



EDEN PRAIRIE HIGH SCHOOL

Inspiring each student every day

Education at Eden Prairie High School is more than just teaching; it's about inspiring each student to learn and ignite their individual passions, talents and gifts. This starts by getting to know each student - not only by their name - but by their strengths, passions, interests and needs.

Our classrooms emphasize personalized learning and the 4C's: communication, collaboration, critical thinking and creativity.

Our strategic plan guides all our work and sets us on a path to inspire each student every day. The plan includes lofty goals where all of us - staff members, parents, students and community members - work together to achieve the very best for our students.

#WeInspireEACH

Dear EPHS Students,

Course registration season is an exciting time for our school as you consider which courses you will take next year. In this process you should consult with your family, counselor, and teachers. You should consider your progress thus far, dreams for the future, and how your high school experiences can help you achieve those. My goal for you is that you maximize your time in high school by building relationships, pursuing your passions, and having truly inspiring educational experiences. At Eden Prairie High School, we offer an amazing variety of courses to allow for you to personalize your learning. As you select courses, I encourage you to challenge yourself, try new things, be planful, and be proud of all you accomplish. Please read this course guide carefully and contact us with any questions you have. I cannot wait to see the next leg in your learning journey and to support you every step of the way. Go Eagles!

Robb Virgin,
Principal

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WELCOME TO EDEN PRAIRIE HIGH SCHOOL!

Eden Prairie High School is proud to offer a variety of course options designed to inspire and challenge each of our students and provide you with the opportunity to explore many different options. This Course Guide provides you with the information you need to register for the courses that meet your unique needs and interests.

Please Register Carefully!

Courses are offered each year based on student registration requests and staffing availability. Once the high school schedule is finalized, your ability to switch, drop, add, or otherwise modify your course registration will be extremely limited. Therefore, it is important that you **only register for the courses you intend to take and complete next year.**

Make sure you check for **Prerequisites and Registration Recommendations** when choosing your courses.

A **Prerequisite** is a course or qualification that **must be met before** a student begins the listed class. Students not meeting a listed prerequisite may be removed from the class.

A **Registration Recommendation** in a course description is **highly recommended** and designed to insure accurate course placement and student success.

POST SECONDARY ENROLLMENT OPTION (PSEO)

Juniors and Seniors are able to enroll (full or part time) at liberal arts, community or technical colleges, or universities through the PSEO program. Sophomores may enroll in some technical education programs if they've met specific program requirements. The tuition, fees and required textbooks for PSEO courses are provided at no cost to students. Students should work with their counselor to explore possibilities if they are interested in these dual-credit options.



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REGISTRATION INFORMATION

INTRODUCTION

This Course Registration Guide has been prepared to assist students with making important decisions as students prepare their course of study for the coming year(s). Students are highly encouraged to consult with their counselors or advisors and teachers to ensure proper planning and registration.

Course offerings are listed in this Course Registration Guide and on the EPHS website. The master schedule for the year is developed after students make their choices during registration. It is possible that some students will find that conflicts arise and adjustments must be made to their original registration request. Counselors are available to assist students with scheduling questions and problems.

The scheduling of courses described in the Course Registration Guide book will be based on registration requests and staffing availability. A course being listed in the Course Registration Guide does not guarantee that it will be offered during a given school year.

THE SCHEDULE & SCHOOL DAY

The Four Period School Day

Student schedules are based on a four-period day. The four-period day schedule includes four 87-minute class periods each day. Due to the length of the class period, students complete the typical semester class in one term (nine weeks) and a full year class in two terms (18 weeks).

	Term 1	Term 2	Term 3	Term 4
Period 1				
Period 2				
Period 3				
Period 4				

2020-21 Schedule Errors

As a result of a thorough registration process, there will **not** be an opportunity to change schedules. A student can only drop a class the first week of a term for the following reasons:

- Not having the pre-requisite for the class listed or student is significantly misplaced as evidenced by previous course grades.
- Having failed a class.
- Obvious scheduling errors (two classes scheduled in the same hour).
- A class needed for graduation is not listed or was dropped from the schedule.
- The schedule is unbalanced (two open hours in a term, four “heavy” classes in one term).

Reminder: Freshmen and Sophomore students are expected to carry a full schedule throughout the school year. Junior and Senior students are encouraged to carry a minimum of 14 courses during the school year.

Registration Information

GRADUATION REQUIREMENTS

To receive a diploma from Eden Prairie High School, a student must meet the requirements prescribed by the school district. The graduation requirements are outlined below.

Department	# Credits	Required Courses
English	8	English 9, English 10, English 11, and English 12
Social Studies	8	Human Geography, Democratic Foundations, US History, Ancient World History, Modern World History, US Government, and Economics
Math	6	Geometry, Algebra II, and Statistics
Science	6	Physical Science, Biology, and Chemistry or Physics
Physical Education	2	Physical Education Credits from qualifying courses
Health	1	Health Education
Technology	1	Introduction to Technology or AP Computer Science Principles or Mobile Computer Science Principles
Business/Work*	1	Options available through: Business Education, Work Experience, or HTC
Fine or Applied Arts**	2	<p>Fine Arts: Any course in the Art Department, Acting and Theater Arts, Theatre Production, Advanced Acting, Darkroom & Digital Photography, Graphic Technologies, Eyrie Newspaper, Eagle Yearbook, Creative Writing or any course in the music department (<u>except</u> History of Rock and Roll and Ukulele)</p> <p>Applied Arts: Sewing I, Gourmet Foods, Interior Design, Introduction to 21st Century Journalism, Advanced Broadcast Journalism/EVN, Wood Crafting, Advanced Woodcrafting, Adv Architectural Design, Introduction to Engineering Design, Engineering Applications II & II, HTC Carpentry, Culinary or Transportation courses</p>
Total Credits Required	54	<p><i>*Students fulfilling the technology requirement via Intro to Technology may not use that to fulfill their Business/Work Experience requirement.</i></p> <p><i>** Many colleges/universities require applicants to have completed one year of fine arts.</i></p>
Required State Assessments		ACT or ACCUPLACER (no specific score necessary)

Registration Information

GRADING AND EVALUATION

Course Grading

The purpose of grading is to communicate to parents/guardians, students, and the community the extent to which the student has met the objectives of a course. The grading system is based on a 4.0 un-weighted grading system as defined below:

B+ = 87-89	A = 93-100	A- = 90-92
C+ = 77-79	B = 83-86	B- = 80-82
D+ = 67-69	C = 73-76	C- = 70-72
F = 59 & below	D = 63-66	D- = 60-62
Pass/No Credit option:	P = 73% and above	NC = Below 73%

Incomplete Policy

If students are missing Essential Learning items in Academic Performance category at the end of a term, then the student grade will be reported as an incomplete until the student completes those items. When a student earns a grade of (I) Incomplete, it will be reflected in the computation of his/her new GPA as a zero. This zero stays until the grade is changed. In order to resolve an incomplete, the student must make arrangements with the teacher to complete the missing work. The student has three options:

1. Contract with the teacher to finish the incomplete (teacher works directly with student and should be completed within three weeks following the end of the class).
2. Register for the in-school credit recovery class (this option is only available if the original class is able to provide materials).
3. Enroll in Eden Prairie's Summer School or a district 287 after school credit recovery class (this option is only available if the original class is able to provide materials).

Repeating a Class/Grade Replacement

A course taken through Eden Prairie High School may be repeated with the consent of a counselor if the student originally received a grade of D+, D, D-, or F. The student will receive credit only once for the repeated course. The higher grade will appear on the transcript and a grade of "NC" replaces the other grade. It is the responsibility of the student to request to have the lower grade removed. **Repeating a class will be allowed on a space available basis only.**

Graduating Honors

Gold Cord	Silver Cord	Honors Diploma
Grade Point Average of 3.9-4.0	Grade Point Average of 3.75-3.89	6 or more Advanced Placement (A.P.) and/or equivalent college level credits
		Overall GPA 3.5 or above
		Eligibility for Honors Diploma will be determined at the end of third term

TESTING & ASSESSMENT

A variety of tests and assessments are available to help students demonstrate their academic talents, vocational aptitudes, and personal characteristics. Listed below are categories of those tests including the Minnesota Comprehensive Assessments, college admissions tests, and optional tests.

REQUIRED ASSESSMENTS

The Minnesota Graduation Assessments have changed slightly:

- Students are to take the MCA Reading in their Sophomore year and the MCA Math in their Junior year.
- The ACT Aspire is offered to freshmen and the ACT to juniors.
- No specific score required for any assessment.

For State Equivalents or more information, please go to the Minnesota Department of Education:

<http://education.state.mn.us/mde/justparent/testreq/index.html>

OTHER ASSESSMENTS

College Admissions Testing

- **Grade 10 & 11- Preliminary Scholastic Assessment Test (PSAT):**
The PSAT is recommended for college-bound juniors. Sophomores may also take the PSAT. The PSAT measures verbal, math, and writing skills. It provides practice for SAT I and is the qualifier for the National Merit Scholarship Program. See the EPHS website in early September for registration information.
- **American College Testing (ACT):**
The ACT is administered on five national test dates. It measures skills in five major curriculum areas: English, mathematics, reading, writing, and science reasoning. Information is available at www.act.org
- **Scholastic Assessment Tests (SAT):**
The SAT test is primarily multiple choice and measures critical reading, math, and writing abilities. The SAT II/Subject Tests measure your knowledge of particular subjects and your ability to apply that knowledge, and should be taken as soon after completing the appropriate coursework as possible. Information on the SAT test is available at www.collegeboard.org

** It is recommended that the college bound juniors take the ACT or SAT in the spring of their junior year and those seniors who have not tested or need to retake these test(s) do so in the fall of their senior year.
- **Advanced Placement Examinations (AP Exams):**
Part of the Advanced Placement Program is the Advanced Placement Examination. Examinations are offered on national test days in May. Successful scores give students the opportunity to receive advanced placement and/or credit in college. AP Examinations are offered in 31 courses. See the EPHS website in early February for exam registration.

Registration Information

- **Credit for Prior Learning:**

Eden Prairie High School also has a Credit for Prior Learning policy, which provides students the opportunity to demonstrate prior learning. A student may test out of a course if s/he is able to demonstrate prior knowledge and mastery of the course outcomes. Each department determines the appropriate assessments and acceptable level of performance. A student may not test out of any course in which they are currently enrolled (or were previously enrolled). Testing will occur twice per year. All applications for this testing must be completed by November 1 for terms 3 & 4 and April 1 for terms 1 & 2 of the next school year. Forms for the Credit for Prior Learning process are available through the Gifted and Talented Coordinator.

POST SECONDARY PLANNING

Admissions Recommendations for Technical Colleges, Colleges & Universities:

It is important that students and parents do long-range educational planning to ensure that students are prepared and have the necessary background for the many options available to students after high school. Students should always refer to college catalogs for specific admission requirements.

Technical Colleges	Community Colleges	Most Four-Year Colleges/Universities
Technical colleges are (typically) two-year colleges that teach specific knowledge and skills leading to specific careers.	Students can earn an Associate Degree and transfer after the first two years to a four-year institution, or students may choose a Career Program designed to prepare them for a job when they graduate.	Admissions officers will look at various measures of students' school history, including academic performance, course selection, participation in co- and extra-curricular activities, and performance on standardized assessments.
Must hold a diploma or GED	Open to anyone with a high school diploma or GED.	4 years of English
All programs require placement testing.	Some programs require prerequisites because of advanced coursework.	3 years of math (many require four years) (2 years algebra, 1 year geometry)
	Placement tests in reading, English, and math are required of most students.	3 years of science (1 year each of physical & natural science and 1 year with laboratory experience)
		3 years of social studies (including 1 year U.S. History)
		2-4 years of a world language 1 year of a fine art

EPHS EDUCATIONAL OPPORTUNITIES & SUPPORT SERVICES

Special Education

Special education services are designed to meet the individual educational needs of students who qualify for service through a referral and testing process. Special education services may vary from direct classroom experiences in a resource setting to indirect/consultative service with a student's general education teachers. A team facilitated by special education staff that meets to develop the student's Individual Education Plan (I.E.P.) determines the services and specific programs that are provided. Programs include, but are not limited to, services for students with speech and language disorders, students with a learning disability, students with emotional or behavioral disorders, students who have mental or physical impairments, students with an Autism Spectrum Disorder, or students with vision or hearing impairments. Referrals to any special education programs should be directed to the Counseling Office or the Intervention team.

English Learners Program

Students may qualify for EL classes with the approval of the EL department. This program is for students whose first language is not English and whose English proficiency makes it difficult to perform in a mainstream class. Students are tested and may be placed in one to three classes. All EL students also take some mainstream classes. Our EL classes offer instruction in the four basic areas: speaking, reading, listening, and writing

Gifted and Talented Services

Eden Prairie High School (EPHS) offers gifted students many ways to meet their academic needs. There are Honors, Advanced Placement, and other offerings within almost every department. Students should consider these and other courses if they need more intellectually challenging content and atmosphere. The rigor of high school coursework is a major consideration by colleges in their admissions decisions. It demonstrates student ability and willingness to work hard and pursue academic excellence. For more information regarding gifted and talented services, please contact our G/T coordinator Steve Rollin at 952-975-8049.

Advanced Placement Courses

AP Studio Art	AP Statistics	AP US History
AP Microeconomics	AP Computer Science	AP Comparative Politics
AP English Language & Composition	Principles	AP World History
AP English Literature & Composition	AP Computer Science: Java	AP US Government
AP Calculus AB	AP Biology	AP Macroeconomics
AP Calculus BC	AP Chemistry	AP Human Geography
	AP Physics I	
	AP Environmental Science	

Registration Information

Other College-Level Courses

5th & 6th levels World Language/College in the Schools courses are dual enrollment courses with the University of Minnesota. See the World Language Courses section for more information.

Project Lead the Way (PLTW) is a national organization established to help schools give students the knowledge they need to succeed in high-tech fields. Students can earn college credit for these courses. See the Technology Education Courses section for more information.

- College credit is also available for the following courses in the Business & Marketing Department: Small Business Development, College-Level Accounting, Spreadsheets and Databases, and Marketing Strategies. See the Business Courses section for more information.

Mentor Programs

The Talent Development Mentor Program

An advanced learning opportunity to connect with industry professionals. TDMP is a blended course combining independent learning with classroom instruction and a mentorship. Working with a mentor provides students an opportunity to develop professional and leadership skills while exploring a specific career. This unique experience includes an independent learning environment with professional speakers and hands-on experience that builds career readiness in a seminar setting. Past mentorships have included, but are not limited to, careers such as engineering, nursing, surgery, physical therapy, and business.

STRIVE

A mentorship program where students needing extra support are selected to be paired with a community mentor. They meet monthly with their mentor to do career and college readiness activities.

College Possible

A nonprofit AmeriCorps organization making college admission and success possible for low-income students in the United States through an intensive curriculum of coaching and support. Its model uses recent college graduates serving an AmeriCorps term of service as near-peer mentors for students lacking the social resources to successfully enroll in and graduate from college.

AVID

A nationally recognized college preparatory program for referred, motivated, college-bound students that need academic and college readiness support.

Cultural Liaisons

We have two cultural liaisons, Heriberto Vargas and Ahmed Noor, serving our Latino and Somali Communities.

OTHER ACADEMIC PROGRAMS

There are several educational options for earning credit off the campus of Eden Prairie High School. Eden Prairie High School is a member of Intermediate School District 287 which provides a variety of alternative educational settings. Some of the most commonly used are:

- **Gateway to College (HTC in Eden Prairie):** Gateway to College serves students between the ages of 16 and 21 who have left high school, or are struggling to finish school in their current setting. Gateway to College allows students to earn their high school diploma while receiving credits toward a post-secondary credential in a flexible setting.

Registration Information

- **West Education Center Alternative (W-Alt):** W-Alt program serves students seeking a high school diploma in an alternative setting. The center will offer strong academic programming, expanded personalized digital learning opportunities, community-based learning, experiential learning, English Learner (EL) support, remedial programming, special education services, college-readiness support, chemical health support and career technical programming. Students will have the opportunity to earn a high school diploma from their home districts or from Hopkins District 270
- **Metro South:** An outcome-based, alternative program offering young adults the opportunity to earn a high school diploma or GED. Metro South serves students whose high school class has graduated, or, in special circumstances, whose class has less than one year before graduating. All sites offer GED test preparation. Visit www.metrosouth.org for more information.
- **Hennepin Technical College:** A program for juniors and seniors who are interested in vocational skills. See the Hennepin Technical College Courses section for more information.
- **Online Learning:** Students may wish to pursue their course requirement on-line. Students should see their counselor or visit the Minnesota Department of Education website for a complete list of certified online providers.
- **Post-Secondary Enrollment Options:** A program that provides for a junior or senior to begin a post-secondary program at a college or technical school. It should also be noted that Students who begin PSEO mid-year will often find that the end of the EPHS semester one overlaps with the beginning of the colleges' second semesters. Students must realize that they are still responsible for all of the EPHS coursework through the end of the semester. Interested students should see their counselor for more information.

ART COURSES

Studio Art Experience I

05154G11

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

An introduction to studio arts for students who want to work with a broad range of art materials. Students will have the opportunity to design a logo, learn some drawing basics, bead on a bead loom, “yarn-bombing”, and work with watercolor and printmaking.

Drawing I

05156G13

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

This course is geared towards students who are either new to drawing or who want to deepen their drawing skills. The course will start with skill building exercises and will end with two large choice drawing projects. Students will be encouraged to develop their drawing skills as well as to draw from their own artistic and personal interests.

Drawing II

05156G23

Prerequisite: Drawing I

Grade(s): 10, 11, 12

Credits: 1

Students in grades 10-12 who wish to continue their drawing practice and to experience more advanced drawing projects should take this class.

Drawing III

05156G33

Prerequisite: Drawing II or Instructor Permission

Grade(s): 10, 11, 12

Credits: 1

Students are expected to plan, schedule and execute independent projects that demonstrate an advanced level of inquiry and research, craft and technique using the drawing medium of their choice.

Painting I

05157G13

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Students who wish to become familiar with the basics of painting should take this class. Color theory, color mixing, gradation, and other painting techniques will be reviewed and practiced. Projects will be a combination of skill building and student designed projects.

Painting II

05157G23

Prerequisite: Painting I

Grade(s): 10, 11, 12

Credits: 1

Students in grades 10-12 who wish to continue their painting practice and to experience more advanced painting projects should take this class.

Ceramics I

05159G13

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Clay is one of the earth’s most abundant materials. It has been used by people for thousands of years, for a multitude of artistic and utilitarian products. This course introduces ceramic materials for both pottery and sculpture. Pottery will be made on the potter’s wheel and by hand building methods. A variety of methods can be used to create sculptures. Many aspects of artistic expression will be explored. This course is

ideal for the student who wants to pursue a focused ceramic studio experience.

Ceramics II

05159G23

Prerequisite: Ceramics I

Grade(s): 10, 11, 12

Credits: 1

This course is a continuation of Ceramics I, with a greater emphasis on individual development of artistic expression and craftsmanship. Students may wish to develop greater skill or explore a particular segment of the field in more depth.

Advanced Ceramics

05159E33

Prerequisite: Ceramics II or Instructor Permission

Grade(s): 10, 11, 12

Credits: 1

In this course students will continue developing the skills of the potter's wheel as well as hand building techniques. If run during the 4th term, additional outdoor firings such as raku and horse hair firings will take place. This course can be taken more than once.

Sculpture I

05158G12

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

This class is designed to familiarize students with the fundamentals of sculpture including tools, materials, techniques and history. The media to be explored include wood, cardboard, foamcore, modeling clay and stone. Each of the 3 major projects will be introduced within the context of sculpture history. The physical properties of each sculpture material, as well as its design attributes, will be investigated during a rough-draft process in order to prepare

students for their final rendition. This course is ideal for students who want to pursue a focused 3D studio experience.

Sculpture II

05158G22

Prerequisite: Sculpture I

Grade(s): 10, 11, 12

Credits: 1

In Sculpture II, more attention is placed on technical excellence and problems of composition. Students are assisted in developing more personalized sculptures. Sculpture styles are explored according to each student's interests and needs. Issues of art criticism and evaluation help students gain a better understanding of what happens in the creative process.

Digital Art I

05162G12

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Photo-manipulation, digital painting and illustration are the three methods of creating digital images we see in the media today. Photo-manipulation will be the major focus in this class using Photoshop, Illustrator and Painter. We will experiment with expressing ideas and themes visually, combining and collaging photos, and discussing some issues generated by these new technologies such as "Digital Truth." Students will learn the wide range of techniques these programs offer for expressing ideas visually. Students will also work with digital cameras and scanners to develop a unique style of images and manipulate them to produce a variety of dynamic digital artworks.

Digital Art II

05162G22

Prerequisite: Digital Art I or Instructor Permission

Grade(s): 9, 10, 11, 12

Credits: 1

In this class, students will learn digital illustration techniques using Adobe Photoshop and Illustrator software. In the second half of the course, students will learn how to create motion graphics and animations using Image Ready and Adobe Flash software.

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Jewelry I

05166G12

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

This course is for students who want to design and handcraft jewelry. The materials for jewelry are endless and may include acrylic, wire, fiber, recycled materials, natural materials, and found-objects.

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AP Studio Art

05171E11

Prerequisite: Successful completion of two EPHS art courses

Grade(s): 10, 11, 12

Credits: 2

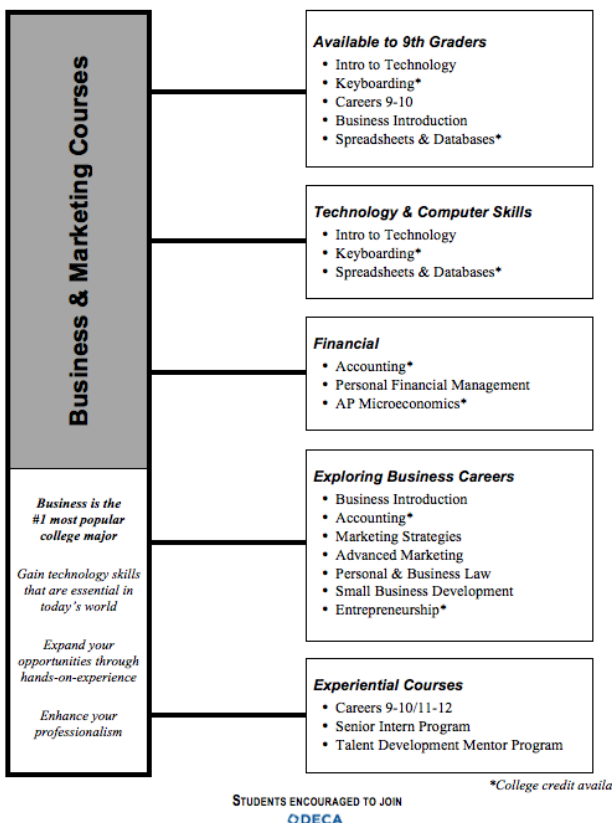
NEW

This course is for advanced art students are interested in building and showcasing their technical and creative skillset. It will focus on building a portfolio of 12 artworks to be submitted to the College Board for potential college credit. Unlike other AP courses, there is not a written exam. Interested students should submit images of 4 ambitious artworks with a written statement of interest to the art department for review.

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Business & Marketing Courses

BUSINESS & MARKETING COURSES



Introduction to Technology

10003G11

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Fulfills the EPHS Technology Graduation Requirement

In today's digital world, the ability to work with technology is vital. Students will learn how to evaluate the accuracy, perspective, credibility and relevance of online information as well as demonstrate how to give credit to online content creators. Multiple open source programs as well as social media use will be explored while

emphasizing the essential 21st century skills of critical thinking, collaboration, creativity, and communication.

9th grade Intro to Technology -

Skinny Option

10003G11B / 10003G11PO / 10003G11TC / 10003G11MC

Prerequisite: Must be concurrently enrolled in a 9th Grade Music course all year.

Grade(s): 9

Credits: 1/semester

Fulfills the EPHS Technology Graduation Requirement

Because EPHS music ensembles meet for half of a block period every day, students have two options for how their time opposite an ensemble is spent. The first option is the "Open Option," where students have an open half to catch up on homework in the commons or Media Center (students do not need to register for an "Open" half). The second option is the "Skinny Option," where students can take Intro to Technology for one semester, opposite of 9th Grade Music Course. Students must be enrolled in 9th Grade Music all year in order to take the Intro to Technology Skinny concurrently with the ensemble. This will allow 9th grade music students to carry more credits during their freshman year. (Registrations will be limited based on class size.) If a student would like to choose the "Skinny Option," use the appropriate skinny course number (see below) in addition to the 9th Grade Music Course registration numbers.

10003G11B (9th Grade Band)

10003G11PO (9th Grade Orchestra)

10003G11TC (9th Grade Treble Choir)

10003G11MC (9th Grade Men's Chorus)



Business & Marketing Courses

Introduction to Technology Online

10003G11OL

Online Course

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Fulfills the EPHS Technology Graduation Requirement

In today's digital world, the ability to work with technology is vital. In Introduction to Technology, students will learn how to evaluate the accuracy, perspective, credibility and relevance of online information as well as demonstrate how to give credit to online content creators. Multiple open source programs as well as social media use will be explored while emphasizing the essential 21st century skills of critical thinking, collaboration, creativity, and communication.

