variety of team sports. The focus will be to develop skills and interest for lifelong fitness. Running, stretching, flag football, softball, volleyball and CPR are some of the activities to be covered.

\*Students will need to come into FHS for a basic four-week swimming course will also be included.

**CREDIT: 0.5 TYPE: Standard GRADE: 9-12**

### **HS8510 Boys Physical Education A**

This course is designed to introduce students to basic fitness principles and a variety of team sports. The focus will be to develop skills and interest for lifelong fitness. Running, stretching, touch football, tennis, volleyball, softball and CPR are some of the activities to be covered.

\*Students will need to come into FHS for a basic four-week swimming course will also be included.

**CREDIT: 0.5 TYPE: Standard GRADE: 9-12**

### **HS8520 Girls Physical Education B**

The emphasis of this course will be individual fitness and sport activities, as in PE A. Cardiovascular activities and stretching will be an integral part of this class. Tennis, badminton, soccer, and basketball are sports that may be included as well as a four-week unit of swimming.

**CREDIT: 0.5 TYPE: Standard GRADE: 9-12**

### **HS8530 Boys Physical Education B**

The emphasis of this course will be individual fitness and sport activities, as in PE A. Cardiovascular activities and stretching will be an integral part of this class. Badminton, soccer, tennis and basketball are sports that may be included as well as a four-week unit of swimming.

**CREDIT: 0.5 TYPE: Standard GRADE: 9-12**

### **HS8600 Health Education**

Health Education is a one-semester course and is generally taken in the 10th grade. The purpose of Health Education is to develop constructive attitudes towards the many health problems of our society. Facts followed by discussion will permit each student to evaluate roles in the development of health habits and attitudes. Student involvement will be the key to learning. Some of the units to be covered are: 1. Character Education/Decision making 2. Fitness / Nutrition 3. Drugs / Alcohol / Tobacco 4. Addiction 5. Reproduction (HIV/AIDS) 6. Mental Health 7. Disease

**CREDIT: 0.5 TYPE: Standard GRADE: 10-12**

## SCIENCE

**3.0 science credits are required to graduate from Fraser High School. These credits must include: Biology, Chemistry I, Physics I, Environmental Science I, and a level II science course. Virtual options for a level II science course include Physics II and Environmental Science II.**

### **HS3103 Biology A**

This course gives a broad overview of biological concepts and experience in the laboratory. This course provides adequate preparation for the college bound student.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take HS3104 - Biology B

### **HS3104 Biology B**

See course description for HS3103.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take HS3103 - Biology A

### **HS3311 Environmental Science I**

Environmental science is a one semester course examining the many environmental issues that we face in Michigan and in the world. The course will examine Earth's place in the universe, how the Earth changes, water, weather, natural resources, and global climate change. This course meets the Environmental Science graduation requirement.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 10-12

**PREREQUISITE:** Must have taken Biology A and Biology B

### **HS3312 Hybrid Environmental Science II**

This course is a continuation of Environmental Science I. This is a hybrid course that will meet face to face to do hands on activities, but it will also offer the student an opportunity to work online. The focus will be on alternative fuels, human impact, and sustainability.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 10-12

**PREREQUISITE:** Environmental Science I or Hybrid Environmental Science I

### **HS3320 Chemistry I**

This course is designed to allow students to develop a solid fundamental understanding of the world around them through the use of a series of particle models of increasing complexity. Students will begin by studying how every substance can be represented using simple particle diagrams with no internal structure. They will finish the semester by developing a more complex model of the atom that will include subatomic particles and also account for the flow of energy in a system. The topics covered in this semester long course include, States of Matter, Particle Motion, Energy Motion and Storage, Elements, Atoms, Compounds, Mixtures and the Historical Development of the Atom.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 10-12

**PREREQUISITE:** Must have taken Biology A and Biology B

**COREQUISITE:** Suggested C or better in Algebra or have Junior standing

### **HS3340 Physics I**

A comprehensive inquiry lab-based study of the laws governing energy, linear motion, kinematics, and forces. Emphasis will be placed on problem solving strategies, data analysis and classroom discussions to create mathematical and graphical models that explain concepts relative to the dynamics of the motion being studied.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 10-12