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Introduction to Technology Skills

10003B11

Prerequisite: Referral by case manager

Grade(s): 9, 10, 11, 12

Credits: 1

Fulfills the EPHS Technology Graduation Requirement

Students will learn how to use the EPHS computer system, develop proper keyboarding technique, and use the most common types of software applications. Students will create word processing documents and will be introduced to spreadsheet and PowerPoint units. This course is designed for students who need additional time to master technique and formatting.

Introduction to Technology Blended

10003G11BL

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

NEW

Fulfills the EPHS Technology Graduation Requirement

In today's digital world, the ability to work with technology is vital. Students will learn how to evaluate the accuracy, perspective, credibility and relevance of online information as well as demonstrate how to give credit to online content creators. Multiple open source programs as well as social media use will be explored while emphasizing the essential 21st century skills of critical thinking, collaboration, creativity, and communication.

Note: Blended / Hybrid courses are designed and delivered by EPHS staff. They offer a mix of face to face and online instruction. Course content has elements of student control over time, place, path and/or pace with the goal of affording each student a more personalized learning experience.

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Spreadsheets and Databases

10004A11

College Credit Available

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Excel is perhaps the most important software program used in the workplace today, and you will have a strong competitive advantage in college and the workplace by taking this class! Learn how Excel makes it easy to create formulas and functions to get significant meaning out of numbers in a spreadsheet. Work with pivot tables, use lookup functions, and create charts and graphs along with various other worksheet enhancements to make your data work magic. Learn how Access can help

Business & Marketing Courses

you better manage and organize data through the use of tables, advanced queries, and reports in a relational database.

Personal Financial Management

12007G11

Prerequisite: None
Grade(s): 10, 11, 12
Credits: 1

Learn basic survival skills in managing your personal finances. This class will prepare students for life in understanding the practical skills of economics and personal finance. Students will learn basic money management skills by preparing a budget, maintaining a checking account, and preparing tax forms. As consumers they will learn how to make responsible decisions regarding spending, savings, investing and using credit, which is crucial for young adults to understand prior to graduation. Other topics covered will be housing/mortgages, auto purchasing, and insurance.

Personal Financial Management

Online

12007G11OL

Online Course

Prerequisite: None
Grade(s): 10, 11, 12
Credits: 1

NEW

Learn basic survival skills in managing your personal finances. This class will prepare students for life in understanding the practical skills of economics and personal finance. Students will learn basic money management skills by preparing a budget, maintaining a checking account, and preparing tax forms. As consumers they will learn how to make responsible decisions regarding spending, savings, investing and using credit, which is crucial for young adults to understand prior to graduation.

Other topics covered will be housing/mortgages, auto purchasing, and insurance.

Small Business Development

10005G11

Prerequisite: None
Grade(s): 11, 12
Credits: 1

Have you ever wondered what it would be like to start your own business? Where would you start? What steps would you have to go through? What technology would you and could you use to help you with all of this? Go behind the scenes to look at technology and how it affects a small business. Students will create their own company and use a variety of software programs to complete integrated projects for that company. This course meets one of the prerequisites for the Entrepreneurship course.

Business Introduction

12051G11

Prerequisite: None
Grade(s): 9, 10
Credits: 1

Take a look at business in a changing world by exploring companies like Apple, Amazon, and Target. From economics to marketing to the stock market, entrepreneurship and international business, students will be introduced to each of the many important and exciting facets of business practices. The course is designed to help students determine their interest level in business and to gain an insight to various career opportunities. Speakers will enhance the course content.

Business & Marketing Courses

Keyboarding

12005G11

College Credit Available

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Want to get your homework done faster and improve the quality? If you type less than 35 wpm and/or need improvement in keyboarding skills you should take this course. Emphasis will be placed on skill development including speed, accuracy and technique. Students will develop business communication skills including composing and proofreading while preparing e-mails, letters, reports and tables.

Accounting

12104G11

College Credit Available

Prerequisite: None

Grade(s): 10, 11, 12

Credits: 1

The world of business surrounds us and accounting is the language spoken in the world of business. This introductory course is designed for everyone. Working with sample service businesses, you will discover how a business operates to make a profit. Accounting graduates are in demand with projected job growth of 10% from 2018-2026 - faster than the average for all occupations. (Source: Occupational Outlook Handbook). This course is a must for students interested in a business degree after high school. Accounting is a prerequisite for taking the Entrepreneurship course.

Personal & Business Law

12054G11

Prerequisite: None

Grade(s): 10, 11, 12

Credits: 1

Are you curious about the law and how it affects you? Come take a tour of the American legal system. This course is

designed to inform students of their rights and obligations in business and personal encounters. Topics will include criminal and civil law, ethics and values, the state and federal court systems, youth and the legal system, and negligence.

Careers 9/10

23151G11

Prerequisite: None

Grade(s): 9, 10

Credits: 1

Start exploring careers and post-secondary options NOW so you can pick the high school courses that align with your goals! The Careers 9/10 class covers the curriculum of the Careers 11/12 course but encompasses both high school and post-secondary planning. Post-secondary options are explored with a broad approach rather than a targeted approach that is more appropriate for juniors and seniors. Complete career inventories, explore many careers, learn about different educational options after high school, and learn professional skills that will support your success in high school classes and any career. Meet in small groups with 15+ professionals to learn first-hand about their careers at the weekly Career Roundtables.

Careers 11/12

23154G11

Prerequisite: None

Grade(s): 11, 12

Credits: 1

Note: Enroll in Careers 11/12 only if you have not taken Careers 9/10

College is an expensive place to do career exploration! To be successful in your career decision-making process, you need to know your options and have an idea what you need to be successful in that career. By completing career inventories and talking with experts in the field, you will develop a

Business & Marketing Courses

comprehensive career plan. You will explore careers, options for further education, and learn professional skills that will support your success in any career. Meet in small groups with 15+ professionals to learn first-hand about their careers at the weekly Career Roundtables. It is strongly recommended that students take Careers 9/10 or this course as a junior.

Careers Online

23154G11OL

Online Course

Prerequisite: None
Grade(s): 9, 10 11, 12
Credits: 1

College is an expensive place to do career exploration! To be successful in your career decision-making process, you need to know your options and have an idea what you need to be successful in that career. By completing career inventories and talking with experts in the field, you will develop a comprehensive career plan. You will explore careers, options for further education, and learn professional skills that will support your success in any career. Meet in small groups with 15+ professionals to learn first-hand about their careers at the weekly Career Roundtables.

Marketing Strategies

12152G11

Prerequisite: None
Grade(s): 10, 11, 12
Credits: 1

You will be introduced to the exciting world of marketing by analyzing real-world business situations. You can enhance your communication skills through selling strategies and will use social media to create a promotional campaign. Professional sales and marketing skills give engineers, doctors, lawyers, and, of course, business professionals a dynamic advantage in today's competitive marketplace!

Marketing is a prerequisite for joining DECA and for taking the Entrepreneurship class.

Advanced Marketing

12164E11

Prerequisite: Marketing Strategies
Grade(s): 10, 11, 12
Credits: 1

Advanced Marketing is a project oriented class involving marketing research and business presentations. The course offers you an opportunity to work within a team or as an individual to identify a research need, conduct primary research, and develop and present recommendations. This is a hands-on course where you learn by completing the project. You have the option to work with the business during the project that will give you the opportunity to network and polish your written and oral communication skills which are essential in every career. This class is highly recommended for DECA competitors as you may complete the following written projects in this class: Business Operations Research, Fashion Merchandising Promotion Plan, Sports & Entertainment Marketing Promotion Plan and Advertising Campaign.

Entrepreneurship

12053G11

College Credit Available

Prerequisite: Accounting AND Marketing Strategies, AND Small Business Development
Grade(s): 12
Credits: 1

Students will form partnerships to operate school-based or community-based enterprises during the term. Each company will be responsible for developing marketing plans, managing finances, and writing company reports.

Business & Marketing Courses

Advanced Placement (AP)

Microeconomics

04203E11

College Credit Available

Prerequisite: Algebra II

Grade(s): 10, 11, 12

Credits: 1

Take AP Exam for College Credit

85% of EPHS students have historically scored a 5, 4 or 3 on the AP Exam with 60% scoring a 5 or 4. Learn the factors that determine pricing and production strategies for businesses. Learn how profit and efficiency differ between market structures (perfect competition, monopoly, oligopoly, and monopolistic competition). How do these strategies influence consumer behavior? Find answers to and real-world examples of these questions. AP Micro places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of government's role in promoting greater efficiency in the economy. Other key topics include: supply and demand, government control of markets, elasticity, costs of production, and market failure. Students will use economic reasoning to make sound cost-benefit analysis decisions.

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Senior Intern Program

12995G14 / 12995G24

Prerequisite: Application and Instructor Approval

Grade(s): 12

Credits: 4

Get a head start on your college and career planning by participating in a seminar course and intern experience. You will complete extensive career assessments and then learn about how to network with industry professionals to explore career options. You will also learn employment strategies and professional development skills to make sure you're the one to get the job offer after college. You will have the

opportunity to do informational interviews, job shadows, and internships in all career areas you would like to explore. Apply online at <https://goo.gl/xuUUA6>.

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ENGLISH COURSES

English 9 in 4 A,B,C&D

01001G14 / 01001G24 / 01001G34 /
01001G44

Prerequisite: Teacher Recommendation
Grade(s): 9
Credits: 4

Students will write in a variety of formats and for a variety of audiences, read and view fiction and nonfiction works critically, speak informally and formally, and study for mastery of grammar usage and mechanics of English. In addition to focusing on the agreed upon Essential Learning Targets for English 9 and the standards established by the state, this class will provide reading and writing strategies and skills, time to complete work and practice skills in class, opportunity for individualized attention, and a review of basic grammar usage and punctuation.

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English 9 A&B

01001G12 / 01001G22

Prerequisite: None
Grade(s): 9
Credits: 2

Students will write in a variety of formats and for a variety of audiences, read and view fiction and nonfiction works critically, speak informally and formally, and study for mastery of the grammar and mechanics of English. This course will focus on agreed upon Essential Learning Targets for English 9 and the standards established by the state.

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Honors English 9 A&B

01001E12 / 01001E22

Prerequisite: None
Grade(s): 9
Credits: 2

Summer reading is required.

Performance expectations are appropriately high, and the curriculum is demanding. This course will generally follow the skills taught in the ninth grade curriculum but will do so with modifications to accommodate high-ability students. This course will focus on agreed upon Essential Learning Targets for English 9 and the standards established by the state. Compared to the ninth grade English program, the class will move at an accelerated pace and extend or replace the educational offering of the regular class, emphasize critical thinking skills, require outside reading, read demanding literature, and focus on writing style and voice through various academic writing assignments.

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English 10 in 4 A,B,C&D

01002G14 / 01002G24 / 01002G34 /
01002G44

Prerequisite: English 9 or equivalent and Teacher Recommendation
Grade(s): 10
Credits: 4

Students will write in a variety of formats and for a variety of audiences, read and view fiction and nonfiction works critically, speak informally and formally, and review mechanics of English. In addition to focusing on the agreed upon Essential Learning Targets for English 10 and the standards established by the state, this class will provide reading and writing strategies and skills, time to complete work and practice skills in class, opportunity for individualized attention, and a review of basic grammar and punctuation.

English 10 A&B

01002G12 / 01002G22

Prerequisite: English 9 or equivalent

Grade(s): 10

Credits: 2

Students will write in a variety of formats and for a variety of audiences, read and view fiction and nonfiction works critically, speak informally and formally, and review mechanics of English. This course will focus on agreed upon Essential Learning Targets for English 10 and the standards established by the state.

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English 10 A&B Online

01002G12OL / 01002G22OL

Online Course

Prerequisite: English 9 or equivalent

Grade(s): 10

Credits: 2

Students will write in a variety of formats and for a variety of audiences, read and view fiction and nonfiction works critically, speak informally and formally, and review mechanics of English. Similar to English 10, this course will focus on agreed upon Essential Learning Targets for English 10 and the standards established by the state. However, this course is more demanding in the areas of self-monitoring, time management, meeting deadlines, and self-advocacy. A few times during each quarter, students may have a face-to-face or video conference discussions with the teacher and/or other students to meet speaking standards. This online course is best for those who like to work at their own pace, who have the ability to self-monitor to meet deadlines, and who are willing to reach out to the teacher and other online classmates when there are misunderstandings.

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English 10 A&B Online – Skinny

Option

01002G12SOL / 01002G22SOL

Online Course

Prerequisite: English 9 or equivalent

Grade(s): 10

Credits: 1/semester

This course is intended primarily for students scheduled in full-year music ensemble

Students will write in a variety of formats and for a variety of audiences, read and view fiction and nonfiction works critically, speak informally and formally, and review mechanics of English. Similar to English 10, this course will focus on agreed upon Essential Learning Targets for English 10 and the standards established by the state. However, this course is more demanding in the areas of self-monitoring, time management, meeting deadlines, and self-advocacy. A few times during each quarter, students may have a face-to-face or video conference discussions with the teacher and/or other students to meet speaking standards. This online course is best for those who like to work at their own pace, who have the ability to self-monitor to meet deadlines, and who are willing to reach out to the teacher and other online classmates when there are misunderstandings.

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Honors English 10 A&B

01002E12 / 01002E22

Prerequisite: English 9 or equivalent

Grade(s): 10

Credits: 2

Summer reading is required.

Performance expectations are appropriately high, and the curriculum is demanding. This course will generally follow the skills taught in the tenth grade curriculum but will do so with modifications to accommodate high-ability students. This course will focus on agreed upon Essential Learning Targets for English 10 and the standards established by the state. The class will move at an

accelerated pace and extend or replace course materials of English 10, emphasize critical thinking skills, require outside reading, read demanding literature, and focus on writing style and voice through various academic writing assignments.

English 11 A&B

01003G12 / 01003G22

Prerequisite: English 9 and 10 or equivalent

Grade(s): 11

Credits: 2

This course will focus on eighteenth, nineteenth, and twentieth century foundational works of American literature including Native American and other cultures' texts. Students will conduct short as well as more sustained research projects and write a research paper, engage in collaborative discussions on literature and writing, and develop vocabulary for college and career readiness.

Honors English 11

01003E11

Prerequisite: English 9 and 10 or equivalent

Grade(s): 11

Credits: 2

Summer reading is required.

This course will focus on skills and literature taught in the eleventh grade curriculum but will do so with modifications to accommodate students who have strong reading and writing skills, learn at a fast pace, and operate at a high level of proficiency. Compared to the English 11 course, this course will include material studied at a deeper level, focusing on themes, universal connections, and literary lenses, move at an accelerated pace, emphasize high level thinking skills, require more reading outside of class, require reading of demanding literature, and focus on writing style and voice through various academic writing assignments.

Advanced Placement (AP) English 11: Language and Composition

01005E11

College Credit Available

Prerequisite: English 9 and 10 or equivalent

Grade(s): 11

Credits: 2

Summer reading is required.

This course will focus on skills and literature taught in the eleventh grade curriculum, but students will learn at an accelerated pace, read more texts, and write more frequently. This course uses Advanced Placement (AP) curriculum related to rhetoric and persuasion with an emphasis on non-fiction texts. Students will prepare for the Advanced Placement Language and Composition test in the spring, but the writing skills are also well aligned with general college readiness. This class is recommended for students with strong reading and writing skills and a desire to engage in analysis and discussion of demanding literary and non-fiction texts. Students must be willing to strengthen their writing skills through rigorous evaluation and investment in the writing and revision process. The Advanced Placement Language and Composition course is highly regarded by colleges because of the skills students build in critical thinking, close reading, and effective writing.

English 12 A&B

01004G12 / 01004G22

Prerequisite: English 9, 10, and 11 or equivalent

Grade(s): 12

Credits: 2

This course will focus on foundational works from cultures around the world. Students will write routinely over extended time frames and shorter time frames for a range of tasks, purposes, and audiences including argumentatively to support a

claim. Students will also engage in collaborative discussions on literature and writing and make use of digital media to publish and share their work with an audience.

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English 12 A&B Online

0100412OL / 01004G22OL

Online Course

Prerequisite: English 9,10, and 11 or equivalent

Grade(s): 12

Credits: 2

This course will focus on foundational works from cultures around the world. Students will write formally and informally, read and view fiction works critically, speak informally and formally, and review mechanics of English. Similar to English 12, this course will focus on agreed upon Essential Learning Targets for English 12 and the standards established by the state. However, this course is more demanding in the areas of self-monitoring, time management, meeting deadlines, and self-advocacy. A few times during each quarter, students may have a face-to-face or video conference discussions with the teacher and/or other students to meet speaking standards. This online course is best for those who like to work at their own pace, who have the ability to self-monitor to meet deadlines, and who are willing to reach out to the teacher and other online classmates when there are misunderstandings.

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Honors English 12: The Psychology and Philosophy of Literature

01004E11

Prerequisite: English 9, 10, 11 or equivalent

Grade(s): 12

Credits: 2

Summer reading is required.

This is a course designed for the college bound 12th grade student. Students will focus on the study of literature through the study of diverse psychological concepts, literary theories, and philosophies. Students will read major works drawn from World Literature. A variety of academic writing assignments, including literary analysis and argumentative, is the core of composition requirements. This course is taught utilizing an interdisciplinary, multi-media approach.

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Honors English 12: Humanities

01053E11

Prerequisite: English 9, 10, 11 or equivalent

Grade(s): 12

Credits: 2

Summer reading is required.

This is a course designed for the college-bound 12th grade student. The humanities component will involve studying how intellectual and cultural forces shape the literature, art, music, science, philosophy, and history from the Classical Era to the Middle Ages to the 21st century. In addition to studying the arts, architecture, and music of an era utilizing an interdisciplinary, multi-media approach, students will read extensively in major works drawn from world and British literature. Students will compose a variety of academic writing assignments, including both an argumentative and a literary analysis paper.

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Advanced Placement (AP) English 12: **Literature & Composition**

01006E11

College Credit Available

Prerequisite: English 9, 10, 11 or equivalent;
Completion of an information packet and required
summer reading.

Grade(s): 12

Credits: 2

Registration Recommendation: An “A” average in
Honors English 11 or AP English 11: Language &
Composition is highly recommended

Summer reading is required.

This course is designed to challenge the highly-motivated college bound student who has been successful in prior writing and literature classes. Students should already have a mastery of writing mechanics, sentence structure, and research skills. The course emphasizes discussion, creativity, and English academic excellence.

Preparation for college writing and literature classes is achieved through intensive practice of expository and creative writing styles, including literary analysis. Students will read classical as well as modern works. Students will be required to do extensive reading and critical analyses as well as tests in the same format as the AP English Literature and Composition exam offered each May. On the basis of performance on the exams, students may be granted college credit and/or advanced placement at a college or university’s discretion.

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ENGLISH ELECTIVES

The following courses are for **elective credit only**. They **DO NOT** meet an English graduation requirement.

Standardized Test Preparation and Grammar Workshop

01203G11

Prerequisite: None
Grade(s): 10, 11, 12
Credits: 1

This course is designed for students in grades 10-12 who are motivated to improve their reading and language skills to a level expected by colleges. Critical reading, vocabulary development, and in depth study of English grammar and punctuation will be stressed in this course. It might serve as a review for the language and usage sections of the SAT and ACT tests and as a supplement to foreign language study. Because of the fast-paced, work-intensive environment, students should complete most of their work in class.

Standardized Test Preparation and Grammar Workshop Online

01203G11OL

Online Course

Prerequisite: None
Grade(s): 10, 11, 12
Credits: 1

This course is designed for students in grades 10-12 who are motivated to improve their reading and language skills to a level expected by colleges. Critical reading, vocabulary development, and in depth study of English grammar and punctuation will be stressed in this course. It might serve as a review for the language and usage sections of the SAT and ACT tests and as a supplement to foreign language study. This online course is best for those who like to

work at their own pace, who have the ability to self-monitor to meet deadlines, and who are willing to reach out to the teacher and other online classmates when there are misunderstandings.

Public Speaking and Voice Acting (formerly Effective Speaking in the Digital Age)

01151G11

Prerequisite: None
Grade(s): 10, 11, 12
Credits: 1

Even in today's digital world, the human voice has power. In this active, project-based class, you will learn to use your voice and your creativity to promote ideas, whether that means persuading others on social or political issues, promoting your own entrepreneurship, or informing and entertaining an audience. We'll start with a foundation of basic rhetoric and learn effective techniques for voice, diction, and posture. With those skills, we'll explore 21st century communication. We'll practice traditional speeches for an audience, and we'll work in newer mediums like giving a TED-Talk style presentation, doing character voices for digital media, or developing a podcast. This class will give you new skills and confidence - for any situation you'll have the advantage of knowing what to say and how to most effectively say it.

Eagle Book Club

01062G11

Prerequisite: None
Grade(s): 11, 12
Credits: 1

With a focus on student selection of texts and small-group discussion around student directed areas of interest, students in this class will examine topics and themes in

English Electives Courses

literature that they choose to read utilizing a "book club" format.

Film Studies

11056G11

Prerequisite: None
Grade(s): 10, 11, 12
Credits: 1

Students in this course will analyze and study the languages and developments in film. Students enrolled in this course will better understand how movies are constructed and appreciate the criteria necessary to make a film. This course covers the units of cinematic techniques, the impacts of editing, narrative in film, genres, screenplay development, ethics, production considerations, and auteur theory. This course will focus on the skills of viewing, writing, critical thinking, and development of creativity. Many films viewed in class are rated "R".

Creative Writing

01104G11

Prerequisite: Satisfactory completion of English 9 or equivalent
Grade(s): 10, 11, 12
Credits: 1

This course meets a Fine Arts requirement

This writing course is for sophomores, juniors, and seniors interested in studying the creative process and applying their own creative abilities. Writing experiences may include the following: poetry, short stories, film and scriptwriting, or original storytelling. The course demands a commitment to writing, revising, and sharing work as well as a willingness to use one's imagination.

Acting & Theatre Arts

05055G12

Prerequisite: None
Grade(s): 10, 11, 12
Credits: 1

This course meets a Fine Arts requirement

The principles and responsibilities of the actor are studied in this course. Important acting skills such as voice, diction, concentration, and emotional recall will be studied as approaches to creating a character. Technical elements of theatrical production as well as the history of drama are also covered. Therefore, each student needs a true desire to learn technique through active participation, presentation, and written work. A final class performance open to the public is the culminating activity. Memorization is required and techniques of memorization are taught as students develop one monologue, a duo scene, and a group scene.

Advanced Acting

05055E22

Prerequisite: Acting and Theatre Arts or Instructor Approval
Grade(s): 11, 12
Credits: 1

This course meets a Fine Arts requirement

This course is designed for those students who wish to work in-depth on characterization using monologue, scene, improvisation, film and other forms of dramatic performance. Students will also read and analyze several plays representing at least three distinct eras in theatre history. Students will develop the independence and confidence essential in creating a characterization both through class/workshop-style activities and a culminating public performance.

English Electives Courses

Theatre Production

05064G11

Grade(s): 9, 10, 11, 12

Credits: 1

This course meets a Fine Arts requirement

NEW

This hands-on class will provide authentic experience in multiple aspects of theatre production. Learn relevant research, design, communication, organization, and leadership skills while collaborating on projects ranging from publicity to design of sets, lighting, props, etc. Our projects will support the fall musical and winter shows (depending on the term). No prior experience needed. You do not have to be involved in the cast or crew for the shows to participate in the class.

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Introduction to 21st Century

Journalism - Eagle Update

11001G11

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

This course can meet Applied Arts requirement

Interested in being behind the scenes or in front of a news camera? This course will teach you the basics of video production such as camera work, scripting, editing, appearing on camera, developing and editing stories into broadcast quality news packages. Part of the class will introduce you to the state-of-the-art digital editing and studio equipment in the Multi-media News Production Area. You will develop your skills, then contribute to the daily news show, Eagle Update. This course is also a prerequisite for students wishing to apply for the Advanced Broadcast Journalism class.

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Advanced Broadcast Journalism -

Eagle Vision News

11051E14 / 11051E24 / 11051E34 /

11051E44

Prerequisite: Introduction to Broadcast Journalism

Grade(s): 10, 11, 12

Credits: 1/term

This course meets an Applied Arts requirement

The Eagle Vision News (EVN) mission is to inform the EPHS community of news in an accurate and entertaining way. This course is for the highly motivated student with a sincere interest and commitment to television journalism who thrives on independent initiative and works well in high-pressure situations. The students should be willing to learn complex technical skills and apply those skills creatively in communicating with others. Curiosity and the ability to work with a variety of people are essential for success in EVN.

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Advanced Journalism: News

Magazine / Website / Literary

Magazine

11101E14 / 11101E24 / 11101E34 /

11101E44

Prerequisite: Application

Grade(s): 9, 10, 11, 12

Credits: 1/term

This course meets a Fine Arts requirement

This is a hands-on class for great writers who can meet deadlines and are interested in reporting on topics ranging from EPHS to world events. Learn reporting, journalistic writing, photography, and layout skills while working as part of a dynamic student-led team. Application may be picked up at the English Resource Center or from counselors at CMS. English teacher recommendation is needed. Students must commit to at least two consecutive terms, but are encouraged to register for the full year.

Advanced Journalism: Eagle

Yearbook

11104E14 / 11104E24 / 11104E34 /
11104E44

Prerequisite: Application

Grade(s): 9, 10, 11, 12

Credits: 1/term

This course meets a Fine Arts requirement

This is a hands-on class for students with school pride who will take on the rewarding task of creating the school's yearbook.

Students must be self motivated, creative, and dedicated to thoroughly reporting a year in the life of EPHS. Learn and apply journalistic writing and design skills while working as part of a student-directed team.

Applications can be found on the EPHS website or may be picked up in the English Resource Center or from the counselor at CMS. Students must be able to commit to at least two consecutive terms (either terms 1 and 2 or terms 2 and 3) but may also register for the full year if able.

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ENGLISH LEARNERS COURSES

Students who qualify for the English Learner (EL) program will be served in English Language Development classes, sheltered content classes, or mainstream content classes, as determined by their WIDA language proficiency level.

- English Language Development (ELD): English Learners at English Language Proficiency (ELP) levels 1 & 2 will attend elective ELD courses in English taught by a licensed EL teacher. The focus of the ELD classes is to build social and academic language.
- Sheltered content: English Learners at ELP level 1 & 2 may be registered in one or more sheltered content courses. The sheltered content courses are in the core areas of math, science, social studies, and language arts. Students will learn the academic language structures of each content area while earning graduation credit in that content area. Sheltered courses may be taught by a teacher licensed in both ESL and content, or by a content licensed teacher trained in sheltered instruction practices.
- Mainstream content courses: As students increase in English language proficiency, they will be registered in mainstream content courses, with their English-speaking peers which may be taught by co-teachers, one who is licensed in EL, and one who is licensed in the content area, or by a content-licensed teacher. Licensed EL teachers are available to provide support for students in mainstream content courses.

Students who demonstrate an English language proficiency level of 4.5 overall and 3.5 or higher in each ACCESS domain (speaking, listening, reading, writing) are exited from formal English Learner services and served in the mainstream classroom setting.

English Language Development (ELD)

I - A, B, C, D

Prerequisite: Teacher Recommendation
Grade(s): 9, 10, 11, 12
Credits: 1/term

Note: This course earns students elective credits toward graduation

Using the ELD Standards from WIDA as a foundation, ELD I is designed for students at the Entering level of English proficiency. This course focuses on building students' speaking, listening, reading and writing skills in Social and Academic English through the content areas of Social Studies, Science, Language Arts and Math.

English Language Development (ELD)

II - A, B, C, D

Prerequisite: Teacher Recommendation
Grade(s): 9, 10, 11, 12
Credits: 1/term

Note: This course earns students elective credits toward graduation

Using the MDE ELD Standards as a foundation, ELD II is designed for students at the Emerging level of English proficiency. This course focuses on building students' speaking, listening, reading and writing skills in Social and Academic English through the content areas of Social Studies, Science, Language Arts and Math.

English Language Development (ELD)

III - A, B, C, D

Prerequisite: Teacher Recommendation

Grade(s): 9, 10, 11, 12

Credits: 1/term

***Note:** This course earns students elective credits toward graduation*

Using the MDE ELD Standards as a foundation, ELD III is designed for students at the Developing level of English proficiency. This course focuses on building students' speaking, listening, reading and writing skills in Social and Academic English through the content areas of Social Studies, Science, Language Arts and Math.

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Family and Consumer Sciences Courses

FAMILY AND CONSUMER SCIENCES COURSES

Food Fundamentals

22051G12

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Students in this introductory foods course will practice basic cooking skills related to measuring, food terminology, tools and equipment, kitchen and food safety, nutrition, special diets and meal preparation. Students will prepare and eat foods during labs that may include quick breads, omelets, pasta, fruits, vegetables, and meat cookery.

Gourmet & International Foods

22051G22

Prerequisite: Food Fundamentals

Grade(s): 9, 10, 11, 12

Credits: 1

Fulfills an Applied Arts Requirement

This class is open to 9-12th graders and is an excellent choice for students interested in the culinary field. While students are cooking and eating in lab, they will focus on food presentation and buffet design and applying information such as garnishes, herbs and spices, appetizers, cheeses, soups, and pastries. Students will also tour through regional foods of the United States and explore cultural foods of the world. Speakers and research will offer students new insights into gourmet and ethnic foods.

Sewing I

22151G13

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Fulfills an Applied Arts Requirement

Students will have fun learning to use a sewing machine. They will sew a pillowcase, mittens, pajama pants, and a bag. Fashion concepts of color, line, and design will be covered. Reading and comprehension of pattern directions, measuring, and analyzing patterns for simple size alterations are part of the curriculum.

Sewing II

22151G23

Prerequisite: Sewing I

Grade(s): 9, 10, 11, 12

Credits: 1

This course is open to 9-12th grade students who have passed Sewing I. Students will develop advanced sewing skills in this class and will have the opportunity to construct a zippered decorator pillow, zippered skirt, and a collared shirt. Students will investigate pattern design and alterations and will also further develop sewing skills such as pattern reading, making buttonholes, putting a collar and sleeves on a garment, and using interfacing.

Fashion Design & Merchandising

19208G11

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

If the world of fashion interests you, then this is the class to take. With a focus on both creativity and merchandising, this course will allow you to explore interests and possible career paths related to the fashion industry. Through various projects students will look back at the history of fashion,

Family and Consumer Sciences Courses

study current designers, learn about the principles & elements of design, body types & fashion solutions, fabrics & fibers, apparel production, and merchandising. You will learn how to draw fashion designs and create a portfolio of your work.

Interior Design

22152G11

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Fulfills an Applied Arts Requirement

Explore the world of homes and interiors as you gain skills in decorating and design. Students will study decorating styles, furniture arrangements, elements/principles of design, and floor plan layout. Learning will be demonstrated through completion of a variety of projects using traditional design and computer aided design. Knowledge and skills gained could apply to a career in fields such as real estate, residential or commercial interior design, architecture, or home furnishings.

Child Psychology and Parenting A&B

22101G11

Prerequisite: Must have ability to interact and work with 3-5 year old children

Grade(s): 11, 12

Credits: 2

This is a 2 term course.

This class is ideal for the student who is considering working with children and/or becoming a parent. Course content includes physical, social, emotional, and intellectual development of children, theories of child development, and various parenting skills. As part of this class, students will work with children in an actual preschool setting during the second term of the course. Term B is writing intensive. Students must successfully complete Term A of the course and demonstrate the skills to work with pre-

school children in order to continue on to Term B.

Elementary Mentoring

19153G11

Prerequisite: Must have EPHS parking permit and own transportation. Strong reading/math skills are required to tutor elementary students at the 6th grade level. Minimum of 2.5 GPA required.

Grade(s): 11, 12

Credits: 1

Students in this class will be offering academic reinforcement to elementary school age children. This class is for self-motivated 11th and 12th graders who are considering a career working with school-age children. Students will tutor four days each week at an elementary school. Students must provide their own transportation to the mentor site, and be academically successful in math and reading.

Independent Living

22103G11

Prerequisite: None

Grade(s): 11, 12

Credits: 1

Are you ready to live on your own? This course helps prepare you to live independently by learning about decision-making, getting a job, money management, budgeting, apartment hunting, credit, banking, insurance, and investment options. Great class for all students!

Interpersonal Communication

22102G12

Prerequisite: None

Grade(s): 11, 12

Credits: 1

NEW

This is an excellent choice for those students interested in building communication skills

Family and Consumer Sciences Courses

and understanding communication styles. Students also study about the impact that happiness, humor, and mindfulness have on the individual and their relationships. This is a discussion-based course.

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Contemporary Relationships

22102G22

Prerequisite: None

Grade(s): 11, 12

Credits: 1

This course is designed to provide insight into the dynamics of relationships by examining common stages: dating, marriage, cohabitation, childbearing, and loss. It is a great class for students interested in the social services field. Other learning areas include sexuality-related topics, prenatal development, and birth. Part of the course includes either a computerized infant/parenting simulator project or a new parent research project. This is a discussion-based course.

.....

Life Issues

22105G11

Prerequisite: None

Grade(s): 11, 12

Credits: 1

This is designed to examine and understand the cause, effects and the complexities that certain life issues may have on the individual and their relationships. Some of the topics studied throughout the course include: the personality, eating disorders, self-injury, anxiety, depression, suicide, addiction, and child abuse. This is an excellent choice for students interested in the social sciences.

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Peer Insights

22999G11

Prerequisite: None

Grade(s): 11, 12

Credits: 1

This 11-12th grade class meets ½ of the period for two quarters. You will earn a total of one credit. Students with and without disabilities work together to learn about the challenges and realities of living with a disability. The students plan and participate in class activities to promote social interaction. Each class completes a community service project, research project, and hosts a homecoming celebration as a social event. Students who are interested in teaching, medicine, or careers working with persons who have disabilities should take this class. A class goal is increasing peer interaction for students who live with disabilities.

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HEALTH COURSES

Health Education

08051G11

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Recommendation: *The health education department recommends this course be taken sophomore year, but it can be taken any time.*

This course is designed for students to gain knowledge and develop healthy attitudes to make responsible decisions that enhance individual, family, and community health. Students will evaluate their own wellness and focus on selected areas of contemporary health issues. Units include Mental Health and Wellness, Drug and Addiction Education, Relationships and Reproductive Health and Wellness. Community speakers and resources, class projects, and interpersonal communication skills are part of the essential learning targets for this course.

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Health Education Online

08051G11OL

Online Course

Prerequisite: None

Grade(s): 10, 11, 12

Credits: 1

Students must be a sophomore, junior or senior to enroll in online Health. Students who take Health on-line should be organized, self-motivated, and independent learners who are able to manage the course requirements outside of a traditional classroom setting. This course will be conducted in an independent self-paced design and is designed to motivate students to increase the quality of their life by analyzing decisions that can enhance individual, family and community health. Students in Online Health will be required to attend Guest Speaker presentations during

their scheduled online hour approximately 8 times during the term of the course.

The course is designed to motivate students to increase the quality of their life by analyzing decisions that can enhance individual, family and community health. Students will evaluate their own wellness and focus on selected areas of contemporary health issues. Units include Mental Health and Wellness, Drug and Addiction Education, Relationships and Reproductive Health. Community speakers, class projects, and interpersonal communication skills are part of the essential learning targets for this course. Students will be required to complete 1 project in each unit as well as multiple mini lessons and assignments. Learning will be shown in a variety of ways, including online discussions, video chats, Flipgrid, and other online tools.

Sophomores in online health will be assigned a study hall during their online hour. The health education department recommends this course be taken sophomore year, but it can be taken any time..

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Health Elective - First Aid and CPR/AED Certification

08055E11

Prerequisite: Health Education

Grade(s): 10, 11, 12

Credits: 1

Note: *This course is for elective credit only.*

Health Elective – First Aid and CPR/AED Certification is an elective Health Class. This is an active, participatory class which includes hands on activities, speakers, and field trips. Students are trained in American Heart Association First Aid and CPR for Adult, Child and Infant and AED training. Upon completion of this class, students will earn an official Certification for First Aid

and CPR/AED Certification. In addition to these life saving skills the students will learn how to live a healthy lifestyle through a unit on nutrition and physical activity. Students must have completed the health education graduation requirement before taking this course.

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Health Elective - The Science of Happiness

08057G11

Prerequisite: Health Education

Grade(s): 11, 12

Credits: 1

Note: This course is for elective credit only.

This course will focus on making behavioral changes that directly impact students' lives. Stress management, happiness, self-esteem, empathy, friendship, love, showing gratitude, acts of kindness, connecting with others personally are all behaviors rich in research that have great impacts in our overall happiness. The Science of Happiness would be organized around a series of themes presented weekly. Each theme is presented over the course of a week, where students will hone in on a specific topic or skill that's important to a happy life, each theme being backed by research. Students will perform a "lifestyle change project" as the summative assessment for this course.

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Hennepin Technical College (HTC) Courses

HENNEPIN TECHNICAL COLLEGE (HTC) COURSES

Intermediate District 287

RESPONSIVE. INNOVATIVE. SOLUTIONS.

Hennepin Technical Pathways 2020-21 Course Offerings

Career Courses	8:00-9:40	10:00-11:40	12:10-1:50
Auto Body Repair (Approx. \$25 lab fee)	Auto Body Repair *	Auto Body Repair *	Auto Body Repair *
Automotive Technology	Auto Technology *	Auto Technology *	Auto Technology *
Construction		Construction *	Construction *
Cooking for Independent Living	Cooking for Independent Living	Cooking for Independent Living	
Culinary Arts			Culinary Arts *
Criminal Justice (Fall Semester)		Intro to Criminal Justice *	Intro to Criminal Justice *
Criminal Justice (Spring Semester)		Police & Community*	Police & Community*
Nursing Assistant (Fall Semester)	Nursing Assistant *	Nursing Assistant *	Nursing Assistant *
Nursing Assistant (Spring Semester)			Nursing Assistant *
Health Careers (Spring Semester)	Health Careers *	Health Careers *	Health Careers *
Outdoor Motor Sports	Outdoor Motor Sports/Home Shop *	Outdoor Motor Sports *	Outdoor Motor Sports *
Intro to Information Technology	IT Exploration/Stem Fuse *	Intro to IT /Stem Fuse*	Intro to IT/Stem Fuse *
EMR		EMR *	EMR *
Taste of Tech	Taste of Tech	Taste of Tech	

Dark Gray = Not offered during this time slot

Course with an asterisk (*) offer Articulated or Concurrent College Credit

Hennepin Technical College (HTC) Courses

CAREER COURSES

Career courses are designed to assist students in making career decisions. Hands-on instruction is emphasized. Each course offers a broad array of information from similar careers within an industry. From here, students could use the skills and knowledge learned to branch off into a post-secondary career choice or explore employment in the area of study.

Class activities will include:

- Exposure to equipment and practices representative of current industry standards
- Lab projects designed to “put it all together”

Students will:

- Gain an understanding of the opportunities available within their chosen field of study
- Develop a foundation of technical knowledge and skill development
- Acquire a deeper understanding of each related college offerings and how it matches their interests, abilities and aspirations

Courses are scheduled to meet for approximately two hours during the school day, Monday through Friday. Students should see their high school counselor for additional information.

Classes: 8:00 – 9:40 a.m.

10:00 – 11:40 a.m.

12:10 – 1:50 p.m.

Intermediate District 287 serves high school students by offering courses that are designed to match each student’s level of career readiness. Intermediate District 287’s career courses focus on career skill development experiences and exploration.

CREDITS/SCHEDULING:

- Each semester class offered at HTC equals 3 credits.
- HTC courses are one semester in length.
- Many programs offer articulated college credit.
- Transportation is provided for the 10:00 session only

To register, you must see your counselor to obtain an application and the numbers to enter on your registration form.

Construction I

Prerequisite: 2 EPHS Technology Education courses

Note: This is an articulated course

The goal of this course is to provide students with experiences and examples of the

construction industry that will allow them to assess their own abilities and interests in the various construction disciplines.

Students will participate in classroom, shop, and house-project activities. The activities in the shop and house project will allow the students to have hands-on opportunities in many construction disciplines.

This experience will allow students to make informed career decisions for the future, while providing them with a useful background in the construction industry.

Fall Semester (10:00 am & 12:10 pm):

Areas of Study may include:

- Introduction to Residential Construction
- Wall Framing
- Basic Residential Electrical Principles
- Materials & Methods
- Residential Blueprint Reading

Note: A lab fee is required for this course.

Construction II

Prerequisite: 2 EPHS Technology Education course

Note: This is an articulated course

Hennepin Technical College (HTC) Courses

The goal of this course is to provide students with experiences and examples of the construction industry that will allow them to assess their own abilities and interests in the various construction disciplines.

Students will participate in classroom, shop, and house-project activities. The activities in the shop and house project will allow the students to have hands-on opportunities in many construction disciplines.

This experience will allow students to make informed career decisions for the future, while providing them with a useful background in the construction industry.

Spring Semester (10:00 am & 12:10 pm)

Areas of Study may include:

- Introduction to CAD
- Ceramic Tile
- Basics of Cabinetmaking
- Deck construction
- Intro to Stair Framing
- Intro to Rafter Framing

Note: A lab fee is required for this course.

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Culinary Arts

Prerequisite: *EPHS Food Fundamentals course*

Note: *This is an articulated course*

Fall Semester (12:10 pm)

This course is intended to introduce students to a variety of careers in the food service industry. Students will experience a number of career areas through both technical and hands-on skills. Employment opportunities and career advancement will be discussed and explored. Food preparation experiences will range from the very basic to gourmet. Students will also explore some specialty career areas within the food service industry.

Areas of Study:

- ServSafe Certification
- Introduction to the food service industry

- Safety and sanitation
- Reading and conversion of recipes
- Tools and Equipment
- Basic principles of cooking and food science
- Mise En Place
- Stocks and Sauces
- Soups

Note: There is a lab fee for this course.

Spring Semester (12:10 pm)

This course offers a more advanced level of culinary training tailored to the standards of the culinary industry. Students will be expected to perform at entry-level industry standards. Hands-on activities are about 70 percent of the coursework.

Areas of Study:

- ServSafe Certification
- Vegetable cookery
- Potato cookery
- Legumes, grains, pasta and starch cookery
- Meat, poultry, and seafood cookery
- Salad dressings and Salad
- Sandwiches
- Breakfast Cookery
- Intro to baking

Note: There is a lab fee for this course.

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Cooking For Independent Living

Note: *No articulated credit is available for this course*

Fall and Spring Semester (8:00 am & 10:00 am)

This course introduces the student to basic food preparation skills for use in the home setting as well as on the job. The student will learn to prepare balanced meals with emphasis on nutrition and economy. This course is designed for students who are developing transition skills.

Students who continue in the Spring Semester will build on skills learned Fall

Hennepin Technical College (HTC) Courses

Semester, increasing their level of independence.

Areas of Study:

- Menu planning
- Economy-budgeting
- Nutrition
- Sanitation and Safety
- Food preparation skills
- Knife skills
- Full meal preparation
- Shopping for Food
- Sanitation and Safety
- Measurements

Note: A lab fee is required for this course

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Intro to Criminal Justice

***Note:** This course has concurrent college credit worth 3 semester credits.*

This course will introduce the student to the criminal justice system. Student study will focus on the components of the criminal justice system: Laws and Government, Policing, Courts, and Corrections. Students will learn how the four components are connected and related. Topics include history, ethics, victimization, crime statistics and extent, our changing society, and advances in technology. Court cases as well as system successes and failures are discussed and analyzed. This course satisfies Minnesota Transfer Curriculum (MNTC) Goal 9: Ethical and Civic Responsibility.

Fall Semester (10:00 am and 12:10 pm)

Major Content:

- Crime and the Criminal Justice System in the United States
- Nature of Crime and Victimization
- Crime statistics commonly used
- Criminal and constitutional law issues
- History of Policing

- Organization, role, and function of policing
 - Community oriented policing/Problem solving policing
 - Organization, role, and function of courts
 - The criminal prosecution process
 - Prosecution and defense attorneys
 - History of corrections
 - Organization, role, and function of jails and prisons
 - Probation and parole; community based corrections
 - Determinate and indeterminate sentencing models
 - Juvenile Justice System
 - Minnesota POST Board requirements
-

Police and Community

***Note:** This course has concurrent college credit worth 3 semester credits.*

This course will focus on the origins, history, and current practices of policing. Key issues, questions, and concepts related to police interaction with communities as well as relevant court cases are studied. Topic areas include ethics, leadership, diversity, problem solving, volunteerism and communication.

Spring Semester (10:00 am and 12:10 pm)

Major Content:

- Introduction to the historical development of policing in society
- Development of American police in relation to local and national security
- Professional reports and influence of police research

Hennepin Technical College (HTC) Courses

- Role of psychological and job testing
 - Police professionalism
 - Knowledge of field training officer (FTO) training aspects
 - Police discretionary behavior
 - Police hierarchy and career development
 - Bias motivated crime and mandated reports
 - Domestic abuse and assault and mandated reports
 - Corruption and abuse of power
 - Civic and ethical responsibility and evaluation citizens' complaints
 - Ethnic, racial, and female presence on the force
 - Community policing and crime prevention
 - Police legal standards of liability
 - Coping with occupational stress and agendas for change in American policing
 - Police role in court and correctional process
 - Diversity and respect in community collaboration and problem-solving
 - Application of Constitutional amendments and State statutes
 - POST Board Standards of Conduct
-

Emergency Medical Responder (EMR)

Note: This course has concurrent college credit worth 3 semester credits.

This course prepares students to provide immediate lifesaving prehospital assessment and care for patients of all ages until additional medical help arrives. Students will learn about responder roles, responsibilities, and legal concerns as well

as patient assessment, care and stabilization. Additional topics of study include an introduction to emergency medical services systems, anatomy and physiology, responder safety and career opportunities. Practical skills required for EMR's to deal with medical and traumatic emergencies will be taught and students will be trained in professional rescuer CPR.

Fall or Spring Semester (10:00 am & 12:10 pm)

Areas of Study:

- The Emergency Medical System
 - Responder Safety and Wellness
 - Medical, Legal, and Ethical Issues
 - Communication, Documentation and Terminology
 - Anatomy and Physiology
 - Airway Management
 - Patient Assessment
 - Medical Emergencies
 - Bleeding, Shock, and Musculoskeletal Injuries
 - Childbirth
 - Pediatric and Geriatric Emergencies
 - Patient Extrication, Movement and Transport
-

Nursing Assistant

Note: This is an articulated course

This course prepares students for entry-level patient-care employment. Students will acquire skills in basic nursing, human-needs rehabilitation, and restorative services. Skills are practiced in a supervised laboratory and in a long-term care facility. Upon successful completion, students will be eligible to take the MN State Nursing Assistant Competency exam. Successful completion of this course requires 80 percent or higher scores on each written test, completion of all skill demonstrations, completion of ALL

Hennepin Technical College (HTC) Courses

scheduled clinical hours, and 90 percent or better attendance in classroom and lab. A mantoux test within 90 days of clinical is required.

Fall Semester (8:00 am, 10:00 am & 12:10 pm)

Spring Semester (12:10 pm)

Areas of Study:

- Resident rights
 - Safety and infection control
 - Communication
 - Death and dying
 - Nutrition
 - Personal care
 - Vital signs
 - Mental health rehabilitation
 - Introduction to Medical Terminology
-

Health Careers

Note: Part of this course is an articulated course

This exciting course is for students interested in exploring a career in the medical field. In addition to career exploration, students will also develop career goals, identify personal characteristics, learn medical terminology and be introduced to anatomy and physiology.

Spring Semester (8:00 am, 10:00 am & 12:10 pm)

Areas of Study:

- Medical terminology
 - Safety and infection control
 - Personal characteristics, legal and ethical responsibilities
 - Career exploration in Diagnostics, Therapeutics, Health Informatics, Support Services and Biotechnology Research and Development
 - AHA CPR & First Aid
 - Team member and leadership skills
-

Auto Body Repair

Prerequisite: 2 EPHS Technology Education courses

Note: This is an articulated course

Fall Semester (10:00 am & 12:10 pm)

This introductory course to auto body technology teaches non-structural repair, collision damage estimating, and refinishing. This is a skill-building course that starts students on their way towards becoming proficient in the auto body industry.

Areas of Study:

- Automotive refinishing
- Detailing
- Estimating
- Safety Practices

Spring Semester (10:00 am & 12:15 pm)

In this course, students learn MIG welding, dent repair, and alignment of bolts on parts.

Areas of Study:

- Cutting and heating processes
- Welding
- Non-structural repair
- Disassembly, assembly, and alignment of bolt-on components
- Advanced welding project

Note: A lab fee is required for this course.

Painting/Welding for Auto Body Repair

Prerequisite: 2 EPHS Technology Education courses

Note: This is an articulated course

Students will learn oxyacetylene cutting and welding, MIG welder set up, removal of welded components on vehicles and replacement, plastic welding and plastic repair.

Fall Semester (EPC) (8:00 am)

Areas of Study:

Hennepin Technical College (HTC) Courses

- Oxyacetylene cutting and welding
- MIG welding/set up
- Weld drilling and cutting
- Plastic welding/repair
- Surface Prep
- Undercoats
- Finish coats
- Polish

Note: There is a lab fee for this course.

Advanced Auto Body Repair

Prerequisite: Student must have completed both Fall and Spring Semester Auto Body Repair courses

Note: This is an articulated course

Students refine their skills in repairing today's technologically advanced cars that require knowledge of metals and plastics and proficiency in performing structural repairs using specialized equipment. Students will restore and refinish vehicles, using skills learned in class.

Fall or Spring Semester (Instructor approval required) (EPC) (8:00 am, 10:00 am & 12:15 pm)

Areas of Study:

- Frame repair
 - Welding
 - Metal finishing
 - Painting
 - Alignment of body components
-

Automotive Technology

Prerequisite: 2 EPHS Technology Education courses

Note: This is an articulated course

Fall Semester (8:00 am, 10:00 am & 12:10 pm):

Students learn basic automotive systems and begin mastering tools, techniques, and maintenance procedures regularly performed on automobiles. Students will perform work on donated vehicles or their own vehicles,

and conduct repair and maintenance procedures on tires, steering, suspension, and electrical systems. In addition, students will acquire shop safety habits essential to work in an automotive service shop. Experiences include using on-line automotive resources similar to those at automotive service centers to find information on all mass-produced vehicles.