**PREREQUISITE:** Recommended that students pass Algebra I before taking this class

### **HS3341 Physics II**

Inquiry, lab-based study of the laws governing electricity, waves, simple harmonic motion, sound, and optics. Emphasis will be placed on laboratory design, data analysis, and classroom discussion. This course is suitable for students considering a career in the trades or students choosing a non-science major in college.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 10-12

**PREREQUISITE:** Physics I

## **SOCIAL STUDIES**

**3.0 social studies credits are required to graduate from Fraser High School. These credits must include: World History, American History, Economics, and Government.**

### **HS1034 Modern World History 9A**

This first semester course offers a global perspective on modern events from the last 500 years. Students will sharpen integral social studies skills such as effective note taking, reading timelines, maps, charts and research-based writing strategies.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9

**COREQUISITES:** If you take this course, you must also take HS1035 - 20th Century World History 9B

### **HS1035 20th Century World History 9B**

This second semester course offers a global perspective on modern events from the 20th century and beyond. Students will sharpen integral social studies skills such as effective note taking; reading timelines, maps charts and research-based writing strategies. Students will also engage primary source materials and begin to answer compelling questions and synthesize arguments about World History.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9

**COREQUISITES:** If you take this course, you must also take HS1034 - Modern World History 9A

### **HS1110 American History I**

A one semester course dealing with the history of the United States from the 1877 to the eve of World War II. The second semester deals with the history of the United States from the beginning of World War II to the present day.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take HS1120 - American History II

### **HS1120 American History II**

A one semester course dealing with the history of the United States from the 1877 to the eve of World War II. The second semester deals with the history of the United States from the beginning of World War II to the present day.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take HS1110 - American History I

### **HS1400 Economics**

The purpose of this course is to enable students to understand and evaluate the basic workings of the American economic system. Students will learn the necessary information required to make knowledgeable economic, political, and social decisions.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 11-12

### **HS1550 American Government**

A one semester, required course, which studies the organization and function(s) of our national, state, and local governments. Discussion of the political processes is also involved.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 11-12

## **WORLD LANGUAGE**

**2.0 credits world language credits are required to graduate from Fraser High School. Virtual options for world languages include Spanish courses.**

### **HS0911 Spanish 1A**

A beginning course, which introduces the basic structure of Spanish. Students will study the Spanish language and culture, concentrating on listening, speaking, reading, and writing skills. Cultural studies will include Spanish cuisine, schools, family life, leisure time activities, and geography.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take HS0912 - Spanish 1B

### **HS0912 Spanish 1B**

See course description for HS0911.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**PREREQUISITE:** Successful completion of Spanish 1A

**COREQUISITES:** If you take this course, you must also take HS0911 - Spanish 1A

### **HS0921 Spanish 2A**

This class is a continuation of Spanish language study, with a focus on grammar and vocabulary building. Topics to be studied will include Spanish cuisine personal preferences, talking about the past and more.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take HS0922 - Spanish 2B

### **HS0922 Spanish 2B**

See course description for HS0921.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**PREREQUISITE:** Successful completion of Spanish 2A

**COREQUISITES:** If you take this course, you must also take HS0921 - Spanish 2A If you take this course, you must also take HS0921 - Spanish 2A

# ELECTIVE OPTIONS

The course outlined in this section are virtual elective courses. Students are required to have at least 1.0 elective credits in Fine Arts and 1.0 elective credits in Career Technical Education courses.