Areas of Study:

- Suspension and steering
- Automotive electrical systems

Spring Semester (8:00 am, 10:00 am & 12:10 pm):

This course continues the study of fundamental automotive theories and operating systems. Students learn about automotive brake systems through lecture and hands-on activities. Students will learn brake theory, diagnosis, and repair. In addition, basic engine theory, fuel injection, ignition, and engine performance will be covered. (Fall Semester is not a prerequisite for the Spring Semester course.)

Areas of Study:

- Brakes
- Engine theory
- Engine performance

Note: There is a lab fee for this course.

Outdoor Motor Sports / Power

Equipment I

Prerequisite: 2 EPHS Technology Education courses

Note: This is an articulated course

Students will learn how to maintain and repair ATVs, motorcycles, mini bikes, snowmobiles, personal watercraft, and small internal combustion engines used on power equipment such as lawn tractors, generators, trimmers, and leaf/snow blowers. Students will also learn engine maintenance, preventive care, problem solving, minor and

Hennepin Technical College (HTC) Courses

major engine rebuilding, and how to achieve customer satisfaction. The curriculum focuses on skill building projects and troubleshooting. Students learn industry standards and current technology using both factory and after-market manuals and text.

Fall or Spring Semester (EPC) (10:00 am & 12:15 pm)

Areas of Study:

- Engine rebuilding
 - Repair and overhaul
 - Shop safety
 - Trouble-shooting techniques
-

Outdoor Motor Sports / Power Equipment II

***Prerequisite:** Student must have passed Outdoor Motor Sports/Power Equipment I*

***Note:** This is an articulated course*

Students in this advanced course will focus on skill building, diagnostics, trouble-shooting, preventive care, and minor and major engine rebuilding. A large emphasis will be placed on time management which will include ordering parts, customer communications, invoicing, and computer skills. Electrical components, along with reading schematics and the repair of these items, will also be a component of this course. Electrical motors and the various charging systems will be introduced. Students will learn to use a multimeter in coordination with manufacturer specific service manuals to diagnose, troubleshoot and correct electrical problems.

Fall or Spring Semester (EPC) (10:00 am & 12:15 pm)

Areas of Study:

- Electrical components
 - Reading schematics
 - Repair and overhaul
 - Electrical motors and battery power
-

Power Sports for the Enthusiast/Home Shop

***Note:** This is an articulated course*

Power Sports for the Enthusiast focuses on both preventative and routine maintenance of power sports equipment. Students will learn how to properly store their seasonal equipment. Students will also set up and maintain a “home shop” learning how to budget and purchase tools and equipment, maintain their “shop” and perform projects required with the resources they have at their “shop”. Problem solving and critical thinking are two of the “tools” the students will frequently use.

Fall or Spring Semester (EPC) (8:00 am)

Areas of Study:

- How to bleed hydraulic brakes
 - How to tighten a chain on a dirt bike
 - How to align the skis on a snowmobile
 - How to lower a motorcycle
 - How to wire in an integrated tail light
 - How to change impeller on an outboard
-

Introduction to Information Technology

***Prerequisite:** 2 EPHS Technology Education courses*

***Note:** This is an articulated course*

This course will introduce the student to an overview of the IT principles which every business and computer student should understand. This course will present the changing role of the IS professional as well as introduce concepts that will be covered more fully in advanced classes. This course will utilize hands-on experiences to maximize instruction.

Fall & Spring Semester (EPC) (8:00 am, 10:00 am, and 12:10 pm):

Areas of Study:

- IT Exploration (8:00 am) Articulated
- Web Design (8:00 am)
- Define terms

Hennepin Technical College (HTC) Courses

- Label computer components
- Utilize application software
- Describe data communications
- Apply business and computer ethics
- Identify computer security issues
- Characterize database functions
- Explore future job opportunities
- Apply decision making practices
- Explain artificial intelligence technologies
- Explore emerging technologies
- Animation (Stop Motion & 2D & 3D)
Students will learn to animate your own project
- Build their dream computer in presentation form and present to the class
- Learn to disassemble and reassemble a computer

Taste of Tech

Taste of Tech is a class that is designed to help students explore different Career and Technical careers. Students who take this class will be exposed to all of the Pathways courses that are taught at the times mentioned above for a two-week period. This class is open for students to enroll at any time throughout the semester.

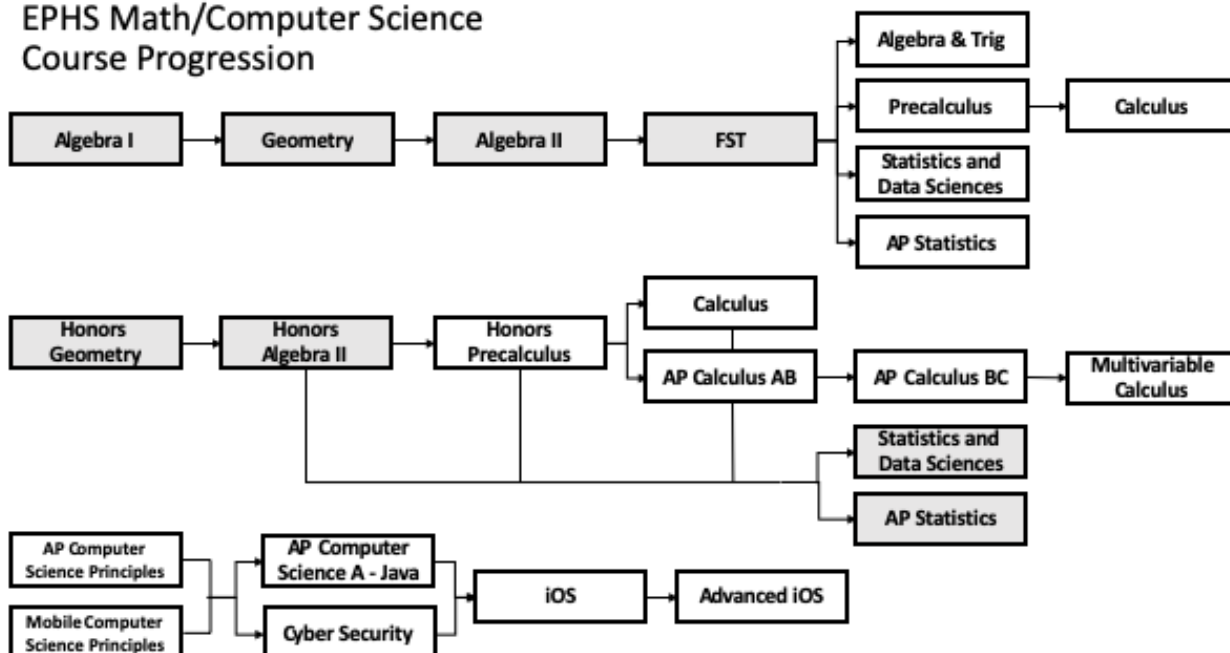
Fall & Spring Semester (8:00 am & 10:00 am):

While the students are exposed to the Pathways courses they will focus their learning on:

- Career investigation
 - Job outlook
 - Salary potential
 - Industry specific safety
 - Tools and techniques
 - Industry specific project
-

MATH COURSES

EPHS Math/Computer Science Course Progression



Shaded courses are required for graduation. Note that AP Computer Science Principles (AP CSP) and Mobile Computer Science Principles both fulfill the EPHS technology requirement for graduation.

Math Graduation Requirements

REQUIRED COURSES

Path 1: Geometry A&B, Algebra II A&B, FST

Path 2: Honors Geometry A&B, Honors Algebra II A&B, AP Statistics A&B or Statistics and Data Science

NOTE: The University of Minnesota will require **four years** of Mathematics for their incoming students. *Check with your counselor for additional information.*

ADVANCED STUDY

After completing appropriate course prerequisites, the following courses are suggested for advanced study:

- Pre-Calculus or Honors Pre-Calculus
- Statistics and Data Science
- Calculus, AP Calc AB, AP Calc BC
- Calculus III – Multivariable Calc

- Algebra / Trigonometry
- AP Statistics AB
- AP Computer Science Principles
- AP Computer Science – Java A&B
- iOS Mobile App Development
- Cyber Security

Pre-Algebra A&B

02005G12 / 02005G22

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 2

Note: This course is offered for elective credit only.

Successful mathematicians make sense of problems and persevere in solving them. In this class, we develop mathematical fluency, flexibility, precision, and accuracy through practice, collaboration, mistakes, and

reflection. This course covers integer operations, rational numbers (fractions), situational problems, basic geometry, modeling, looking for and making sense of structure, generalizing, solving multistep equations, and using technology to explore algebraic concepts. After successful completion of Pre-Algebra, students should enroll in Algebra I.

Algebra I A&B

02006G14 / 02006G24

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 2

Note: This course is offered for elective credit only.

All students who have not successfully completed Algebra I (linear) in middle school or another school district must complete this course. This course will use a variety of instructional methods to engage students in the study of algebra. After successful completion of Algebra I, students should enroll in Geometry.

Geometry A&B

02072G12 / 02072G22

Prerequisite: Algebra 8 or Honors Algebra 8 (at CMS) or Algebra I (at EPHS)

Grade(s): 9, 10, 11, 12

Credits: 2

Students will study the language, logic, and applications of geometry. Students will communicate their problem solving skills, construct logical arguments, and analyze patterns to measure the world around them in terms of space, shape and size. Note: the successful completion of Geometry A & B is a graduation requirement. After successful completion of Geometry, students should enroll in Algebra II. Students who are successful in Geometry often go on to take AP Computer Science Principals.

Honors Geometry A&B

02072E12 / 02072E22

Prerequisite: Honors Algebra 8, or teacher recommendation

Grade(s): 9, 10, 11, 12

Credits: 2

Registration recommendation: Grade of A- or better in Algebra I, Honors Algebra 8 strongly recommended

Honors Geometry students will study the language, logic and applications of geometry. Students will communicate their problem solving skills, construct logical arguments, and analyze patterns to measure the world around them in terms of space, shape and size. Enrichment comes in the form of more challenging projects, significant emphasis on written work associated with projects, challenge-of-the-mind exercises and more challenging daily work. After successful completion of Honors Geometry, students should enroll in either Algebra II or Honors Algebra II. Students who are successful in Honors Geometry often go on to take AP Computer Science Principles.

Algebra II A&B

02142G12 / 02142G22

Prerequisite: Algebra I and Geometry

Grade(s): 9, 10, 11, 12

Credits: 2

Students must register for both terms A & B of this course.

This course provides the foundation for the study of advanced mathematics. Topics include: linear, quadratic, and polynomial functions. Students will simplify complex expressions, powers, and roots, and solve equations, inequalities, and systems of equations through graphing and algebraic reasoning. The topics of sequences and series and an introduction to complex numbers are also explored in Algebra II. Note that successful completion of the Algebra II course is a graduation

requirement. After successful completion of Algebra II, students should enroll in FST.

Honors Algebra II A&B

02142E12 / 02142E22

Prerequisite: Honors Geometry or Geometry (per teacher recommendation only)

Grade(s): 9, 10, 11, 12

Credits: 2

Registration Recommendation: *Honors Geometry with a "B" or better grade average. Regular Geometry students with teacher recommendation.*

Expectations include mastery of Algebra I concepts. A review packet is distributed during the summer or before 3rd term and a test is given on the material the first week of class. Students should be able to work independently and in groups and be highly motivated and willing to accept a challenge. This is a fast paced and rigorous course. In addition to topics covered in Algebra II, enriched units may include advanced functions, complex numbers, solving polynomials, logarithms, and analytic trigonometry. Students who complete Honors Algebra II must also complete either AP Statistics or Statistics and Data Science in order to meet graduation requirements. In addition, students who are successful in Honors Algebra II often go on to take Pre-calculus or Honors Pre-calculus.

FST (Functions, Statistics, and Trigonometry) A&B

02103G12 / 02103G22

Prerequisite: Geometry and Algebra II

Grade(s): 10, 11, 12

Credits: 2

Registration Recommendation: *Successful completion of Algebra II - Students from Honors Algebra II should enroll in Pre-calculus or Honors Pre-calculus along with AP Statistics or Statistics and Data Science. This class is not for students who have completed Pre-Calculus.*

Note: *Successful completion of FST is a graduation requirement.*

Students must register for both terms A & B of this course.

This course provides the foundation for the study of advanced mathematics and continues the topics presented in Algebra II. Topics include: linear, quadratic, radical, rational, and trigonometric functions. Statistics is a strong component of this course. Many applications are studied with the assistance of a graphing calculator. This course has been designed for those who have completed Algebra II and completes the courses required for graduation. Students who are successful in FST often go on to take Statistics and Data Science, Algebra & Trigonometry, or Pre-Calculus.

FST Standards (Functions, Statistics, and Trigonometry) A&B

***** / *****

Prerequisite: Algebra II or Algebra II Standards and Geometry (Teacher Recommendation Only)

Grade(s): 10, 11, 12

Credits: 2

Registration Recommendation: *This class is not for students who have completed Honors Algebra II or Pre-Calculus and beyond.*

Note: *Successful completion of the Standards FST, FST, Statistics and Analytics, or AP Statistics is a graduation requirement.*

Students must register for both terms A & B of this course.

This course provides students an opportunity to learn and demonstrate mastery of the remaining math standards required for graduation and continues the topics presented in Algebra 2. Topics include: linear, quadratic, polynomial, radical, rational, exponential, and trigonometric (right triangle) functions. Statistics is a strong component of this course. Many applications are studied with the assistance of a graphing calculator. This course has been designed

for those who have completed Algebra 2 or Algebra 2 Standards.

FST (Functions, Statistics, and Trigonometry) Blended

02103G12BL / 02103G22BL

Prerequisite: Algebra II and Geometry

Grade(s): 10, 11, 12

Credits: 2

Blended FST is a self-paced mastery method designed course with three levels of content completion: Standards FST, FST, and Honors FST. Students will move at a personalized pace to master each concept of the course. Instruction in this course is through video lessons, peer collaboration, and small group instruction.

This course provides the foundation for the study of advanced mathematics and continues the topics presented in Algebra II. FST topics include: linear, quadratic, polynomial, radical, rational, exponential, trigonometric functions, probability, and statistics. Many applications are studied with the assistance of a graphing calculator.

Successful completion of the Standards FST course meets all graduation requirements, but does not meet the prerequisites for any other math course at EPHS. Students who complete FST will be equipped to take College Algebra, Pre-Calculus, Stats & Analytics, or AP Statistics. Students completing Honors FST are also eligible for Honors Pre-Calc in addition to those aforementioned courses.

Algebra & Trigonometry A&B

02106G12 / 02106G22

College Credit Available

Prerequisite: FST

Grade(s): 11, 12

Credits: 2

Registration Recommendation: A grade average of "C" or higher in FST

This course is a great start to a student's college transcript! It is recommended for students who are college bound, but do not necessarily desire to be math majors. Algebra & Trigonometry emphasizes the properties of functions and their graphs. Concepts covered throughout the two terms of the course are: linear, quadratic, polynomial, rational, exponential and logarithmic functions as well as matrices, determinants, conic functions and trigonometry. Other topics include solving equations, inequalities, and systems of equations.

This course is not open to students who have successfully completed Pre-calculus with a "B" or better.

Pre-Calculus A&B

02110G12 / 02110G22

Prerequisite: Honors Algebra II or FST

Grade(s): 9, 10, 11, 12

Credits: 2

Registration Recommendation: Grade average of "B" or higher in Honors Algebra II or FST (Term A)

This course should be taken by students who want to be challenged by higher level thinking and analysis in the world of mathematics. The main emphasis of the course is to expand on Algebra II and Geometry by a more in depth study of functions, graphing (graphical analysis), and trigonometry as well as other advanced topics beyond the scope of previous courses. Students are required to have a graphing calculator for this course (recommended Texas Instruments TI-89 or TI-84 calculator). Students who are successful (A- or better) in Pre-Calculus often go on to take Calculus, AP Calculus, AP Computer Science A (Java), Statistics and Data Science, and/or AP Statistics.

Honors Pre-Calculus A&B

02110E12 / 02110E22

Prerequisite: Honors Algebra II or teacher recommendation

Grade(s): 9, 10, 11, 12

Credits: 2

Registration Recommendation: A grade average of "B" or higher in Honors Algebra II

This course should be taken students who want to be challenged by higher-level thinking and analysis in the world of mathematics. The core curriculum is the same as Pre-Calculus with the addition of honors level extensions and discussions of advanced topics. Students are required to have a graphing calculator for this course (recommended Texas Instruments TI-89 or TI-84 calculator). Students who are successful (A- or better) in Honors Pre-Calculus often go on to take Calculus, AP Calculus, AP Computer Science A (Java), Statistics and Data Science, and/or AP Statistics.

Statistics and Data Science (formerly Statistics and Analytics) A&B

02202G12 / 02202G22

Prerequisite: Honors Algebra II or FST

Grade(s): 11, 12

Credits: 2

"The best thing about being a statistician is that you get to play in everyone's backyard."
- John Tukey (1915-2000)

Statistics and Data Science provides a practical introduction to descriptive and inferential statistics. Students learn statistical reasoning: collecting data, analyzing data, and making reasonable conclusions. Use of technology will be prominent. Throughout the course, students complete investigations on topics of their choice that require statistical reasoning and focus on clear, concise communication of technical information. This course is an excellent preparation for college-level

statistics and can be taken concurrently with other math courses.

Advanced Placement (AP) Statistics

A&B

02203E12 / 02203E22

College Credit Available

Prerequisite: Honors Algebra II OR FST

Grade(s): 10, 11, 12

Credits: 2

Registration Recommendation: A grade average of "B" or higher in FST or Honors Algebra II.

Preparation for the AP exam will be provided in class and students are strongly encouraged to take the examination. Advanced Placement Statistics will introduce students to the major concepts and tools for collecting data, analyzing data, and drawing conclusions from data. The course follows four broad conceptual themes: Exploring Data: Observing patterns and departures from patterns; Planning a Study: Deciding what and how to measure; Anticipating Patterns: Producing models using probability and simulation; and Statistical Inference: Estimating parameters and testing hypotheses. Students are required to have a graphing calculator for this course (recommended Texas Instruments TI-89 or TI-84).

Calculus A&B

02121G12 / 02121G22

Prerequisite: Pre-Calculus or Honors Pre-Calculus

Grade(s): 9, 10, 11, 12

Credits: 2

Registration Recommendation: A grade average of "B" or higher in Pre-Calculus or Honors Pre-Calculus

This is a rigorous college level course for the serious mathematics student. Its college-level topics include limits, derivatives, integrals, and their applications. A considerable math background is assumed. Students with a "B" or higher grade average

in Pre-Calculus tend to be more successful in Calculus.

Advanced Placement (AP) AB

Calculus A&B

02124E12 / 02124E22

College Credit Available

Prerequisite: Pre-Calculus or Honors Pre-Calculus

Grade(s): 9, 10, 11, 12

Credits: 2

Registration Recommendation: A grade average of "A" or higher in Pre-Calculus or "B" or higher in Honors Pre-Calculus

This course offers an environment where students can study, learn, and make discoveries in the different areas of calculus. A graphing calculator is required for the course (TI-84, TI-89 or TI-Nspire are recommended). Although students can take this course along and take the AP AB Calculus exam in May, it is highly recommended that students continue on to AP BC Calculus in the same year. We have found that by doing this, students tend to score better on the AP exams, and are also in a position to take Calculus 3 (Multivariable Calculus) the following year.

Advanced Placement (AP) BC

Calculus A&B

02125E12 / 02125E22

College Credit Available

Prerequisite: AP AB Calculus or, in some cases, regular Calculus with instructor approval.

Grade(s): 9, 10, 11, 12

Credits: 2

Registration Recommendation: A grade average of "C" or higher in AP Calculus AB

This course is a continuation of the AP AB Calculus curriculum and it prepares students for the AP BC Calculus exam in May. Those who complete the AP AB Calculus course should expect the same rigor. While it is possible to take AP AB Calculus and AP BC Calculus in separate years, it is

highly recommended that all four terms be completed in the same year. We have found that by doing this, students tend to score better on the AP exam and are also in a position to take Calculus 3 (Multivariable Calculus) the following year.

Calculus 3 - Multivariable Calculus

A&B

02122E12 / 02122E22

College Credit Available

Prerequisite: AP BC Calculus

Grade(s): 9, 10, 11, 12

Credits: 2

Registration Recommendation: A grade average of "B" or higher in AP Calculus AB and BC

This course offers the opportunity to those students who have completed the AP Calculus curriculum as underclassmen to continue in a college level math course. The students can expect the same rigor as in the AP classes as they explore rectangular, parametric and polar functions, vectors and graphs in more than two dimensions.



Math – Computer Science Courses

MATH – COMPUTER SCIENCE COURSES

Mobile CSP: Computer Science

Principles

10157G12 / 10157G22

Prerequisite: Read & Write at grade level

Grade(s): 9, 10, 11, 12

Credits: 2

Fulfills the EPHS Technology Graduation Requirement

Mobile computing is an emerging field that focuses on mobile devices such as tablets and smart phones. In this course we will use the mobile programming language, App Inventor, to program our Android tablets and smart phones. You will learn how to design and build mobile apps - apps that are aware of their location, apps that send and receive text messages, apps that give advice and directions. The only limit on the type of apps you will learn to build is your own imagination. But computer science is not just about coding. So, we will also learn broadly about the fundamental principles of computer science. We'll learn about the potential and the limitations of computing and coding. We'll learn how the Internet works and how encryption is used to protect our Internet transactions. We'll learn about the positive and negative aspects of computing in today's society. And lots more.

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Mobile CSP Online – Skinny Option

(4 terms)

10157G12SOL / 10157G22SOL

Online Course

Prerequisite: Read & Write at Grade Level, ability to work independently, complete work given deadlines, and access resources when needed

Grade(s): 9, 10, 11, 12

Credits: 2

This course is intended primarily for students scheduled in full-year music ensemble

Fulfills the EPHS Technology Graduation Requirement

Mobile computing is an emerging field that focuses on mobile devices such as tablets and smart phones. In this course we will use the mobile programming language, App Inventor, to program our Android tablets and smart phones. You will learn how to design and build mobile apps - apps that are aware of their location, apps that send and receive text messages, apps that give advice and directions. The only limit on the type of apps you will learn to build is your own imagination. But computer science is not just about coding. So, we will also learn broadly about the fundamental principles of computer science. We'll learn about the potential and the limitations of computing and coding. We'll learn how the Internet works and how encryption is used to protect our Internet transactions. We'll learn about the positive and negative aspects of computing in today's society. And lots more. This course will be online with access to room 320 (and the android devices) during the school day.

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AP Computer Science Principles

10157E12 / 10157E22

College Credit Available

Prerequisite: Read & Write at grade level

Grade(s): 9, 10, 11, 12

Credits: 2

Fulfills the EPHS Technology Graduation Requirement

A rigorous, fast-paced course that gets you ready for the AP CSP exam (given nationally in May). We do more reading and writing than you'd expect for a CS course. Some days we are writing code in MIT App Inventor, reading about DDoS attacks, arguing about whose job is it to provide internet access to all (or some), or writing a research project about a

Math – Computer Science Courses

computational innovation. We discuss the impact that Big Data has on our world, what happened to our privacy and what is double factor authentication among other topics as we analyze the role of technology in our world. As an AP level class, we will build a digital portfolio to send to the College Board; read and write critically about data, privacy, and how algorithms work; and prepare for the rigorous AP multiple choice test in the spring.

AP Computer Science Principles **Online – Skinny Option (4 terms)**

10157E12SOL / 10157E22SOL

College Credit Available
Online Course

Prerequisite: Read & Write at Grade Level, ability to work independently, complete work given deadlines, and access resources when needed

Grade(s): 9, 10, 11, 12

Credits: 2

This course is intended primarily for students scheduled in full-year music ensemble

Fulfills the EPHS Technology Graduation Requirement

A rigorous, fast-paced course that gets you ready for the AP CSP exam (given nationally in May). We do more reading and writing than you'd expect for a CS course. Some days we are writing code in MIT App Inventor, reading about DDoS attacks, arguing about whose job is it to provide internet access to all (or some), or writing a research project about a computational innovation. We discuss the impact that Big Data has on our world, what happened to our privacy and what is double factor authentication among other topics as we analyze the role of technology in our world. As an AP level class, we will build a digital portfolio to send to the College Board; read and write critically about data, privacy, and how algorithms work; and prepare for the rigorous AP multiple choice test in the spring. This course will be online

with access to room 320 (and the android devices) during the school day.

AP CS A: Java

10158E12 / 10158E22

College Credit Available

Prerequisite: AP CSP or Honors Algebra II or FST

Grade(s): 9, 10, 11, 12

Credits: 2

This is a two-term class

AP CS A: Java is a challenging course that prepares you for the AP CS A: Java exam offered in May. Most students who take Java intend to take (or have taken) Pre Calculus. This course requires deep thinkers who love to problem solve. Figuring out why algorithms work (or don't), anticipating challenges and celebrating when everything is successful make this a rewarding adventure in computing. AP CS A: Java is an ideal course before starting the Calculus sequence. Increasing your logical thinking skills, revealing how algorithms function and making your thinking transparent will help you in future Mathematics, Science, and Engineering courses. We work hard, tackle complex problems, and create inventive solutions. Most students are heading into a STEM related major in college.

iOS Mobile App Development

10207E14 / 10207E24

Prerequisite: AP CSP or AP CS A: Java

Grade(s): 11, 12

Credits: 2

Learn the basics of mobile app development for the iOS platform, including iPhone, iPad, Watch and Apple TV. Successful completion of either AP CS A (Java) or AP CSP and passing (3 or greater) of either AP exam is required.

Math – Computer Science Courses

Advanced iOS Mobile App

Development

10207E34 / 10207E44

Prerequisite: iOS Mobile App Development **AND**

Both AP CS A: Java and AP CSP

Grade(s): 11, 12

Credits: 2

Extend your learning from iOS, develop new apps, go further with your first project - learn a new section of swift. Successful completion of BOTH AP CSP and AP CS A (Java) are required for a second year of iOS.

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Cyber Security

10258G11

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

NEW

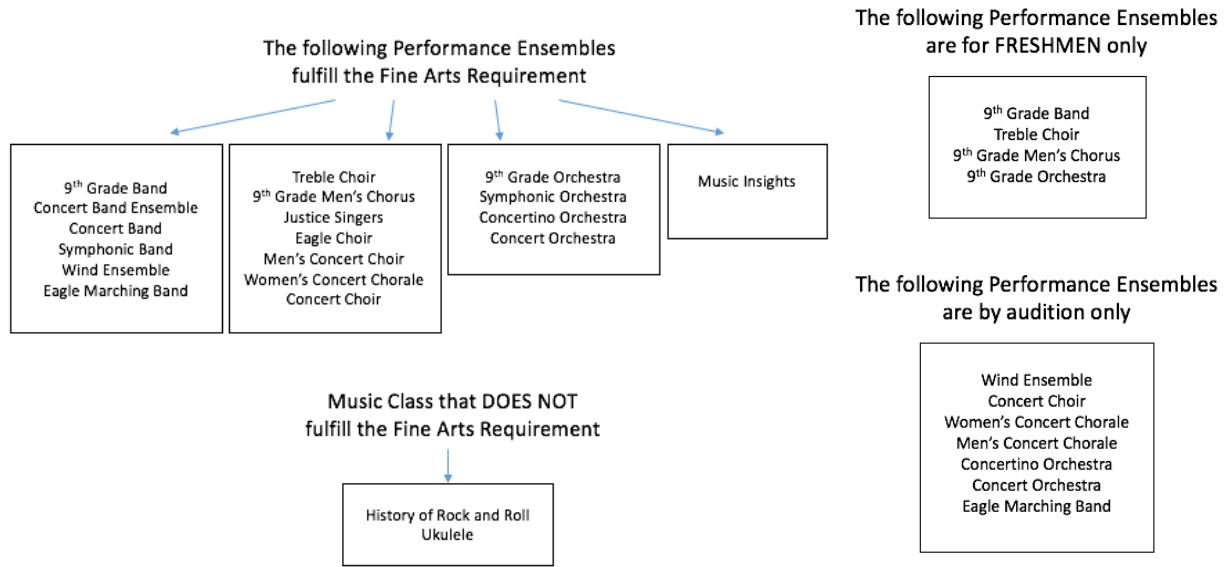
This course covers the basic ways that criminals and security experts break—and break into— computer systems.

The topics included in this course will change as “black hats” find new ways to infiltrate networks, stand-alone machines, smartphones, and, of course, personal computers.

Several possible topics could be Denial of Service attacks, phishing scams, the Internet of Things, Trojan horses, and ransomware. Students will learn about these topics by hacking into password-protected machines; reading scientific publications and security reports; analyzing, and then writing, malicious software; and researching operating system exploits, including those in iOS, Android, and Windows.

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MUSIC COURSES



MUSIC - CLASSROOM

History of Rock 'n' Roll

05117G11

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Note: This course does not fulfill the Fine Arts graduation requirement

This course is open to any student who would like to learn about music styles from traditional to rock and hip hop. Students will learn to use descriptive musical vocabulary and to identify musical form; analyze and describe music through listening, writing, and discussion; study music of historical significance and relate it to music today; examine musical design and form; and identify and interpret cultural and ideological information embedded in music. This course does not fulfill the fine/applied arts graduation requirement.

Music Insights

Prerequisite: Approval from Case Manager / Music Instructor required

Grade(s): 9, 10, 11, 12

Credits: 1

Registration Requirement: See Jill Boyd in the Choir office for course number to officially sign up for Music Insights

Music Insights is a course designed for the inclusion of students in general education and students in special education to work together in a tactile music setting. While integrating the Arts in the education of both students with and without special needs, students engage in social interaction and develop relationships and musical skills together. Students will learn and perform basic music concepts. Students will be exposed to and included in many forms of music learning and creation through individual and group exploration. Music instruction will be modified and adapted to meet the needs of each individual student. This course will meet for half of a block period for an entire semester, and the course

will include a public performance by the students.

Ukulele

05108G11

Prerequisite: None

Grade(s): 10, 11, 12

Credits: 1/term

*Note: This course does **not** fulfill the Fine Arts graduation requirement*

Ukulele is open to all students 10-12, ranging in degrees of experience on the instrument. Beginners as well as students who have started learning are welcome. The primary focus of this class is to introduce students to the ukulele, teach them playing skills, and encourage community based ukulele "jams". Each student moves at an individual pace, but group work is encouraged as students advance in their skill. Chord chart reading, singing, and composition are fundamental in the curriculum.

MUSIC – INSTRUMENTAL PERFORMANCE

Eagle Marching Band - Term 1

05103G11

Prerequisite: Musical/visual audition in May

Co-requisite: Students must also enroll in a concert band (9th Grade Band, 10th Grade Concert Band, Symphonic Band, or Wind Ensemble) for at least one additional term (2, 3, or 4) to be eligible for participation in Eagle Band. We strongly encourage students to remain in band throughout the entire year!

Grade(s): 9, 10, 11, 12

Credits: 1

1st term only

9th grade students may be admitted in to the colorguard portion of Eagle Marching Band based on teacher recommendation and audition.

Eagle Marching Band is a performance-based band that involves several performances during 1st term. This band is

committed to excellence in music education, personal development, and musical and visual performance. As a member of the Eagle Marching Band, you are expected to:

- 1) Attend and participate in all weekly July/August practices and Band Camp in August;
- 2) Attend and participate in all performances in August, September, and October;
- 3) Memorize at least 10 minutes of music, equipment work, and marching drill;
- 4) Successfully pass a memorization test;
- 5) Register with the MN State High School League and abide by its regulations for participation in co-curricular activities (Eagle Band is BOTH curricular and co-curricular); and
- 6) Pay the requisite fees.

9th Grade Band

05101G14 / 05101G24 / 05101G34 / 05101G44

Prerequisite: Previous playing experience required

Grade(s): 9

Credits: 1 or 2

Auditions may be held at the end of the first semester to help determine 2nd semester band placement.

A wide variety of music literature will be studied and performed in a major concert each term. The fundamentals of basic musicianship will be emphasized in each class. Playoff pep band performances will occur during terms 1, 2, and 3 for all football, soccer, basketball, and hockey teams that reach Region finals and beyond. All band members are encouraged to take lessons to develop personal music understanding, appreciation, playing techniques, and musicianship; however, lessons may also be provided by the school instructor. This class will meet daily for 45 minutes. Students must enroll for a minimum of one semester (two consecutive terms); although a one-year commitment is recommended.

Concert Wind Ensemble - Term 1

05102G111

Prerequisite: Previous playing experience required

Grade(s): 10, 11, 12

Credits: 0.5

1st term only

A wide variety of music literature will be studied and performed in a major concert first term. The fundamentals of basic musicianship will be emphasized in each class. Depending on class size, the ensemble may be divided into smaller like-instrument chamber ensembles to develop confidence and independence. All band members are encouraged to take lessons to develop personal music understanding, appreciation, playing techniques, and musicianship; however lessons may be provided by the school instructor. This class will be daily for 45 minutes.

Concert Band

05102G211 / 05102G311 / 05102G411

Prerequisite: Previous playing experience required

Grade(s): 10, 11, 12

Credits: 0.5/term

Note: *Students must enroll for a minimum of one semester (two consecutive terms); although a three-term commitment is recommended.*

A wide variety of music literature will be studied and performed in a major concert each term. The fundamentals of basic musicianship will be emphasized in each class. Playoff pep band performances will occur during terms 1, 2 and 3 for all football, soccer, basketball, volleyball, and hockey teams that reach Region finals and beyond. The 10th Grade Band may represent EPHS at the Region 6AA large group contest held each spring. All band members are encouraged to take lessons to develop personal music understanding, appreciation, playing techniques, and musicianship; however lessons may be

provided by the school instructor. This class will meet daily for 45 minutes.

Symphonic Band

05102G511 / 05102G611 / 05102G711

Prerequisite: Previous playing experience required

Grade(s): 10, 11, 12

Credits: 0.5/term

Note: *Students must enroll for a minimum of one semester (two consecutive terms); although a three-term commitment is recommended.*

A wide variety of music literature will be studied and performed in a major concert each term. The fundamentals of basic musicianship will be emphasized in each class. Playoff pep band performances will occur during terms 1, 2 and 3 for all football, soccer, basketball, volleyball, and hockey teams that reach Region finals and beyond. The Symphonic Band may represent EPHS at the Region 6AA large group contest held each spring. Students enrolled for the entire year in this class will be eligible to participate in possible performance tours. All band members are encouraged to take lessons to develop personal music understanding, appreciation, playing techniques, and musicianship; however, lessons may also be provided by the instructor. This class will meet daily for 45 minutes.

Wind Ensemble

05102E911 / 05102E1011 / 05102E1111

Prerequisite: Audition in spring; initial registration open to previous Wind Ensemble members only

Grade(s): 10, 11, 12

Credits: 0.5/term

A wide variety of music literature will be studied and performed in a major concert each term. The fundamentals of advanced musicianship and ensemble skills will be emphasized in each class. Playoff pep band performances will occur during terms 1, 2 and 3 for all football, soccer, basketball,

volleyball, and hockey teams that reach Region finals and beyond. The Wind Ensemble will represent EPHS at the Region 6AA large group contest, at the Lake Conference Band Festival, and on regularly scheduled national/international tours. All band members are encouraged to take lessons to develop personal music understanding, appreciation, playing techniques, and musicianship; however, lessons may also be provided by the instructor. This class will meet daily for 45 minutes. Students must register for all four terms. Students enrolled in Eagle Band (0701) are exempt from the first term Wind Ensemble requirement.

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9th Grade Orchestra

05105G116 / 05105G316 / 05105G416 / 05105G216

Prerequisite: Previous string playing experience required

Grade(s): 9

Credits: 1/semester

9th Grade Orchestra is open to all 9th grade string players who are interested in continuing their musical studies playing 4-5 performances a year. The primary focus of this class is the sequential development of technical and musical skills necessary for independent and group performances. 9th Grade Orchestra represents EPHS on national/state tours, contests/festivals, and community/school events. All students are encouraged to take lessons to develop personal musical understanding, appreciation, playing technique and musicianship. The ensemble meets daily for half of a block period. Incoming 9th grade students are highly encouraged to register for all 4 terms, but are required to register for 2 terms. Students will earn 1 credit per semester. Students are also encouraged to sign-up for the computer technology classes that meet opposite class.

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Symphonic Orchestra

05105G516 / 05105G616 / 05105G716 / 05105G816

Prerequisite: Previous string playing experience required

Grade(s): 10, 11, 12

Credits: 1/semester

***Note:** Students are highly encouraged to register for all 4 terms, but are required to register for 2 terms. Students will earn 1 credit per semester. If only registering for 1 semester, you must register for 1st semester only. Half year students are unable to register for 2nd semester.*

The primary focus of this class is the sequential development of technical and musical skills necessary for independent and group performances. Symphonic Orchestra represents EPHS on national/state tours, contests/festivals, and community/school events. All students are encouraged to take lessons to develop personal musical understanding, appreciation, playing technique and musicianship. The ensemble meets daily for half of a block period.

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Concertino Orchestra

05105G916 / 05105G1016 / 05105G1116 / 05105G1216

Prerequisite: Audition in Spring; initial registration open to students who are auditioning

Grade(s): 9, 10, 11, 12

Credits: 1/semester

Concertino Orchestra is the second most advanced orchestral performing group at EPHS playing 6-7 concerts per year. Concertino will work on technical skills to help advance them to the concert level. Students will continue to develop musical and technical skills necessary for insightful interpretation and performance of medium to advanced orchestral literature. Concertino Orchestra represents EPHS on national/state tours, contests/festivals, and community/school events. All students are encouraged to take lessons to develop personal musical understanding,

appreciation, playing technique and musicianship. This ensemble meets daily for half of a block period and the remainder of the block will occasionally be used for sectionals, small ensemble rehearsal and/or lessons. Students must register for all 4 terms and will earn 1 credit per semester. Students must sign up for an audition in the spring to be eligible for placement in Concertino Orchestra.

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Concert Orchestra

05105E1316 / 05105E1416 / 05105E1516 / 05105E1616

Prerequisite: Audition in Spring; initial registration open to previous concert orchestra members only

Grade(s): 9, 10, 11, 12

Credits: 1/semester

Concert Orchestra is the most advanced orchestral performing group at EPHS playing 7-8 concerts per year. Students will continue to develop musical and technical skills necessary for insightful interpretation and performance of advanced orchestral literature. Members of the Concert Orchestra are eligible to audition for the Chamber Orchestra (a select co-curricular ensemble). Concert Orchestra represents EPHS on national/state tours, contests/festivals, and community/school events. All students are encouraged to take lessons to develop personal musical understanding, appreciation, playing technique and musicianship. This ensemble meets daily for half of a block period and the remainder of the block will occasionally be used for sectionals, small ensemble rehearsal and/or lessons. Students must register for all 4 terms and will earn 1 credit per semester. Students must sign up for an audition in the spring to be eligible for placement in Concert Orchestra. The orchestra often meets with Wind Ensemble members to perform full orchestra pieces including winds, brass, and percussion.

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MUSIC – VOCAL PERFORMANCE

Treble Choir

05110G18 / 05110G28 / 05110G38 / 05110G48

Prerequisite: None

Grade(s): 9

Credits: 1/semester

***Note:** Students must register for a minimum of one semester (two consecutive terms); although a one-year commitment is recommended.*

Freshmen girls should register for this course. Treble Choir is a Soprano I, Soprano II, and Alto vocal ensemble. This ensemble will sing a wide variety of two, three, and four part literature in a wide variety of languages and styles. Students focus on music reading, vocal production, music history and musical expression. Treble Choir meets for half of a block period daily.

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9th Grade Men's Chorus

05110G58 / 05110G68 / 05110G78 / 05110G88

Prerequisite: None

Grade(s): 9

Credits: 1/semester

***Note:** Students must register for a minimum of one semester (two consecutive terms); although a one-year commitment is recommended.*

Freshmen boys should register for this course. 9th Grade Men's Chorus is a Tenor, Baritone, and Bass vocal ensemble. This ensemble will sing a wide variety of two, three, and four part literature in a wide variety of languages and styles. Students focus on music reading, vocal production, music history and musical expression. 9th Grade Men's Chorus meets for half of a block period daily.

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Justice Singers

05126G11

Prerequisite: None
Grade(s): 10, 11, 12
Credits: 1/term

Justice Singers is comprised of kids interested in making music and singing in a nontraditional and interactive choral setting. This group will sing and participate in music from more contemporary genres, including gospel, folk, hip hop, and spirituals. Justice Singers will be involved in community service opportunities, such as singing at retirement homes and other outreach opportunities and field trips, as well as some traditional concert performance experiences. Justice Singers is a mixed vocal ensemble available to students in grades 10-12. In addition to community service and outreach, students will focus on music reading, vocal production, musical expression, and explore how music plays a role in all different kinds of cultures and today's society. Unlike the other choral ensembles, Justice Singers will be offered for a full block for one term.

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Eagle Choir

05111G116 / 05111G216 / 05111G316 / 05111G416

Prerequisite: None
Grade(s): 10, 11, 12
Credits: 1/semester

Note: Students must register for a minimum of one semester (two consecutive terms)

Eagle Choir is a mixed vocal ensemble available to students in grades 10-12. This ensemble will sing a wide variety of literature in a wide variety of languages and styles. Students continue to focus on music reading, vocal production, music history and musical expression. Eagle Choir meets for half of a block period daily. Eagle Choir may combine with Justice Singers for various performance opportunities.

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Men's Concert Chorale

05111G516 / 05111G616 / 05111G716 / 05111G816

Prerequisite: Audition in spring prior
Grade(s): 10, 11, 12
Credits: 2

Note: Students must register for 4 terms, and will earn one credit per semester.

This is EPHS's top performing men's ensemble for select men who seek a more challenging choral experience. This ensemble, selected through a non-threatening audition process, is for the experienced singer who wishes to expand his understanding of music while developing his own voice. A wide variety of music with emphasis on complex harmony will be sung. This group may join the Concert Choir on state/national tours, contests and festivals, and will perform several concerts. This class will meet daily for half of a block period.

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Women's Concert Chorale

05111G916 / 05111G1016 / 05111G1116 / 05111G1216

Prerequisite: Audition in spring prior
Grade(s): 10, 11, 12
Credits: 2

Note: Students must register for 4 terms, and will earn one credit per semester.

This is EPHS's top performing women's ensemble for select girls who seek a more challenging choral experience. This ensemble, selected through a non-threatening audition process, is for the experienced singer who wishes to expand her understanding of music while developing her own voice. A wide variety of music with emphasis on complex harmony will be sung. This group may join the Concert Choir on state/national tours, contests and festivals, and will perform several concerts. This class will meet daily for half of a block period

Concert Choir

05111E1316 / 05111E1416 / 05111E1516 / 05111E1616

Prerequisite: Audition in spring prior; initial registration open to previous Concert Choir students only.

Grade(s): 10, 11, 12

Credits: 2

Note: Students must register for 4 terms, and will earn one credit per semester.

This is EPHS's top performing choral group selected through a non-threatening audition process. This ensemble is a mixed vocal group designed for the more experienced singer who wishes to sing a broad variety of quality literature while expanding his/her understanding of music and developing his/her own voice. Concert Choir represents the school on national/state tours, contests and festivals, community and school events, and concerts. This ensemble meets daily for half of a block period.

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9th grade Intro to Technology -

Skinny Option

10003G11B / 10003G11PO / 10003G11TC / 10003G11MC

Prerequisite: Must be concurrently enrolled in a 9th Grade Music course all year.

Grade(s): 9

Credits: 1/semester

Because EPHS music ensembles meet for half of a block period every day, students have two options for how their time opposite an ensemble is spent. The first option is the "Open Option," where students have an open half to catch up on homework in the commons or Media Center (students do not need to register for an "Open" half). The second option is the "Skinny Option," where students can take Intro to Technology for one semester, opposite of 9th Grade Music Course. Students must be enrolled in 9th Grade Music all year in order to take the Intro to Technology Skinny concurrently

with the ensemble. This will allow 9th grade music students to carry more credits during their freshman year. (Registrations will be limited based on class size.) If a student would like to choose the "Skinny Option," use the appropriate skinny course number (see below) **in addition to** the 9th Grade Music Course registration numbers.

10003G11B (9th Grade Band)

10003G11PO (9th Grade Orchestra)

10003G11TC (9th Grade Treble Choir)

10003G11MC (9th Grade Men's Chorus)

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NON-DEPARTMENTAL COURSES

Intro to Social Justice

04260G11

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

In this course students will be encouraged to think critically about American society through the exploration of identity, systemic inequities, and social justice in the United States. Students will begin the course discussing what identity is and then exploring their own identity. We will discuss inequities in society, entertainment, politics, the judicial system, economics, and education. The course will culminate in the Impact Project: an opportunity for students to identify a systemic inequity in their community and then create and implement an action plan to address it. Student learning in the course will be facilitated through readings, presentations, and discussion. Major assessments for the course will include the Impact Project, a detailed racial autobiography, and an analysis of systemic inequities.

Academic Seminar

Academic Seminar is a Tier II daily intervention designed to address work avoidance behaviors for students at risk of not making educational progress. The curriculum includes teaching, practicing and reinforcing organizational, study and self-advocacy skills; providing assistance for homework completion; supporting an increase in positive adult interactions and increasing progress monitoring of academic and social success. For additional information, please contact your counselor.

AVID

AVID is an elective class at Eden Prairie High School. Students are selected to participate in this program on a voluntary basis and are required to take at least one honors or AP class. Through AVID the students learn valuable skills including writing, note taking, reading, inquiry, collaboration, organization and critical thinking to help them succeed in more rigorous courses. For additional information, please contact your counselor.

Independent Study

Prerequisite: Grade of F or I in English, Math, Science or Social Studies

Grade(s): see below

Credits: varies

This credit recovery program is open to students who have received F's or incompletes in English, Math, Social Studies or Science. Courses are offered through Intermediate District #287 during the school year and during the summer months, June through July. Students must be at least 16 years of age for courses taken during the school year and at least 15 years of age for the courses taken during the summer.

Literacy Workshop

This course is designed for students 9-12 in need of more focused, intensive, small-group and individualized reading instruction. Reading comprehension of fiction and non-fiction, vocabulary development, fluency, and expository writing skills will be stressed in this course. Content is designed to meet the individual reading needs of each student. Most, if not all, work will be completed in class. Placement in Literacy Workshop is based on teacher recommendation and a variety of assessment results.

Non-Departmental Courses

Post Secondary Education Option

Juniors and Seniors are able to enroll (full or part time) at liberal arts, community or technical colleges, or universities through the PSEO program. Sophomores may enroll in some technical education programs if they've met specific program requirements. The tuition, fees and required textbooks for PSEO courses are provided at no cost to students. Students should work with their counselor to explore possibilities if they are interested in these dual-credit options.

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Normandale Community College

The following two courses will be offered at EPHS in conjunction with **Normandale Community College** and students will receive concurrent enrollment credits upon successful completion of each course. Courses will be taught by EPHS staff and are intended for students who may be considering a career in Education or a related field after high school.

EDUC 1101: Introduction to Education

19151G11

College Credit Available

Prerequisite: None

Grade(s): 11, 12

Credits: 1 (4 NCC)

Introduction to Education provides an overview of the education profession and the U.S. educational system, including historical development, social foundations and educational institutions. Other topics include current theories, trends and issues in education and the community, certification standards, roles and responsibilities of teachers, learners, and other school personnel. Every student must complete a 25-hour field experience in an area school.

EDUC 2222: Multicultural Education and Human Relations in Schools

19154G11

College Credit Available

Prerequisite: EDUC 1101

Grade(s): 11, 12

Credits: 1 (3 NCC)

Introduces pre-service teachers to core concepts and approaches to multicultural education including issues related to student, family, and community diversity based on culture, language, race, class, gender, sexual identity, and disability. Issues discourses, hierarchy of education with regards to privilege, equity and access to high quality education are topics addressed as students use knowledge of their life experiences and those of diverse students in urban and rural public schools and learn culturally and linguistically responsive classroom strategies. Emphasis is placed on demonstrating the multicultural competence required of all successful teachers working with today's diverse youth. Field experience hours are part of the course requirements.

Innovation Science

19999G11

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

NEW

This course is designed for students who are a looking for opportunities to work collaboratively to solve complex problems. Using the Human Centered Design process, students will identify problems throughout various communities, ideate how to solve them and implement solutions.

ONLINE COURSES

The following courses are offered online through our EPHS Online program. Courses are taught and monitored by EPHS staff, which allows students to have access to their teacher if questions arise and which allows us to ensure that the same high-quality standards as our traditional offerings are being met.

Introduction to Technology Online

10003G11OL

Online Course

Prerequisite: None
Grade(s): 9, 10, 11, 12
Credits: 1

In today's digital world, the ability to work with technology is vital. In Introduction to Technology, students will learn how to evaluate the accuracy, perspective, credibility and relevance of online information as well as demonstrate how to give credit to online content creators. Multiple open source programs as well as social media use will be explored while emphasizing the essential 21st century skills of critical thinking, collaboration, creativity, and communication.

Personal Financial Management Online

12007G11OL

Online Course

Prerequisite: None
Grade(s): 10, 11, 12
Credits: 1

NEW

Learn basic survival skills in managing your personal finances. This class will prepare students for life in understanding the practical skills of economics and personal finance. Students will learn basic money management skills by preparing a budget, maintaining a checking account, and

preparing tax forms. As consumers they will learn how to make responsible decisions regarding spending, savings, investing and using credit, which is crucial for young adults to understand prior to graduation. Other topics covered will be housing/mortgages, auto purchasing, and insurance.

Careers Online

23154G11OL

Online Course

Prerequisite: None
Grade(s): 9, 10, 11, 12
Credits: 1

College is an expensive place to do career exploration! To be successful in your career decision-making process, you need to know your options and have an idea what you need to be successful in that career. By completing career inventories and talking with experts in the field, you will develop a comprehensive career plan. You will explore careers, options for further education, and learn professional skills that will support your success in any career. Meet in small groups with 15+ professionals to learn first-hand about their careers at the weekly Career Roundtables.