## FINE ART ELECTIVES

### **HS7200 Foundations in Art**

This course is designed as a steppingstone to the various pathways in the art department. Foundations in Art is a prerequisite for all beginning art courses. This course will: Provide meaningful hands on learning experiences that will allow for personal growth and creative expression, integrate problem solving, decision making, creative and critical thinking as well as aesthetics, art history and studio production both 2-dimensionally and 3-dimensionally. Students will: Understand and articulate the vocabulary and language of art. Demonstrate knowledge and ability to work with a variety of media. Students will successfully produce finished pieces of art. Students will demonstrate their knowledge and ability through quizzes, tests and finished projects.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

### **HS7225 Drawing and Painting 1**

This is an introductory course in two-dimensional design. It explores a variety of media in an effort to develop interest, perceptual skills, drawing skills, and style. Design elements and principles of art will be emphasized. Students will: 1. Study line, color, texture, value, shape, and space 2. Use these elements individually and combine them to achieve diverse visual outcomes 3. Study balance, unity, movement, variety, center of interest, and expression 4. Practice manual skills necessary to skillfully use the medium 5. Practice the necessary perceptual skills to illustrate effectively 6. Initiate self-expressive ideas 7. Creatively solve the problems encountered in visual expression 8. Study the elements, principles, styles, and mediums of art history 9. Create a complete finished piece of art.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**PREREQUISITE:** Completion of Foundations in Art

### **HS7235 Drawing and Painting 2**

This course assumes an understanding of the elements and principles of design. Greater development of individual ideas and expression will be encouraged through exploration of new technical skills and media. Students will: 1. Apply the design elements and principles to solve varied design problems 2. Practice creative problem solving in executing designs 3. Practice self-evaluation and critical thinking 4. Develop new ideas for self-expression 5. Explore printmaking, graphic design, painting, and drawing 6. Examine past and present styles, techniques, and ideas in the context of art history whenever possible 7. Create and complete finished pieces of art

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**PREREQUISITE:** HS7225 Drawing and Painting 1 passed with a "B" or better or instructor's signature

### **HS7245 Drawing and Painting 3**

This class is for individuals who wish to explore problems in drawing, painting, and graphic design. They will be given the opportunity to strengthen their skills and expand their interest. Students selecting this class should be self-directed, motivated, and interested in pursuing art beyond the high school level. Students preparing portfolios must take this course no later than the fall semester of their senior year. THIS COURSE MAY BE REPEATED FOR CREDIT. Students will: 1. Work with a wide range of materials 2. Possibly create a portfolio for college and scholarship application 3. Create and complete finished pieces of art

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 10-12

**PREREQUISITE:** Drawing and Painting II with a "B" or better and instructor's signature

## CAREER AND TECHNICAL EDUCATION ELECTIVES

### **HS4020 Web Design**

Web Design is a one semester class. This course will provide students with basic web development and web design knowledge while using the Adobe Creative Cloud Suite. Students will learn how to utilize design elements such as color theory, typography, and digital graphics to create a finished product with a unique style.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take HS4030 - Advanced Web Design

### **HS4043 Hybrid Coding Through Games and Apps**

Hybrid Coding Through Games and Apps is a first-semester course designed for an introduction to programming. Students learn how to code by working in a real software development environment to design, program, and publish mobile apps and games.

**COURSE NOTE:** Hybrid courses give students the opportunity to experience online learning while still receiving some face to face instruction.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take HS4042 - Java Programming Fundamentals

### **HS4220 Microsoft Office Specialist I**

Microsoft Office Specialist I is a one semester class. To succeed in today's competitive job market, students will need to demonstrate their skills and expertise in all technology fields. Microsoft Office Specialist Certifications are highly respected and valued in any working environment. This course will cover the skills necessary to prepare students to take the MOS Specialists Certification Exams in Word, Excel, PowerPoint and Access throughout the semester. Microsoft Industry Certifications can be earned in this course.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

### **HS4221 Microsoft Office Specialist II**

Microsoft Office Specialist II is a one semester class. This course continues the study of the Microsoft Office Suite at a higher level. Through the use of Microsoft Word, Excel and Access students will develop advanced application and presentation skills. Integration applications using the Microsoft Office Suite are also emphasized. Students will have the opportunity to continue completing the advanced MOS Specialists Certification Exams throughout the semester.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**PREREQUISITE:** Successful completion of HS4220- Microsoft Office Specialist I

### **HS4257 Hybrid Personal Finance and Insurance A**

Hybrid Personal Finance and Insurance A is a one semester class. Show me the money! This project-based course is designed to help students practice money management and investment strategies while learning key skills that will help create a strong financial future. Using online simulations and other web-based tools, students will experience real world scenarios and discover what it means to be financially savvy. Students will design an investment portfolio as well as determine the need for all aspects of insurance. Additional topics include savings, taxes, and employee income as well as workplace success.

**COURSE NOTE:** Each semester of this course will fulfill .5 credits of the required 12th grade math-related credit.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take HS4258 - Hybrid Personal Finance and Insurance B

### **HS4258 Hybrid Personal Finance and Insurance B**

Hybrid Personal Finance and Insurance B is a one semester class. Throughout this course, students will work through hands-on activities and creative projects to explore the world of personal finance and insurance at an advanced level. Topics learned throughout the course will help students avoid financial stress and build economic wealth. Students will gain knowledge in personal decision-making skills such as purchasing an automobile, renting an apartment, obtaining a mortgage, and budgeting for other major life events. Throughout the semester, students will design personal and household budgets as well as demonstrate knowledge of debit, credit management, and online banking. This course is also designed to give students a comprehensive overview on the advanced principles of risk management and insurance.

**COURSE NOTE:** Successful completion will fulfill .5 credits of the required 12th grade math-related credit.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 11-12

**PREREQUISITE:** Successful completion "C" or better in HS4257 Hybrid Personal finance and Insurance A

**COREQUISITES:** If you take this course, you must also take HS4257 - Hybrid Personal Finance and Insurance A

### **HS4301 Accounting 1A**

Accounting 1A is a first semester class. In Accounting 1A you will learn the language of business. This introductory course is strongly recommended for students interested in pursuing a career in any business career pathway. Using hands-on accounting software students will have the opportunity to learn the basics of accounting including the accounting equation, analyzing transactions, use of T-accounts, recording transactions in general journal, and posting to a general ledger. Students will also learn to produce financial statements such as balance sheets and income statements as well as write checks and reconcile a bank statement.

**COURSE NOTE:** Successful completion will fulfill .5 credits of the required 12th grade math-related credit.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take HS4302 - Accounting 1B

### **HS4302 Accounting 1B**

See course description for HS4301.

**COURSE NOTE:** Successful completion will fulfill .5 credits of the required 12th grade math related credit.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**PREREQUISITE:** Successful completion ("C" or better) in HS4301 - Accounting 1A

**COREQUISITES:** If you take this course, you must also take HS4301 - Accounting 1A

### **HS4360 Marketing 1**

Marketing 1 is a one semester class. This is the introduction to the Marketing Program. The student will gain an understanding of the basic marketing concepts including: the foundations and functions of marketing; selling; promotion and social media; pricing; financial analysis; channel management; marketing information management; strategies marketing planning; product service management; economics and human resources; management and careers.

**COURSE NOTE:** Each semester of this course will fulfill .5 credits of the required 12th grade math-related credit.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

### **HS6160 Parenting**

Parenting is a very important one semester class is designed to help all students regardless of gender, understand the responsibilities associated with parenting. Topics include prenatal nutrition, growth, birth, development of the fetus, care and feeding of the infant and toddler, and serious issues related to teen pregnancy. Health, safety, nutrition, and positive parenting skills are investigated and discussed in relation to babies and children. The "real care" baby simulation is one of the major projects of this course.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

### **HS6191 Hybrid-Surviving After High School**

Hybrid-Surviving After High School is a one semester class. Students need to be prepared for options after high school, including the financial and practice aspects of living on their own, either away at college or as a young adult living at home. This course will help with goal setting and decision making with emphasis on personal finance issues, as well as the college application process and future careers.