English 10 A&B Online

01002G12OL / 01002G22OL

Online Course

Prerequisite: English 9 or equivalent
Grade(s): 10
Credits: 2

Students will write in a variety of formats and for a variety of audiences, read and view fiction and nonfiction works critically, speak informally and formally, and review mechanics of English. Similar to English 10, this course will focus on agreed upon Power Standards for English 10 and the standards established by the state. However, this course is more demanding in the areas of self-monitoring, time management, meeting

deadlines, and self-advocacy. A few times during each quarter, students may have a face-to-face or video conference discussions with the teacher and/or other students to meet speaking standards. This online course is best for those who like to work at their own pace, who have the ability to self-monitor to meet deadlines, and who are willing to reach out to the teacher and other online classmates when there are misunderstandings.

English 10 A&B Online – Skinny Option

01002G12SOL / 01002G22SOL

Online Course

Prerequisite: English 9 or equivalent

Grade(s): 10

Credits: 1/semester

This course is intended primarily for students scheduled in full-year music ensemble

You will be scheduled into this course during the same class period as your 10th grade music. This class is open to students taking music their entire sophomore year. Students will write in a variety of formats and for a variety of audiences, read and view fiction and nonfiction works critically, speak informally and formally, and review mechanics of English. Similar to English 10, this course will focus on agreed upon Power Standards for English 10 and the standards established by the state. However, this course is more demanding in the areas of self-monitoring, time management, meeting deadlines, and self-advocacy. A few times during each quarter, students may have a face-to-face or video conference discussions with the teacher and/or other students to meet speaking standards. This online course is best for those who like to work at their own pace, who have the ability to self-monitor to meet deadlines, and who are willing to reach out to the teacher and other online classmates when there are misunderstandings.

English 12 A&B Online

0100412OL / 01004G22OL

Online Course

Prerequisite: English 9,10, and 11 or equivalent

Grade(s): 12

Credits: 2

This course will focus on foundational works from cultures around the world. Students will write formally and informally, read and view fiction works critically, speak informally and formally, and review mechanics of English. Similar to English 12, this course will focus on agreed upon Power Standards for English 12 and the standards established by the state. However, this course is more demanding in the areas of self-monitoring, time management, meeting deadlines, and self-advocacy. A few times during each quarter, students may have a face-to-face or video conference discussions with the teacher and/or other students to meet speaking standards. This online course is best for those who like to work at their own pace, who have the ability to self-monitor to meet deadlines, and who are willing to reach out to the teacher and other online classmates when there are misunderstandings.

Standardized Test Preparation and Grammar Workshop Online

01203G11OL

Online Course

Prerequisite: None

Grade(s): 10, 11, 12

Credits: 1

This course is designed for students in grades 10-12 who are motivated to improve their reading and language skills to a level expected by colleges. Critical reading, vocabulary development, and in depth study of English grammar and punctuation will be stressed in this course. It might serve as a review for the language and usage sections of the SAT and ACT tests and as a

supplement to foreign language study. This online course is best for those who like to work at their own pace, who have the ability to self-monitor to meet deadlines, and who are willing to reach out to the teacher and other online classmates when there are misunderstandings.

Health Education Online

08051G11OL

Online Course

Prerequisite: None
Grade(s): 10, 11, 12
Credits: 1

Fulfills the EPHS Health Graduation Requirement

Students must be a sophomore, junior or senior to enroll in online Health. Students who take Health on-line should be organized, self-motivated, and independent learners who are able to manage the course requirements outside of a traditional classroom setting. This course will be conducted in an independent self-paced design and is designed to motivate students to increase the quality of their life by analyzing decisions that can enhance individual, family and community health. Students in Online Health will be required to attend Guest Speaker presentations during their scheduled online hour approximately 8 times during the term of the course.

The course is designed to motivate students to increase the quality of their life by analyzing decisions that can enhance individual, family and community health. Students will evaluate their own wellness and focus on selected areas of contemporary health issues. Units include Mental Health and Wellness, Drug and Addiction Education, Relationships and Reproductive Health. Community speakers, class projects, and interpersonal communication skills are part of the essential learning targets for this course. Students will be required to

complete 1 project in each unit as well as multiple mini lessons and assignments. Learning will be shown in a variety of ways, including online discussions, video chats, Flipgrid, and other online tools.

Sophomores in online health will be assigned a study hall during their online hour. The health education department recommends this course be taken sophomore year, but it can be taken any time.

Mobile CSP Online – Skinny Option **(4 terms)**

10157G12SOL / 10157G22SOL

Online Course

Prerequisite: Read & Write at Grade Level, ability to work independently, complete work given deadlines, and access resources when needed
Grade(s): 10, 11, 12
Credits: 2

This course is intended primarily for students scheduled in full-year music ensemble

Fulfills the EPHS Technology Graduation Requirement

Mobile computing is an emerging field that focuses on mobile devices such as tablets and smart phones. In this course we will use the mobile programming language, App Inventor, to program our Android tablets and smart phones. You will learn how to design and build mobile apps - apps that are aware of their location, apps that send and receive text messages, apps that give advice and directions. The only limit on the type of apps you will learn to build is your own imagination. But computer science is not just about coding. So, we will also learn broadly about the fundamental principles of computer science. We'll learn about the potential and the limitations of computing and coding. We'll learn how the Internet works and how encryption is used to protect our Internet transactions. We'll learn about the positive and negative aspects of computing in today's society. And lots

more. This course will be online with access to room 320 (and the android devices) during the school day.

AP Computer Science Principles **Online – Skinny Option (4 terms)**

10157E12SOL / 10157E22SOL

College Credit Available
Online Course

Prerequisite: Read & Write at Grade Level, ability to work independently, complete work given deadlines, and access resources when needed

Grade(s): 10, 11, 12

Credits: 2

This course is intended primarily for students scheduled in full-year music ensemble

Fulfills the EPHS Technology Graduation Requirement

A rigorous, fast-paced course that gets you ready for the AP CSP exam (given nationally in May). We do more reading and writing than you'd expect for a CS course. Some days we are writing code in MIT App Inventor, reading about DDoS attacks, arguing about whose job is it to provide internet access to all (or some), or writing a research project about a computational innovation. We discuss the impact that Big Data has on our world, what happened to our privacy and what is double factor authentication among other topics as we analyze the role of technology in our world. As an AP level class, we will build a digital portfolio to send to the College Board; read and write critically about data, privacy, and how algorithms work; and prepare for the rigorous AP multiple choice test in the spring. This course will be online with access to room 320 (and the android devices) during the school day.

Physical Education Online

08048G11OL

Online Course

Prerequisite: One Physical Education class that meets graduation requirements at EPHS

Grade(s): 10, 11, 12

Credits: 1

Course expenses: Fitness tracker with heart rate technology.

Online PE is a class designed for students who are self-motivated, organized, independent, and able to complete the required workouts outside of school. The class is comprised of multiple weekly Schoology assignments, fitness testing (three times, on your own), as well as the tracking and reflecting of daily workouts with diligence.

Biology Online

03051G12OL/03051G22OL

Online Course

Prerequisite: Any Physical Science A&B

Grade(s): 10, 11, 12

Credits: 2

Students must register for BOTH terms A & B.

Biology A presents introductory information and basic skills in these areas: biotechnology, cell structure and function, biochemistry, DNA, cell division, protein synthesis, genetics, characteristics of living things and the nature of science

Biology B presents introductory information and basic skills in these areas: evolution, taxonomy, microbiology, invertebrate and vertebrate zoology, animal behavior, and ecology.

World History I Online

04058G11OL

Online Course

Prerequisite: None

Grade(s): 11, 12

Credits: 1

This course provides a comprehensive study of the development of civilization from pre-history through the Middle Ages. Students will analyze the geographic, economic, political, social, cultural, and religious factors that have emerged and influenced thought and behavior patterns in various regions and societies. Areas of study include Prehistory, Mesopotamia, Egypt, India, China, Africa, Greece, Rome, and the Middle Ages.

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World History I Online – Skinny

Option

04058G11SOL

Online Course

Prerequisite: None

Grade(s): 11, 12

Credits: 1

This course is intended primarily for students scheduled in full-year music ensemble

This course provides a comprehensive study of the development of civilization from pre-history through the Middle Ages. Students will analyze the geographic, economic, political, social, cultural, and religious factors that have emerged and influenced thought and behavior patterns in various regions and societies. Areas of study include Prehistory, Mesopotamia, Egypt, India, China, Africa, Greece, Rome, and the Middle Ages.

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Economics Online

04160G11OL

Online Course

Prerequisite: None

Grade(s): 11, 12

Credits: 1

This course covers the same curriculum and standards as Economics and Public Policy and can be taken in place of Economics and Public Policy. Economics Online, however, is an entirely online course. Students will be part of an online class community and will have about 10-15 hours of work to complete each week on their own time. This work includes independent learning and also collaborative online work with classmates. If you have any questions about whether an online class is right for you, please see your counselor.

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Economics Online – Skinny Option

04160G11SOL

Online Course

Prerequisite: None

Grade(s): 11, 12

Credits: 1

This course is intended primarily for students scheduled in full-year music ensemble

This course covers the same curriculum and standards as Economics and Public Policy and can be taken in place of Economics and Public Policy. Economics Online, however, is an entirely online course. Students will be part of an online class community and will have about 10-15 hours of work to complete each week on their own time. This work includes independent learning and also collaborative online work with classmates. If you have any questions about whether an online class is right for you, please see your counselor.

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Online Courses

Spanish 1 A&B Online

06101G12OL/ 06102G22OL

Online Course

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 2

Students must register for BOTH terms A & B.

This course is designed for students with little or no background in the target language. (To strengthen skills before Level 2, this course is also recommended for students who earned less than 75% in 7th & 8th grade.) The major emphasis in these courses will be on the development of listening and speaking skills. Students will also begin to read and write using basic language structures and investigate relevant cultural traditions.

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Northern Star Online Courses

Online Course

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: varies

Northern Star Online offers a wide variety of online courses to meet the interests and requirements of online learners. Northern Star Online is a collaborative school that offers high school courses online to Minnesota students. Online course work offers the same rigorous, student-centered experience as on-campus course work. Online learning is flexible, allowing students to work at their own pace, place and time. For many students, online course work offers a unique opportunity to learn in a new setting and in a new way. Students must have an open period in order to take an online course.

Courses offered by the Northern Star Online Collaborative can be found at:

<http://www.northernstaronline.org>

Students should see their counselor for registration information.

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Additional online learning opportunities may be available as well. Students should see their counselor for additional information.

PHYSICAL EDUCATION COURSES

Total Body Conditioning

08009G14

Prerequisite: None

Grade(s): 9, 10

Credits: 1

Students will participate in cardio, core, upper and lower body strength activities throughout the term. The emphasis is on improving each student's overall fitness and teaching each student how to develop a personal fitness plan. Each student will measure and evaluate personal fitness and strength.

Outdoor Individual Sports Activities

08003G12

Prerequisite: None

Grade(s): 9, 10

Credits: 1

Understand and apply the basic rules and skills of tennis, golf, archery, and badminton. Understand principles of training necessary to improve fitness. Understand the benefits quality nutrition has on overall health. Each student will measure and evaluate personal fitness and strength.

Winter Individual Sports Activities

08003G22

Prerequisite: None

Grade(s): 9, 10

Credits: 1

Understand and apply the rules and skills of archery, golf, table tennis, bowling, badminton, cross-country skiing, and snow shoeing. Understand the benefits quality nutrition has on overall health. Each student will measure and evaluate personal fitness and strength. **Bowling field trips are an additional cost.**

Outdoor Team Sports

08002G16

Prerequisite: None

Grade(s): 9, 10

Credits: 1

Students will understand and apply the advanced rules and skills of softball, football, tennis, soccer, broomball, boot hockey, and Ultimate Frisbee. Understand principles of training necessary to improve fitness. Each student will measure and evaluate personal fitness and strength.

Indoor Team Sports

08002G26

Prerequisite: None

Grade(s): 9, 10

Credits: 1

Students will understand and apply the advanced rules and skills of basketball, volleyball, team handball, broomball, boot hockey, pickleball, badminton, floor hockey, and indoor soccer. Understand principles of training necessary to improve fitness. Each student will measure and evaluate personal fitness and strength.

Racquet Sports

08011G11

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Students will understand and apply the advanced rules and skills of badminton, pickleball, tennis, and racquetball. They will also know principles of training necessary to improve fitness level. Each student will also measure and evaluate personal fitness and strength.



Physical Education Courses

Dance I

05008G13

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Students will understand the basic rules and skills of ballet, modern, tap/rhythm, and jazz dance. Students will learn to create and participate in a dance performance. Students will participate in a fitness program that includes running, strength training, yoga, Pilates, Zumba and other activities. Each student will measure and evaluate personal fitness and strength.

Dance II

05008E23

Prerequisite: Dance I, dance team, or studio dance experience

Grade(s): 9, 10, 11, 12

Credits: 1

Students will understand the advanced rules and skills of ballet, modern, tap/rhythm, and jazz dance. Students will learn to create and participate in a dance performance. Students will participate in a fitness program that includes running, strength training, yoga, Pilates, Zumba, and other activities. Each student will measure and evaluate personal fitness and strength.

Field & Ice

08002G56

Prerequisite: Ability to skate recreationally

Grade(s): 9, 10

Credits: 1

***Note:** Students who have already taken Competitive Field & Ice may **NOT** take this course.*

Students will know and apply the rules and strategies of team sports that are played on grass and ice. Sports played are: football, softball, soccer, Ultimate Frisbee, broomball, boot hockey, and soft puck hockey. Know principles of training

necessary to improve fitness. Students must provide their own skates. Each student will measure and evaluate personal fitness and strength.

Body Shop I

08052G12

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

This course is designed to empower girls through various activities to promote positive and healthy life long behaviors. Students will participate in a fitness program, including running, strength training, circuit training, kickboxing, yoga, Pilates, and Zumba. Students will learn about wellness issues affecting teens such as nutrition, sleep, hydration, and stress management. Each student will measure and evaluate personal fitness and strength.

Personal Fitness / Yoga

08052G22

Prerequisite: One Physical Education class that meets graduation requirements at EPHS.

Grade(s): 10, 11, 12

Credits: 1

Yoga focuses on the mind-body connection and flexibility while incorporating cardiovascular, strength and sport concepts. Students enrolled in Yoga will expect to engage in yoga practice 2-3 days per week. The other days of the week will be used to participate in cardiovascular fitness, strength training, Pilates, and other sport activities. Students will learn about wellness issues affecting teens and stress management strategies.

Physical Education Courses

American Red Cross Lifeguard

08010G11

Prerequisite: Must be at least 15 yrs. old by the end of the class; swim 300 yards continuously; retrieve a 10 lb. object from a depth of 10 feet within a specified time limit.

Grade(s): 10, 11, 12

Credits: 1

Know, understand, and demonstrate personal characteristics associated with being a lifeguard. Know the benefits of regular exercise to prevent and respond to emergencies. Know the primary responsibilities of a professional lifeguard. Become familiar with the surveillance techniques a lifeguard is required to have and how the techniques can help prevent injury. Know and understand the EMS system. All students enrolled must pay the \$45 administrative fee required by the American Red Cross.

Instructional Methods: Students will practice all skills determined by the American Red Cross program.

Assessments: Demonstrate competency in each critical skill taught in the course without guidance: lifeguarding, CPR, AED, and first aid. Correctly answer at least 80% of the questions on all written exams and water skills.

Indoor Team Sports Plus

08002G46

Prerequisite: None

Grade(s): 11, 12

Credits: 1

Students will understand and apply the advanced rules and skills of basketball, volleyball, broomball, team handball, pickleball, and floor hockey. Understand principles of training necessary to improve fitness. Each student will measure and evaluate personal fitness and strength.

Outdoor Team Sports Plus

08002G36

Prerequisite: None

Grade(s): 11, 12

Credits: 1

The students will know, understand, and apply the advanced rules and skills of softball, football, tennis, soccer, broomball, boot hockey, and ultimate Frisbee. Students will understand the principles and training necessary to improve fitness. Each student will measure and evaluate personal fitness and strength.

Advanced Strength Training

08009G24

Prerequisite: Intro to Strength Training (Total Body Conditioning) or Body Shop

Grade(s): 10, 11, 12

Credits: 1

Students will participate in advanced cardio, core, upper and lower body strength activities throughout the term. The emphasis is on improving each student's overall fitness and strength level. Each student will know how to develop a personal fitness plan and will measure and evaluate personal fitness and strength.

Team Sports for Girls

08002G66

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Students will participate in a team sports class with all girls! Students will understand the advanced rules and skills of a variety of both indoor and outdoor team sports. Students will understand principles of training necessary to improve fitness. Each student will measure and evaluate personal fitness and strength.

Physical Education Courses

Backpacking & Outdoor Adventure

08004G36

Prerequisite: None

Grade(s): 11, 12

Credits: 1

***Note:** This course does not satisfy the Physical Education requirement*

This course is offered 4th term only. It will include backpacking, conditioning, map and compass, survival skills, trust activities, team building, belaying skills, indoor climbing, outdoor cooking, low and high ropes, and hands-on activities.

Instructional Methods: A backpacking trip is offered in the spring. The trip is offered to students at a cost.

Assessments: Group activities, daily participation, daily assignments, teacher observation.

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Canoeing, Camping & Climbing

08004G46

Prerequisite: None

Grade(s): 11, 12

Credits: 1

***Note:** This course does not satisfy the Physical Education requirement*

This course is offered 1st term only. It will include canoeing, kayaking, camping and outdoor cooking, an adventure low ropes course, high ropes course, fishing, indoor climbing, and trust and team building activities.

Instructional Methods: A camping trip is offered in the fall. The trip is offered to students at a cost.

Assessments: Group activities, daily participation, daily assignments, teacher observation.

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Physical Education Insights

08007G11

Prerequisite: One Physical Education class that meets graduation requirements at EPHS.

Grade(s): 10, 11, 12

Credits: 1

***Note:** Prior approval from PE department and/or case manager required for registration*

This class is a combined General Education and Adapted Physical Education class that allows all students to gain confidence and improve upon their fitness and recreational activities. Students will participate in a variety of activities such as indoor/outdoor recreational activities, movement activities, fitness activities, and adapted sports.

General education students will partner with their adapted physical education peers to guide, coach, mentor, and support all for a positive experience. Students will be able to analyze barriers and modify physical activities as needed, develop social and leadership competencies, and foster new friendships and social inclusion.

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Physical Education Online

08048G11OL

Online Course

Prerequisite: One Physical Education class that meets graduation requirements at EPHS

Grade(s): 10, 11, 12

Credits: 1

Course expenses: Fitness tracker with heart rate technology.

Online PE is a class designed for students who are self-motivated, organized, independent, and able to complete the required workouts outside of school. The class is comprised of multiple weekly Schoology assignments, fitness testing (three times, on your own), as well as the tracking and reflecting of daily workouts with diligence.

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SCIENCE COURSES

REQUIRED COURSES (Three science courses are required to graduate):

- Physical Science 9 A&B or Honors Physical Science 9 A&B or Basic Physical Science 9 A&B
- Biology A&B or Honors Biology A&B or Basic Biology A&B
- Chemistry A&B or Honors Chemistry A&B or Basic Chemistry A&B or Physics A&B or Honors Physics A&B or AP Physics

Required State Assessments: The Minnesota GRAD Science Exam

ADVANCED STUDY (After completing appropriate course prerequisites, the following courses are suggested for advanced study):

- Advanced Biology: Anatomy & Physiology
- Advanced Biology: Botany
- AP Biology
- AP Chemistry
- AP Physics

Students planning on taking all three EPHS Advanced Placement (A.P.) science courses should consider this possible sequence to move completely through the curricular offerings:

YEAR	FALL SEMESTER	SPRING SEMESTER
9 th Grade	Physical Science 9 or Honors Physical Science 9 any time during the 9 th grade year	Chemistry or Honors Chemistry
10 th Grade	Biology or Honors Biology	Honors Physics or Chemistry
11 th Grade	AP Biology (offered only in the fall)	AP Physics
12 th Grade	AP Chemistry (offered only in the fall)	

Physical Science 9 A&B

03159G12 / 03159G22

Prerequisite: None

Grade(s): 9

Credits: 2

Students must register for BOTH terms A & B.

Physical Science A—this course primarily explores introductory chemistry concepts. Major areas covered include atomic structure and periodicity, chemical bonding and formulas, as well as chemical reactions. Also covered in Physical Science A are methods for conducting and reporting on an individual experiment.

Physical Science B—this course primarily explores introductory physics concepts. Major areas covered include conversion of units, motion, forces, and energy. Also covered in Physical Science B is a unit on STEM (Science, Technology, Engineering, and Mathematics) concepts.

Basic Physical Science 9 A&B

03159B12 / 03159B22

Prerequisite: Teacher recommendation

Grade(s): 9

Credits: 2

Students must register for BOTH terms A & B.

Basic Physical Science 9 does not go into as much depth on selected topics as Physical Science 9.

Basic Physical Science A—this course explores introductory chemistry concepts. Major areas covered include measurements, atomic structure and periodicity, chemical bonding and formulas, as well as chemical reactions. Also covered in Basic Physical Science A are methods for conducting research and reporting on an individual experiment.

Basic Physical Science B—this course explores introductory physics concepts. Major areas covered include conversion of units, motion, forces, and energy. Also covered in Basic Physical Science B is a unit on STEM (Science, Technology, Engineering, and Math) concepts.

Honors Physical Science 9 A&B

03159E12 / 03159E22

Prerequisite: Algebra I

Grade(s): 9

Credits: 2

Registration Recommendation: An “A” average in Algebra I is highly recommended

Students must register for BOTH terms A & B.

Honors Physical Science 9 A&B is taught at a faster pace, goes into more depth on selected topics, and looks at some topics with a higher math emphasis than the other Physical Science 9 courses.

Honors Physical Science A—this course explores introductory chemistry concepts. Major areas covered include measurements, atomic structure and periodicity, chemical

bonding and formulas, as well as chemical reactions. Also covered in Honors Physical Science A are methods for conducting research and reporting on an individual experiment.

Honors Physical Science B—this course explores introductory physics concepts. Major areas covered include conversion of units, motion, forces, and energy. Also covered in Honors Physical Science B is a unit on STEM (Science, Technology, Engineering, and Math) concepts.

Biology A&B

03051G12 / 03051G22

Prerequisite: Any 9th grade Science

Grade(s): 10, 11, 12

Credits: 2

Students must register for BOTH Biology A and B.

Biology A--this course presents introductory information and basic skills in the area of biotechnology, cell structure and function, biochemistry, DNA, cell division, protein synthesis, genetics, characteristics of living things and the nature of science.

Biology B—this course presents introductory information and basic skills in the area of evolution, taxonomy, microbiology, invertebrate and vertebrate zoology, animal behavior, and ecology.

Basic Biology A&B

03051B12 / 03051B22

Prerequisite: Any 9th grade Science AND teacher recommendation

Grade(s): 10, 11, 12

Credits: 2

Students must register for BOTH Basic Biology A and B.

The rigor of this course is slightly less than that of Biology A & B; however the same material is covered. The first term of this course covers introductory information and basic skills in the areas of experimentation,

the characteristics of life, biochemistry, ecology, cell structure and function, cell energy, DNA, cell division, and protein synthesis. The second term of this course presents introductory information and basic skills in the area of meiosis, genetics, evolution, microbiology, animal behavior, biotechnology, and frog anatomy.

Honors Biology A&B

03051E12 / 03051E22

Prerequisite: Physical Science A&B or Honors Physical Science 9 A&B

Grade(s): 9, 10, 11, 12

Credits: 2

Registration Recommendation: A “B+” average in Honors Physical Science 9 or an “A” average in Physical Science 9 is highly recommended

Students must register for BOTH Honors Biology A & B.

This is an accelerated Biology course. Although course topics are similar to that of Biology A & B, the rigor and depth of each of those concepts is elevated.

Topics of study include: biotechnology, cell structure and function, biochemistry, DNA, cell division, protein synthesis, genetics, characteristics of living things, evolution, taxonomy, microbiology, invertebrate and vertebrate zoology, animal behavior, and ecology.

Students enrolling in this course should be self-motivated and thrive on academic challenge. Course content is accessed in part through blended/online learning with elements of student control over time, place, path and/or pace.

Biology Online

03051G12OL / 03051G22OL

Online Course

Prerequisite: Any Physical Science A&B

Grade(s): 10, 11, 12

Credits: 2

Students must register for BOTH terms A & B.

Biology A presents introductory information and basic skills in these areas:

biotechnology, cell structure and function, biochemistry, DNA, cell division, protein synthesis, genetics, characteristics of living things and the nature of science.

Biology B presents introductory information and basic skills in these areas: evolution, taxonomy, microbiology, invertebrate and vertebrate zoology, animal behavior, and ecology.

Advanced Placement Biology

03056E12 / 03056E22

Prerequisite: Biology (or Honors) A&B, AND Chemistry (or Honors) A&B

Grade(s): 11, 12

Credits: 2

Registration Recommendation: *If you took regular Biology, an "A" average in Biology is highly recommended*

Students must register for BOTH terms of the course.