**COURSE NOTE:** Hybrid courses give students the opportunity to experience online learning while still receiving some face to face instruction. Each semester of this course will fulfill .5 credits of the required 12th grade math related credit.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 12

### **HS6195 Fashion Design**

Fashion Design is a one semester class. The purpose of this course is to make the fashion design world real and meaningful. Students will learn how to apply the elements and principles of design as well as color and color schemes to fashion design. Students will examine textiles, fibers, fabrics, merchandising and marketing as it applies to the fashion industry. Students will learn how to examine the business aspect of this industry by understanding business practices, store operations, and consumerism. Students will also learn the safe and appropriate use of equipment for garment construction. This class is for students who are interested in the business or the design aspect of the fashion industry.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**PREREQUISITE:** Successful completion (C or better) in HS6150 Design for Living.

### **HS5620 Hybrid Medical Terminology**

Hybrid Medical Terminology is a one semester hybrid class, open to students in grades 9-12, that will increase student's exposure to professional medical language and concentrate on the interpretation and application of the language through online and hands-on activities.

**COURSE NOTE:** Hybrid courses give students the opportunity to experience online learning while still receiving some face to face instruction.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 9-12

**\* CTE Electives options are subject to changed based on course requests.**

## **OTHER ELECTIVES**

### **HS0526 Hybrid Creative Writing**

This one-semester course is designed for students of average and above-average ability. Students will read a wide variety of poetry and short stories that will provide models as they produce work of their own. The class will use the workshop method for discussion of student writing. Students will assemble several collections of writing over the course of the semester. As a result, progressive mastery of forms will be a major factor in evaluating student performance. Hybrid courses give students the opportunity to experience online learning while still receiving some Face to Face instruction.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 11-12

### **HS3224 Hybrid Forensic Laboratory Science**

This course will primarily meet face to face, however, there will be days where students may choose to meet online. Students will learn to solve a mystery through the use of various problem-solving strategies. Students will gather and document evidence for identification and comparison using authentic forms. The course will employ lectures, labs, scientific application, verification, and process writing to solve these mysteries.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 11-12

### **HS3228 Hybrid Crime Scene Science**

This course is a continuation of Forensic Laboratory Science. Although this course is a hybrid, it will meet primarily face to face. Students will investigate simulated crime scenes using skills from the fields of biology, physics, and chemistry. Various techniques such as blood spatter stringing and deductive reasoning will be introduced and used throughout the semester.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 11-12

**PREREQUISITE:** Hybrid Forensic Laboratory Science. Note: Crime Scene and Forensic Science can be taken in the same year.

### **HS3271 Hybrid Astronomy**

This course takes a mathematic approach in studying the vastness of space. Topics include the sun and stars, formation of our solar system, planets, the space program, and current theories relating to the universe. Students will also learn about observations in the night sky. Hybrid courses give students the opportunity to experience online learning while still receiving some face to face instruction.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 11-12 **PREREQUISITE:** Must have taken or be taking physics.

### **HS1320 American Cultural History: The Twentieth Century**

The primary purpose of the class is to provide 11th and 12th grade students with a deeper understanding of American History in the 20th Century. Students will look at the influence of pop culture on historical events and vice versa. This course is designed to be a cross-curricular experience, bringing together elements of history, music, literature, art architecture, and fashion. The student will not only gain historical perspective but understand and demonstrate how American culture has developed over the last 110 years. Students will learn decade by decade the cause and effect relationship of economics, politics, and mass media on the development of our culture.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 11-12

**PREREQUISITE:** HS1120 - American History II

**HS1340 Contemporary Problems**

This course is designed to immerse students in the contemporary problems of the Non-Western and Western world. The application of political, economic, sociological, and environmental themes will help to provide the students with a global perspective on the dilemmas facing the world and promote discussion on possible solutions.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 10-12

**HS1370 Sociology**

Sociology is the study of human social behavior and groups. This class focuses on groups in society, how they work, and what it means to be a member of a given group. The range of topics this course examines includes beliefs, values, rules, roles, relationships, status, and family. Also, current issues facing society are incorporated in readings, discussions, and journals.

**CREDIT:** 0.5 **TYPE:** Standard **GRADE:** 10-12