Advanced Placement Biology's primary goal is to provide students with a challenging college level course and prepare the student for the national AP Biology Exam given in mid-May. Students enrolled in this course are encouraged to take the exam. Based on performance on the exam, students may be granted college credit and/or advanced placement at the discretion of the college or university. The course will include topics regularly covered in a college biology course for majors. The two main goals of AP Biology are to help students develop a conceptual framework for modern

biology and an appreciation of science as a process.

Advanced Biology:

Anatomy/Physiology

03054E12 / 03054E22

Prerequisite: Biology A&B and Algebra I

Grade(s): 10, 11, 12

Credits: 2

Students must register for both terms A & B.

Advanced Biology is designed for students with a great interest in biology who wish to expand their knowledge in the areas of human anatomy and physiology. Students pursuing a health related or medical career may be particularly interested in this class. In term A, living structures will be studied in depth from the cellular level through the macroscopic level; special emphasis is placed on malformations, malfunctions, and diseases. The integumentary, skeletal, muscular, digestive, circulatory and immune systems are covered. Mini-units are also done on medical terms, the history of medicine, and alternative forms of medicine. Term B continues our study of living structures as we learn about the respiratory, endocrine, urinary, reproductive, nervous, and special senses. In addition, an investigative research project related to a controversial issue in medicine is done as well as a formal lab write-up. Systematic dissection of a fetal pig occurs throughout both terms.

Advanced Biology:

Botany/Horticulture

03058E12 / 03058E22

Prerequisite: Biology A&B

Grade(s): 10, 11, 12

Credits: 2

Students must register for both terms A & B.

This two term course is offered in the spring. It introduces the student to the great

variety of plants in the surrounding world and their significance both environmentally and economically. This course has a strong laboratory component and you must be ok with working outside and getting your hands dirty! Greenhouse work will be part of the course along with individual and/or group research. Numerous home landscaping and plant care topics will be covered.

Chemistry A&B

03101G12 / 03101G22

Prerequisite: Science 9 and Algebra I

Grade(s): 10, 11, 12

Credits: 2

Students must register for both terms.

Note: Successful completion of Chemistry A is required for continuation in term B.

This course is designed to provide an introduction to the basic principles of chemistry. Students will study introductory principles; nomenclature, writing and balancing equations, atomic structure, bonding, solutions, stoichiometry, acid/base, and chemical analysis, along with an introduction into organic chemistry.

Chemistry Blended

03101G12BL / 03101G22BL

Prerequisite: Science 9 and Algebra I

Grade(s): 10, 11, 12

Credits: 2

NEW

This course is designed to provide an introduction to the basic principles of chemistry. Students will study introductory principles; nomenclature, writing and balancing equations, atomic structure, bonding, solutions, stoichiometry, acid/base, and chemical analysis, along with an introduction into organic chemistry. Students must register for both terms. Successful completion of Chemistry A is required for continuation in term B.

Note: Blended / Hybrid courses are designed and delivered by EPHS staff. They offer a mix of face to face and online instruction. Course content has elements of student control over time, place, path and/or pace with the goal of affording each student a more personalized learning experience.

Basic Chemistry A&B

03101B12 / 03101B22

Prerequisite: Science 9, Algebra I

Grade(s): 10, 11, 12

Credits: 2

Basic Chemistry is an introductory chemistry course where the amount of learning targets are different than that of Chemistry A and B. However the same essential learning targets are covered and students have the entire semester to demonstrate proficiency. If science is a difficult course for you, then basic chemistry would be a good fit. The first term of the course covers writing and naming formulas, identifying chemical reactions, and balancing chemical equations. The second term of the course covers basic mole calculations and drawing molecules. Students will also have the opportunity of participating in a passion project during each term. Students must register for both terms of the course.

Honors Chemistry A&B

03101E12 / 03101E22

Prerequisite: Science 9 and Geometry

Grade(s): 10, 11, 12

Credits: 2

In this course chemical principles will be approached in depth and with more of a mathematical approach. Course content includes: atomic and molecular structure, chemical reactions, energy, kinetics, equilibrium, solutions, acid/base, nuclear chemistry and organic chemistry. It is designed for students who are more abstract

thinkers, have a strong math background, and are possibly considering taking college chemistry or majoring in a STEM related field.

Content is accessed in part through blended/online learning with elements of student control over time, place, path and/or pace. In addition content will also be acquired through peer learning, group work, and collaborative laboratory experiments.

Students must register for both terms of the course. Successful completion of term A is required for continuation in term B.

Advanced Placement Chemistry

03106E12 / 03106E22

College Credit Available

Prerequisite: Chemistry A&B or Honors Chemistry A&B and Pre-Calculus

Grade(s): 11, 12

Credits: 2

Registration Recommendation: An "A" average in Chemistry or a "B" average in Honors Chemistry is highly recommended

This course is similar to a freshman college chemistry course and is designed to strengthen a student's chemistry background. AP Chemistry will help prepare students who wish to take the AP Exam in May. Based on performance on the exam, students may be granted college credit and/or advanced placement at the discretion of the college or university. Course content in Term A includes: atoms, molecules, ions, solutions, gases, thermochemistry, atomic and molecular structure chemical bonding, liquids, and solids. Course content in Term B includes: chemical kinetics, equilibrium, acid-base systems, oxidation- reduction, solutions and colloids, chemical thermodynamics, and complex ions.

Content is accessed in part through blended/online learning with elements of student control over time, place, path and/or pace. In addition content will also be

acquired through peer learning, group work, and collaborative laboratory experiments. Students must register for both terms of the course.

Physics A&B

03151G12 / 03151G22

Prerequisite: Science 9 and Geometry

Grade(s): 10, 11, 12

Credits: 2

Students must register for both terms.

Physics is designed to give students an introduction to the basic concepts of physics such as forces and motion, energy relationships, electricity and magnetism, waves, sound, light, color, etc. Most liberal arts colleges and major universities recommend the completion of a physics course for admission. If you are considering a science related career, you should seriously consider taking Honors Physics in place of this course.

Honors Physics A&B

03151E12 / 03151E22

Prerequisite: Science 9, Algebra II and enrollment in/or completion of Pre-Calculus

Registration Recommendation: A grade of "B" or better in Algebra II is suggested

Grade(s): 10, 11, 12

Credits: 2

Students must register for both terms.

Note: This course is a necessary prerequisite for the AP Physics course.

In this course the core concepts of physics will be developed using both conceptual and mathematical models based on lab investigations, demonstrations, activities, discussion, and problem solving. The course is specifically designed for students who have a strong interest and background in science and math and will be pursuing further training in science, math, medicine or engineering at college. Most colleges and major universities recommend the

completion of a physics course for admission. If you are considering a science related career, you should seriously consider taking Honors Physics. This course is a preparation for some but not all of the learning targets for the AP Physics 1 and the AP Physics C mechanics exam.

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Advanced Placement Physics I

03155E12 / 03155E22

College Credit Available

Prerequisite: Science 9, Honors Physics, Algebra II and enrollment in (or completion recommended) of Pre-Calc

Registration Recommendation: A "B" or better in Pre-Calc for the AP Physics 1 exam; Calculus suggested for the Physics C Mechanics exam

Grade(s): 10, 11, 12

Credits: 2

AP Physics is an introductory college-level physics course that completes the development of topics begun in or not treated in the Honors Physics course such as; constrained Newtonian systems, further development of Conservation Laws applied to energy and momentum of systems, Circular Motion, Center of Mass, Torque and Rotational Mechanics, Universal Law of Gravity and Orbital Motion. Through inquiry based learning and laboratory experiences, students will develop scientific critical thinking and reasoning skills and also learn how to use multilevel physics problem solving approaches. Data analysis of mathematical models for experimental questions are also developed. Students will be prepared for either the AP Physics 1 Exam and/or those students who have had Calculus will be given calculus based problems topics to prepare for the AP Physics C mechanics exam.

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Advanced Placement Environmental Science

03003E12 / 03003E22

College Credit Available

Prerequisite: Two semesters of high school laboratory science, including life science and physical science, along with at least one year of algebra.

Grade(s): 9, 10, 11, 12

Credits: 2

NEW

AP Environmental Science is an introductory college-level course in environmental science. The class and exam focus on seven main topics: Earth Systems and Resources, The Living World, Populations, Land and Water Use, Energy Resources and Consumption, Pollution, and Global Change. In this class you will 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. Skills you will learn by taking this class include: 1. Explaining environmental concepts and processes; 2. Analyzing data, visual representations, and writings; 3. Applying quantitative methods in solving problems; 4. Proposing a solution for an environmental problem and supporting your idea with evidence; and 5. Analyzing a research study to identify a hypothesis. This course helps to prepare students interested in a possible career in the area of environmental science.

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SOCIAL STUDIES COURSES

REQUIRED COURSES

9th Grade: (Human Geography AND Democratic Foundations) **or** AP Human Geography;
10th Grade: US History **or** AP US History;
11th Grade: World History I **AND** (World History II **or** AP Comparative Politics **or** AP World History: Modern);
12th Grade: (US Government **or** AP US Government) **AND** (Economics and Public Policy **or** AP Macroeconomics)

POSSIBLE ADVANCED SCHEDULE:

9th Grade: Honors Geography/Honors Civics
10th Grade: AP US History **plus** Electives
11th – 12th Grades: Honors World History I, AP Comparative Politics, AP US Government, AP World History: Modern, AP Comparative Politics – AP US Government Block, AP Macroeconomics **plus** Electives

Human Geography 9

04001G11

Prerequisite: None
Grade(s): 9
Credits: 1

This course, in addition to Democratic Foundations, fulfills the 9th grade graduation requirement for Social Studies.

This course focuses on human geography, examining the themes of culture, population, politics, urbanization, and agriculture. Students will read materials for main ideas, analyze, synthesize, identify bias, determine cause and effect, interpret graphs, charts, tables and maps. In addition, students will use geo-technologies, such as ArcGIS (Geographic Information Systems) to analyze current topics within the stated themes. Ultimately, students will apply their geographic skills to critically analyze and offer solutions to current world issues.

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Advanced Placement Human Geography 9

04004E11

Prerequisite: None
Grade(s): 9
Credits: 2

This course is to be taken in place of Human Geography and Democratic Foundations

NEW

AP Human Geography 9 is a two-term course that focuses on the processes and cause and effect relationships of human populations. Emphasis throughout the course is on the arrangement of patterns and conditions across the Earth's surface, differences in scale, and cultural determinants influenced by global interaction and integration. Major themes of study include globalization, diffusion, integration, and interaction. This class covers a significant quantity of material at a very quick pace. As a result, students should possess both a strong reading ability and broad vocabulary skills. In addition, students should demonstrate fluid and analytical writing and discerning critical thinking skills. The units covered will include:

- Nature and perspectives of Geography
 - Population and Migration
 - Cultural Patterns and Processes
 - Political Organization of Space
 - Agricultural and Rural Land Use
 - Industrialization and Economic Development
 - Cities and Urban Land
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Social Studies Courses

Democratic Foundations (formerly Civics 9)

04161G11

Prerequisite: None

Grade(s): 9

Credits: 1

This course, in addition to Human Geography 9s, fulfills the 9th grade graduation requirement for Social Studies

This course, in addition to Human Geography, fulfills the 9th grade graduation requirement for Social Studies. Students will demonstrate critical thinking skills with a focus on the development, establishment and continuation of the American political system. Students learn about the rights and obligations of citizenship at the local, state, and national levels. Topics include: the three branches of government, relationships in government, amending the Constitution, and current issues in American democracy, as well as around the world. All students will access rigorous course content by engaging in simulations, debates, small & large group discussions, online learning, and analysis of current issues. Students will read material that is often above grade level.

U.S. History 10 A&B

04103G12 / 04103G22

Prerequisite: None

Grade(s): 10

Credits: 2

This course is a thematic look at United States History from the early 1800's through present day. Unit topics include: American identity, expansionism, Constitution in crisis, role of the federal government and United States and the world. This course fulfills the State of Minnesota high school American History requirements. Students must register for both terms.

Advanced Placement U.S. History 10 (3 Terms)

04104E13 / 04104E23 / 04104E33

College Credit Available

Prerequisite: None

Grade(s): 10

Credits: 3

Registration Recommendation: An "A" in Civics and Geography. Additionally students must possess exceptional academic skills, the ability to persist in the face of intense and enduring rigor, and possess a deep, genuine interest in U.S. History

This course is equivalent to demands made by full-year introductory college courses in U.S. history. Students learn to assess historical materials—their relevance to a given interpretive problem, reliability, and importance—and to weigh the evidence and interpretations presented in historical scholarship. Students develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. The class details the development of the United States from pre-settlement through the present day. This course prepares students for the Advanced Placement Exam in May of each school year. This course fulfills the State of Minnesota high school American History requirement. Students must register for all terms. Summer assignment is required.

World History I: Ancient to 1400 C.E.

04058G11

Prerequisite: None

Grade(s): 11, 12

Credits: 1

World History I: Ancient to 1400 provides a comprehensive study of the development of civilization to the Middle Ages in Europe. This course will compare the emergence and development of cultures in all parts of the world including Africa, Asia, and the Western hemisphere. Students will analyze the geographic, economic, political, cultural,

Social Studies Courses

religious, and social systems that have emerged and influenced thought and behavior patterns in various cultures today. Topics include Prehistory, Mesopotamia, Egypt, India, China, Africa, Greece, Rome, and the Middle Ages. This course fulfills the first half of the Minnesota State World History requirement.

World History I Online

04058G11OL

Online Course

Prerequisite: None
Grade(s): 11, 12
Credits: 1

This course provides a comprehensive study of the development of civilization from pre-history through the Middle Ages. Students will analyze the geographic, economic, political, social, cultural, and religious factors that have emerged and influenced thought and behavior patterns in various regions and societies. Areas of study include Prehistory, Mesopotamia, Egypt, India, China, Africa, Greece, Rome, and the Middle Ages.

World History I Online – Skinny Option

04058G11SOL

Online Course

Prerequisite: None
Grade(s): 11, 12
Credits: 1

This course is intended primarily for students scheduled in full-year music ensemble

This course provides a comprehensive study of the development of civilization from pre-history through the Middle Ages. Students will analyze the geographic, economic, political, social, cultural, and religious factors that have emerged and influenced thought and behavior patterns in various regions and societies. Areas of study include Prehistory, Mesopotamia, Egypt,

India, China, Africa, Greece, Rome, and the Middle Ages.

World History II: 1400 C.E. to Modern

04053G11

Prerequisite: None
Grade(s): 11, 12
Credits: 1

Note: This course fulfills the second half of the Minnesota State World History requirement.

World History II: 1400 to Modern is a comprehensive study of the development of civilization from the 1400's to the rise of modern nationalism, imperialism, and revolutions that impacted the modern world. The course will compare how cultures in all parts of the world including Africa, Asia and the Western hemisphere have adapted to an industrialized, interdependent world. The student will analyze the various ways cultures adapt to change and the major influences that formulate the modern world.

Advanced Placement World History: Modern

04057E11

College Credit Available

Prerequisite: None
Grade(s): 11, 12
Credits: 2

Note: Meets the graduation requirement for 11th grade World History

NEW

AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems,

Social Studies Courses

social interactions and organization, and technology and innovation. Students will read college-level materials for main ideas, analyze, synthesize, identify bias, and determine cause and effect. This class covers a significant quantity of material at a college level. Therefore, students should possess both a strong reading ability and broad vocabulary skills. In addition, students must demonstrate fluid and analytical writing and discerning critical thinking skills. Emphasis placed on critical thinking skills will include analysis and interpretation of historical events and documents.

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Advanced Placement US Government

04159E12

College Credit Available

Prerequisite: None
Grade(s): 11, 12
Credits: 1

Note: Meets the graduation requirement for 12th grade Government

The AP US Government course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. Specifically the course covers the Constitutional Foundations, Political Theory and Beliefs, Development of Political Parties, Elections, Interest Groups and the Mass Media, the Formal Institutions of Government and Public Policy, and lastly Civil Liberties and Civil Rights.

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Advanced Placement Comparative Politics

04158E12

College Credit Available

Prerequisite: None
Grade(s): 11, 12
Credits: 1

Note: Meets the graduation requirement for Modern World History

This class introduces students to major themes and concepts in political science and examines the governments and politics of the United Kingdom, Russia, China, Mexico, Nigeria, and Iran. Specifically, the class focuses upon the following themes: a) sources of public authority and political power; b) the citizen and the state; c) types of regimes and scope of government activity; and d) internal and external sources of political change. Special focus is placed on the current political and economic issues of these countries. To successfully complete this course, critical thinking, reasoned judgment and substantial reading are required on a daily basis. This course prepares students for the Advanced Placement Exam in May of each year and fulfills the second half of the Minnesota State World History requirement.

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Combined AP US Government / AP Comparative Politics

04158E22 / 04159E22

College Credit Available

Prerequisite: None
Grade(s): 11, 12
Credits: 2

Note: This course meets the graduation requirements for both 11th grade Modern World History and 12th grade U.S. Government & Politics

The student that signs up for this combined course will take both AP U.S. Government and AP Comparative Politics (see course descriptions above) on an every-other-day basis covering two terms. This combined

course will offer the student additional enrichment opportunities such as books and salons that only an extended time format allows. This unique course gives students the opportunity to compare and contrast the American government with the international political systems covered in AP Comparative Politics. In addition, the overlap in course content and themes makes this combination a natural fit.

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U.S. Government and Politics

04151G11

Prerequisite: None

Grade(s): 11, 12

Credits: 1

In US Government & Politics, students learn and grow into informed members of the electorate capable of influencing the choices of local, state, and national governments. Students will analyze the Constitution and Bill of Rights in order to define their personal liberties and responsibilities in the United States. Additionally, students will study the role of the United States in the global community through an examination of historical trends and an analysis of current events. Most importantly, students will develop a personalized view of the political world and learn how to impact their communities as critical thinkers and engaged citizens.

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Economics and Public Policy

04160G11

Prerequisite: None

Grade(s): 11, 12

Credits: 1

In a world of scarce resources, how is it determined what goods and services are made and who gets what? Why are some nations rich and other nations poor? What causes an economy to do well or to fall into a recession? What is the proper role of government in managing economic issues

and outcomes? In Economics and Public Policy, students will learn about how prices of goods are determined, labor markets, income inequality, economic growth, inflation, unemployment, international trade issues, and government budget deficits and the national debt. Additionally, the course provides a unified framework to address these issues by studying the impact of different policies, such as monetary and fiscal policies, on aggregate behavior. These analytical tools will be used to understand the recent experiences of the United States and other countries and to address how current policy initiatives affect economic performance in various markets. Finally, students will utilize the tools and theory of economics to analyze and create solutions to public policy issues, both in the United States and around the world - all with the goal of developing critical thinkers who are informed and engaged citizens.

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Economics Online

04160G11OL

Online Course

Prerequisite: None

Grade(s): 11, 12

Credits: 1

This course covers the same curriculum and standards as Economics and Public Policy and can be taken in place of Economics and Public Policy. Economics Online, however, is an entirely online course. Students will be part of an online class community and will have about 10-15 hours of work to complete each week on their own time. This work includes independent learning and also collaborative online work with classmates. If you have any questions about whether an online class is right for you, please see your counselor.

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Social Studies Courses

Economics Online – Skinny Option

04160G11SOL

Online Course

Prerequisite: None

Grade(s): 11, 12

Credits: 1

This course is intended primarily for students scheduled in full-year music ensemble

This course covers the same curriculum and standards as Economics and Public Policy and can be taken in place of Economics and Public Policy. Economics Online, however, is an entirely online course. Students will be part of an online class community and will have about 10-15 hours of work to complete each week on their own time. This work includes independent learning and also collaborative online work with classmates. If you have any questions about whether an online class is right for you, please see your counselor.

federal government and central bank play in a nation's economy. This course prepares the student to take the Advanced Placement exam, and may be taken in place of Economics and Public Policy.

Advanced Placement

Macroeconomics

04204E11

College Credit Available

Prerequisite: None

Grade(s): 11, 12

Credits: 1

Note: Meets the graduation requirement for 12th grade Economics

This course in macroeconomics gives students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, fiscal and monetary policies, economic growth, international trade policies, and currency value determination. Moreover, students will be able to utilize macroeconomic theory and thinking skills to evaluate the roles a

SOCIAL STUDIES ELECTIVES

Psychology

04254G11

Prerequisite: None

Grade(s): 11, 12

Credits: 1

This course offers a hands-on exploration of human behavior and mental processes. Pioneering and contemporary theories of psychology are studied and then applied to everyday situations. Mental illness, personality development, sleep / dreams, hypnosis / meditation, subliminal messages, sensory illusions, ESP, learning, and the brain are just a few of the topics that are examined. Active classroom experiments, demonstrations, and thoughtful discussion are all classroom tools used to better understand the science of human behavior.

Sociology I

04258G12

Prerequisite: None

Grade(s): 11, 12

Credits: 1

This course will help students gain a new understanding of human behavior and social relationships that apply in everyday life. Students will be introduced to the major sociological perspectives, as well as other basic concepts of sociology including; socialization, cultural norms, symbolic culture, sex & gender in society, class, race, and ethnicity.

Methods that will be used to help students gain a better understanding of human behavior and social interactions include: blended/online learning that includes elements of student control over time, place, path and/or pace as well as large and small

group discussions, hands on activities, speakers and self-reflection.

Sociology II

04258G22

Prerequisite: None

Grade(s): 11, 12

Credits: 1

NEW

Sociology II is a class designed to look at present day cultures in the United States of America. This class is not designed to be a traditional textbook driven class but rather a class of personal and group exploration. The goal of the class is to allow the student to better understand themselves and others in a diverse society. We will use a variety of resources from books to speakers to current media.

The Middle East: Crisis and Conflict

04061G11

Prerequisite: None

Grade(s): 10, 11, 12

Credits: 1

This course surveys the main political, social, economic, and intellectual currents of the broader Middle East during the 20th and 21st centuries. Areas of focus include Israel and the Palestinian territories, the Arab world, Turkey, and the rise of ISIS. Course emphasis is placed on answering fundamental questions regarding the historical background and development of current problems in the region. How has the region been formed and shaped by colonialism, political Islam, democratization, oil, revolution, and war? What are the core issues of regional conflicts and why has peace been so elusive? What are the possible outcomes of the ongoing turmoil unleashed by reform movements during the Arab Spring? Components of the course include current events analysis, debate and discussion,

Social Studies Electives Courses

lecture, and an Israeli-Palestinian peace plan proposal.

Assassination Fascination

04065G11

Prerequisite: None
Grade(s): 10, 11, 12
Credits: 1

From the Archduke Franz Ferdinand to that fateful day in Dallas 1963, it's undeniable that few events in history have a more immediate transformational impact than assassinations. This course will analyze notable assassinations, their impact, and historical significance in the United States and world. Among the assassinations discussed will be Abraham Lincoln, John F. Kennedy, James Garfield, William McKinley, Martin Luther King, Jr., and Malcolm X along with some of the "almosts" such as Teddy Roosevelt, George Wallace, and Ronald Reagan.

Social Dynamics of Sex & Gender

04108G11

Prerequisite: None
Grade(s): 10, 11, 12
Credits: 1

Ever wondered what makes something "feminine" in one culture but "masculine" in another? Are men really better at reading maps and women better at multi-tasking? Are the brains of men and women different? In this class we will study topics such as gender in sports, gender issues and inequalities around the globe, gender and the media, gender and bias, and "brains, bodies & the binary". By examining popular makings of masculinity, femininity, and sexuality we hope to broaden our "gender perspective" beyond traditional notions of femininity and masculinity. This class is an introduction to the emerging theories of gender fluidity around the world as it

intersects with race, ethnicity, sexuality, policy, and culture.

Students will engage with course content in part through blended/online learning that includes elements of student control over time, place, path and/or pace as well as group discussions/debate, hands on activities, and self-reflection.

World at War

04156G11

Prerequisite: None
Grade(s): 10, 11, 12
Credits: 1

NEW

This is an in-depth look into the causes of war, the major wars of the 20th century, and the lessons of war. The course will cover WWI and WWII and will include causes, strategies, major campaigns, battles, and personalities. World at War also examines the influence of both wars on American & European art, poetry, and literature. In addition, students will examine how the wars impacted the American Home Front, the roles of women in the war effort, and how black Americans and Japanese Americans in particular were incorporated and segregated during the war. The class will finish with a look at modern warfare and the moral and philosophical questions that it brings to humanity. Moderate reading, lectures, projects, and class discussions are expected.



SPECIAL SERVICES COURSES

English Essentials 9-12 A, B, C, D (skinny)

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Prerequisite: referral and qualifying placement
Grade(s): 9, 10, 11, 12
Credits: 2

This course is individualized and designed to build students' reading and writing skills. Reading skills include: comprehension, vocabulary, and understanding elements of literature. Writing skills include: summarizing, analyzing, organization, and editing. Students are placed based on staff recommendations.

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General Math Essentials A, B, C, D (skinny)

Prerequisite: referral and qualifying placement
Grade(s): 9, 10, 11, 12
Credits: 0.5/term

This course is an individualized math class designed to meet students at their instructional level and assist them in developing basic math skills using direct instruction and through ALEKS, an online math system. The focus is on building a strong arithmetic foundation with some use of calculators. Curriculum levels can range basic facts, calculations and word problems up to pre-algebra. The intent of this course is to assist students in closing the learning gap between their present levels of performance and that of their same grade peers. Students will be placed in this course by the special education math team based on previous math courses, relevant documentation, and 8th grade referral.

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Pre Algebra Essentials A, B, C, D (skinny)

Prerequisite: referral and qualifying placement
Grade(s): 9, 10, 11, 12
Credits: 0.5/term

The goal of this course is to accelerate the learning for struggling students into successful math thinkers and give them the skills to successfully enter Algebra. The course covers whole numbers, integers, rational numbers, proportions, percent, variable expressions and equations, functions and graphs, exponents and polynomials, and basic geometry. It provides key foundational computation skills while providing rich, grade-level problem solving experiences. A main focus of this course is the introduction of Algebraic concepts.

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Algebra Essentials A, B, C, D (skinny)

Prerequisite: referral and qualifying placement
Grade(s): 10, 11, 12
Credits: 0.5/term

Students review real numbers, multi-step equations and inequalities, linear functions, systems of equations and inequalities, simplifying exponents and radicals, operations with polynomial expressions, and factoring. Problem solving and reasoning skills will be emphasized in every unit. Students will also learn how to apply algebraic functions into real life situations and how to translate these skills into other areas of their life. Students will be placed in this course by the special education math team based on math history.

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Special Services Courses

Geometry Essentials A, B, C, D (skinny)

Prerequisite: referral and qualifying placement

Grade(s): 9, 10, 11, 12

Credits: 0.5/term

In this course, students will study concepts of geometric figures such as lines, angles, triangles, circles, quadrilaterals, prisms, and pyramids. Real life application of geometric concepts including formulas involving perimeter, area, and volume will be stressed. Students will also be introduced to the concept of a geometric proof and will review algebra concepts, such as solving equations. This class teaches students the essential concepts of geometry in order to prepare them for post-secondary programs. Students will be placed in this course by the special education math team based on math history.

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Strategic Learning Center (SLC)

Prerequisite: referral and qualifying placement

Grade(s): 9, 10, 11, 12

Credits: 0.5/term

The Strategic Learning Center will support students in the development of their social-emotional and transition skills. It addresses the essential learning targets of self-awareness, social awareness, self-management, social management, post-secondary training and independent work skills. Students will receive direct instruction in these skills, practice time, check-ins and some resource work time.

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Strategic Learning Center / College and Career Readiness (skinny)

Prerequisite: referral and qualifying placement

Grade(s): 9, 10, 11, 12

Credits: 0.5/term

SLC-CCR (Strategic Learning Center-College Career Readiness) is designed to support students in the development of their social-emotional and transition skills. Students focus on the learning targets of Self-Awareness, Social-Awareness, Self-Management and Social-Management. Specifically, students will develop the ability to advocate for themselves effectively by building an understanding of accommodations provided by their IEP, create a post-secondary plan, develop school success skills (organization of materials, stress-management, emotional regulation).

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Project Success (formerly College and Career Readiness)

Prerequisite: referral and qualifying placement

Grade(s): 9, 10

Credits: 1

PROJECT SUCCESS will support the student transition from middle school to high school by learning school readiness skills. It addresses the essential learning targets of self-advocacy, independent work skills, organization, and independent living. Students will receive direct instruction in these skills, practice time, check-ins, and some resource work time.

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Special Services Courses

College and Career Readiness

TRANSITION (formerly Access

College and Career Readiness

Prerequisite: Referral and qualifying placement

Grade(s): 10, 11, 12

Credits: 1

College & Career Readiness Transition will support students in preparing for life after high school by learning employment, independent living, and post-secondary planning skills. It addresses the essential learning targets of self-advocacy, employment, post-secondary training, independent work skills, organization, and independent living skills. Students will receive direct instruction in these skills, practice time, check-ins, and some resource work time.

Social Understanding (skinny)

Prerequisite: referral and qualifying placement

Grade(s): 9, 10, 11, 12

Credits: 0.5/term

Social Understanding and Readiness Skills will support students in understanding social norms in the school and community settings, develop problem solving skills and improve their self-advocacy and self-control. The course will also develop skills to help students in the areas of post-secondary education, independent living and employment. Students will receive direct instruction in these areas, practice time, check-ins and some resource work time.

Study Skills (skinny)

Prerequisite: referral and qualifying placement

Grade(s): 9, 10, 11, 12

Credits: 0.5/term

Study Skills will support students in developing their executive functioning skills (organization, self-advocacy, and work completion) and encourage the use of these skills outside of Resource Room in the school, home and community. Students will receive direct instruction in these areas, practice time, check-ins and some resource work time.

Academic Life Skills

Prerequisite: referral and qualifying placement

Grade(s): 9, 10, 11, 12

Credits: 1/term

This course is designed for students to develop transitional academic and life skills, improve functional skills in reading. Specific course content will address individual student needs. Areas will include communication, community based learning and problem solving skills.

Augmentative Communication/

Assistive Technology (skinny)

Prerequisite: referral and qualifying placement

Grade(s): 9, 10, 11, 12

Credits: 1/semester

This course is focused on improving students' communication, organizational, fine motor, academic, and social/behavioral skills through the use of technology. Students will be actively involved in creating their own messages and stories, communicate information about themselves, communicate their wants and needs, and learn keyboarding skills.

Special Services Courses

Foundations Math and Literacy

Prerequisite: referral and qualifying placement

Grade(s): 9

Credits: 1/term

This course is designed to build individual student's literacy and math skills. 9th grade literacy curriculum will focus on comprehension, vocabulary, reading fluency, and accurately using words and phrases to write sentences. 9th grade math curriculum will focus on solving real world mathematical problems with an emphasis on basic math skills, money, time, and measurement.

Building Math and Literacy

Prerequisite: referral and qualifying placement

Grade(s): 10

Credits: 1/term

This course is designed to build individual student's literacy and math skills. 10th grade literacy curriculum will focus on comprehension, vocabulary, reading fluency, and accurately using words and phrases to write sentences. 10th grade math curriculum will focus on solving real world mathematical problems with an emphasis on basic math skills, money, time, and measurement.

Transition Math & Literacy

Prerequisite: referral and qualifying placement

Grade(s): 11

Credits: 1/term

This course is designed to increase functional math and literacy skills for students with a variety of learning styles, unique needs and special interests using technology, multi media and hands on project based activities. Students will solve real world math problems and engage in

collaborative discussions with an emphasis on social skills. Curriculum content will focus on comprehension, vocabulary, writing and research.

Consumer Math & Literacy

Prerequisite: referral and qualifying placement

Grade(s): 12

Credits: 1/term

This course is designed to increase functional math and literacy skills for students with a variety of learning styles, unique needs and special interests using technology, multi media and hands on project based activities. Students working on transition skills will solve real world math problems and engage in collaborative discussions with an emphasis on social skills needed for transition. Curriculum content will focus on comprehension, vocabulary, writing and research.

Health 9/10 (skinny)

Prerequisite: referral and qualifying placement

Grade(s): 9, 10

Credits: 1/term

This course is designed to increase skills in the areas of social communications as well as identifying emotions, stress management and self-advocacy. Through classroom discussion, using technology, role play, and hands on projects student will also focus on a specific content area at each grade level. Some students will use class time to participate in sensory activities and yoga exercises.

Health 11/12 (skinny)

Prerequisite: referral and qualifying placement

Grade(s): 11, 12

Credits: 1/term

Special Services Courses

This course is designed to increase skills in the areas of social communications as well as identifying emotions, stress management and self-advocacy. Through classroom discussion, using technology, role play, and hands on projects student will also focus on a specific content area at each grade level. Some students will use class time to participate in sensory activities and yoga exercises.

Science 9/10

Prerequisite: referral and qualifying placement
Grade(s): 9, 10
Credits: 1/term

This is a two term course with physical and life science curriculums presented in alternating years. This course is designed to provide an opportunity for students to increase their understanding of the physical world around them through a modified science curriculum. Students will learn about many different units and areas of science (Technology, Environments, Electricity, Natural Disasters, Weather, Mammals, Biomes and science inquiry). Students will also work on improving comprehension and problem solving skills.

Social Studies 9/10

Prerequisite: referral and qualifying placement
Grade(s): 9, 10
Credits: 1/term

Social Studies 9/10 is a 2 year cycle class where students learn about our country's history starting with explorers in the 1400's to present time. During their 9th and 10th grade years, all students will be exposed to lessons that cover that entire time span. In year 1, students will begin with explorers to the beginning of the Civil War. In year 2, students will learn and explore after the Civil War to present time.

Social Studies 11/12

Prerequisite: referral and qualifying placement
Grade(s): 11, 12
Credits: 1/term

Social Studies 11/12 is a 2 year cycle class where students learn about Citizenship in the year 1 cycle. Student's will learn the civic identity of the United States is shaped by historical figures, places and events, and by key foundational documents and other symbolically important artifacts.. During the year 2 cycle, Government students will learn that the United States government has specific functions that are determined by the way that power is delegated and controlled among various bodies: the three levels (federal, state, local) and the three branches (legislative, executive, judicial) of government.

Career Investigation

Prerequisite: Referral and qualified placement
Grade(s): 11, 12
Credits: 1/term

The Career Investigation class stems from the 5 areas of the PAES Lab the students previously experienced. After researching and studying a particular career, the students will be going to a location in the community to interview someone in that position and find out more about the job. By the end of the semester, students will have been to eight different job sites. Students will have a better understanding about the jobs they might be interested in, what skills they need to do them, and what kind of education / training they will need.

Special Services Courses

Community Exploration

Prerequisite: Referral and qualified placement

Grade(s): 11, 12

Credits: 1/term

This class will focus on different places in the community (i.e. grocery store, movie theater, library) each week and will include a site visit to those locations. Curriculum will be focused on appropriate behavior, communication, safety, planning, and money. By the end of the semester, students will have visited eight different locations around the community.

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Communication Skills

Prerequisite: Referral and qualified placement

Grade(s): 9, 10

Credits: 1/term

This class will focus on communicating with peers, adults, strangers, employers, and people who could be encountered in the community. Students will explore appropriate ways to ask for the things they need, learn to advocate for themselves (especially when they have a problem), and practice a variety of communication skills. Students will explore the meaning of non-verbal as well as verbal cues.

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Math Literacy

Prerequisite: Referral and qualified placement

Grade(s): 9, 10, 11, 12

Credits: 1/term

This course is designed to build individual students' literacy and math skills. Literacy curriculum will focus on comprehension, Vocabulary, Reading fluency, and accurately using words and phrases to write sentences. Math curriculum will focus on solving real-world mathematical problems with an emphasis on basic math skills, money, time, and measurement.

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Home Living

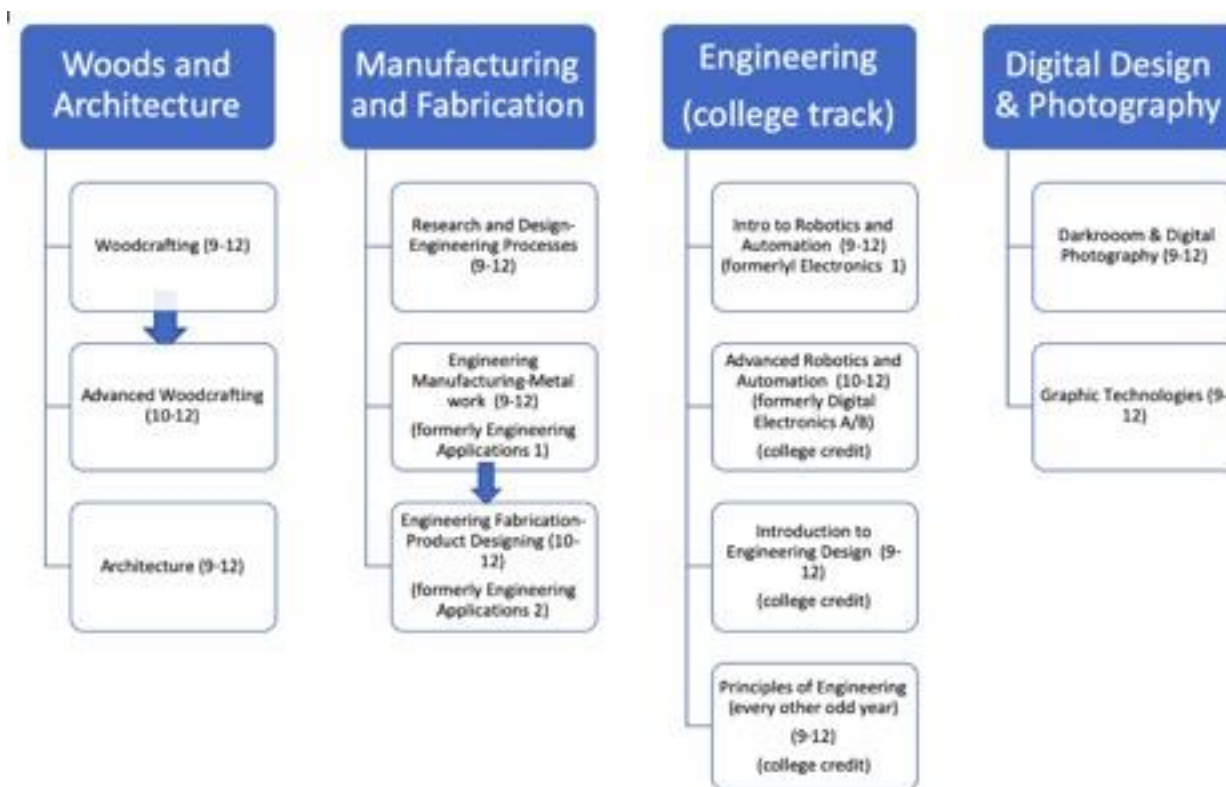
Prerequisite: Referral and qualified placement

Grade(s): 9, 10, 11, 12

Credits: 1/term

This course will promote student independence in everyday living situations with appropriate social skills needed to be successful. The course will focus on personal management, life management, and everyday life skills. Supplemental skills will be added to meet the specific needs of the students.

TECHNOLOGY EDUCATION COURSES



Project Lead the Way (PLTW): Students wishing to pursue advanced study in technology education now have additional opportunities for course work through a program called Project Lead the Way (PLTW). Project Lead the Way is a national non-profit organization established to help schools give students the knowledge they need to succeed in high-tech fields. Students who earn a “B” or better and score 70% or higher on the PLTW exam may earn college credit while taking **Principles of Engineering, Digital Electronics, Introduction to Engineering Design Part B, or Advanced Architectural Design**. In addition to earning credit at four-year college institutions, these high school courses have been matched with similar courses at Normandale Community College, North Hennepin Community College,

Hennepin Technical College, Anoka-Ramsey Community College, and Anoka Technical College. Students meeting the college requirements will earn college credit, as well as high school credit, to apply toward graduation. This usually means earning at least a “B” in the class. This is an excellent way to gain a head start on a college degree without leaving high school.

Technology Education Courses

Research & Design – Engineering Processes

21052G11

Prerequisite: None
Grade(s): 9, 10, 11, 12
Credits: 1

Meets Applied Arts requirement

Students will learn to create an Engineering Design Brief and study the use of engineering related processes. Students will learn to design and construct a steel wire bridge for maximum strength while developing soldering skills with the use of solder hand tools. Students will develop beginning woodworking skills using table top machines while constructing a CO2 powered car of their choice that we race down a track. An introduction to the Gateway to Technology Inventor 3D computer program learning to create industry standard blueprints and how to read them. Projects are portfolio based to enhance the usage of the engineering design brief process and helps develop organizational skills. This course is a great introduction to all areas of technology education courses.

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Intro to Robotics & Automation (formerly Electronics I)

17101G11

Prerequisite: None
Grade(s): 9, 10, 11, 12
Credits: 1

This course is designed to develop fundamental skills of robotics, automation, and electronics. Electricity and electronics are the foundation of robotics so are you curious how to make circuits? Or, how a car can sense a pedestrian then automatically brake? Students will breadboard and simulate circuits such as automated street light, railroad lights, and a railroad crossing arm switching circuit to develop skills and

understanding on how to make circuit connections at the component level. Students will solder these circuits onto circuit boards into a functioning railroad crossing project. Going further, students will automate the railroad project using computer programming and microcontrollers. Also, through these hands-on projects, students learn proper hand tool and equipment use.

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Advanced Robotics and Automation (formerly Digital Electronics Engineering (PLTW))

21008A12 / 21008A22

College Credit Available

Prerequisite: None
Grade(s): 10, 11, 12
Credits: 2

Note: *This is a semester course*

This course is designed to teach students about applied logic, which introduces them to the basics of digital input and output systems AKA “Robotics”. Are you inventive? Do you enjoy developing solutions? Are you interested in expanding your computer science abilities? Our everyday lives are impacted by automation from your home heating system to advanced automation and robotic processes to produce food, cars, and control other high-tech systems. What is your idea? Students will use various programmable devices such as FPGA boards and microcontrollers to automate and control. In addition, students will use LS74XX logic chips, seven-segment displays and the L298 motor control chip. In this course student will be introduced to the binary numbering system and basic logic gates to create combination logic projects such as an automated temperature-controlled fireplace, automated elevator system, random dice generator and students have the opportunity to customize

Technology Education Courses

their projects. This course blends theoretical and hands on learning and offers the opportunity to test for college credit.

Engineering Manufacturing – Metal Work (formerly Engineering Applications I: Materials and Processes)

21052G15

Prerequisite: Research & Design – Engineering Process

Grade(s): 9, 10, 11 12

Credits: 1

A machine-based metals class that is oriented to the fundamental processes of working with metals and composites. Students will acquire useful techniques of tool usage, machining, manufacturing, welding, and fabrication skills. Students will learn to use industry-based machines; Horizontal Mill, Plasma Cutter, Lathe, Mig welder, and the use of hand power tools while following blueprints in the creation of thread gauge plates, mill mazes, plasma cut name plate and more! This course is highly recommended for any student considering further work/study in the field of Engineering.

Engineering Fabrication – Metal Product Designing (formerly Engineering Applications II: Supermileage)

21052G25 / 20152G35

Prerequisite: Engineering Applications I

Grade(s): 10, 11, 12

Credits: 2

Note: This is a semester course

Meets Applied Arts requirement

Using skills developed from the Engineering Manufacturing-Metal Work (formerly Engineering Applications I) course students will use the engineering design brief to

create and fabricate their own personal metal work project. Students will use computer aided drafting to design and present their ideas, develop cost projections, learn machine coding, and engineer their project with the opportunity to develop master skills in industry standard machining, welding, and metal part fabrication. Recommended for students interested in engineering and technical trades skills.

Introduction to Engineering Design A&B – Project Lead the Way

21006A12 / 21006A22

College Credit Available

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 2

Note: Must take A & B in the same school year (College Credit course upon completion of Part B)

Meets Applied Arts requirement

Project Lead the Way is a nationally recognized course that teaches problem-solving and critical thinking skills using the engineering design brief process. Part A of the class introduces students to elements of design and drafting techniques through the use of Autodesk Inventor 3D solid modeling industry-standard software. In Part B solutions are created, analyzed and communicated using Autodesk Inventor solid modeling computer design software to create parts, assemblies, animations, and presentations at an Engineers level of professionalism.



Technology Education Courses

Principles of Engineering A&B

21004A12 / 21004A22

College Credit Available

Prerequisite: None

Grade(s): 10, 11 12

Credits: 2

Note: Offered every other ODD year. Not available in 2020)

Project Lead the Way is a nationally recognized course that helps students understand the field of engineering and engineering technologies. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change. Are you interested in green technologies, electric/hybrid car technologies or finding the next solution to saving the planet? This course will show you how to fully develop those ideas in Engineering industry standards. This class also offers the opportunity to earn college credit with the completion of part B. Part A and B must be taken in the same year.

Architectural Design

21012A12

Prerequisite: None

Grade(s): 9, 10, 11 12

Credits: 1

This course introduces students to many aspects of residential architecture and provides an opportunity for students to develop a single-family home. Are you wondering how you can use your creative talents? Are you interested in transforming livable spaces and interior design? Understanding the design and construction (how homes are built) is essential to building and remodeling homes so people will purposely enjoy their spaces. Students

will also investigate the environmental impact, cost of construction, heat\ cooling, and electrical and plumbing systems. Students will develop set of technical drawings which include a floor plan, front and side elevations, wall sections, window & door schedules, and a 3D rendering. Students will apply a combination of hands-on model building and CAD renderings throughout the course.

Darkroom and Digital Photography

05167G11

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Meets Fine Arts requirement

In this course, you'll develop an understanding of both digital and film cameras. Students will develop skills with a digital SLR camera learning the effects and functions of camera settings. Students will learn to manipulate images in Adobe Photoshop to create different types of prints, clean up images and develop skills in printing to vinyl, canvas, photo paper, ceramics, metal, wood and more! Students will learn the basics of black-and-white film photography and darkroom photograph developing processes while creating photograms. Included in this course will be learning enlarging techniques, printmaking with 5 different printers, and other unique camera created effects. In addition, students will create large format prints using gallery wrap and canvas techniques.

Graphic Technologies

05167E11

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Meets Fine Arts requirement

How did they get that picture on that???

Technology Education Courses

This class will explore graphic design technologies in the digital world of communications. Students will learn how the world of advertising uses graphics to communicate their messages to different audiences, different printer resolutions and their products, image file sizes, and digital organizing. Through the use of camera technologies, digital art, the Adobe Photoshop/Illustrator Suite of software products and Corel Draw students will create designs to fit many different print medias, sizes, and substrates. Students will create products with the use of a laser cutter & engraver, vinyl cutter, thermal presses and 5 different printers. Products designed and created include: large format prints, vinyl sticker making, laser engraved wood photos, thermal and vinyl press T-shirts, ceramic coffee mugs, water bottles, puzzles, key chains, and more!

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Woodcrafting

17006G12

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 1

Meets Applied Arts requirement

This is a traditional woodworking class. Students will create a set of plans for building their wood project, generate a bill of materials with specifications, construct a project from the plans, and demonstrate safe usage of woodworking tools. Students will build a solid hardwood cabinet that when completed they can take home. During the term students will be learn how to use hand tools, power equipment, and fundamental woodshop practices including drawer and door construction. Students will create a set of plans for building their project and generate a bill of materials with specifications.

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Advanced Woodcrafting

17006E22

Prerequisite: Woodcrafting

Grade(s): 10, 11, 12

Credits: 1

Meets Applied Arts requirement

A stereo cabinet, entertainment center, chest of drawers, or cedar chest are representative of the projects that can be designed and built in this course. This course is for students who have shown interest and skill in woodworking. (The student will research a design, plan working procedure, purchase materials, and work safely while constructing their designed project.) The course includes further instruction on the use of power tools and equipment and advanced woodworking techniques.

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Work & Career Experience Courses

WORK & CAREER EXPERIENCE COURSES

Career Options

23151B12 / 23151B22

Prerequisite: None
Grade(s): 9, 10, 11, 12
Credits: 1-3

***Note:** Students will receive 1 credit for the classroom portion of the class and have the option to earn 1-2 additional credits for community-based employment. One credit will be awarded for 65 hours or 2 credits awarded for 130 hours of community-based employment during the term enrolled.*

This course satisfies the Business/Work Experience requirement. You have career options! Explore them and be prepared for your future by clearly defining your interests, skills, and strengths as it applies to future employment opportunities. Learn specific insights from our expert career speakers. Finish with the skills needed to fill out job applications, conduct an interview, and write a resume and cover letter.

Money Sense

12108B12 / 12108B22

Prerequisite: None
Grade(s): 10, 11, 12
Credits: 1-3

***Note:** Students will receive 1 credit for the classroom portion of the class and have the option to earn 1-2 additional credits for community-based employment. One credit will be awarded for 65 hours or 2 credits awarded for 130 hours of community-based employment during the term enrolled.*

This course satisfies the Business/Work Experience requirement. It's all about YOUR money! You will learn what you really need to know about handling your money. Learn about the stock market and

investment options, budgeting, housing options, insurance needs, buying a used car, tax preparation and more money management tips to help you manage your hard-earned money.

Pre-Employment Seminar (skinny)

Prerequisite: Referral and qualifying placement
Grade(s): 9, 10, 11, 12
Credits: 0.5/term

Prepare for your future! Through this class, students will develop their academic skills through classroom activities and early work experiences. Students will learn important skills for future employment including: teamwork, punctuality, communications skills (verbal and non-verbal) following instructions (one-step, multiple steps, written, and verbal) and workplace reading and math.

Employment Practicum

Prerequisite: Referral and qualifying placement
Grade(s): 9, 10, 11, 12
Credits: 1/term

This course is designed to provide students with an initial work experience. Basic work skills are applied, improved, and evaluated for future community placement. Job experiences include the staff mailroom (reading, alphabetizing, locate, match, task focus over time, work rate, quality results, communication skills, interpersonal skills), media center (reading, numerical order, clerical prep for display & checkout, focus over time, work rate, quality results, communication skills, interpersonal skills), and dock deliveries (communication skills, interpersonal skills, detailed record keeping, directional mapping, organizational planning, task focus over time, work rate, quality results), and custodial (workplace safety, spatial organization, proper custodial

Work & Career Experience Courses

cleaning methods, communication skills, interpersonal skills, work rate, quality results).

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Community Employment Practicum

Prerequisite: Referral and qualifying placement

Grade(s): 11, 12

Credits: 2/term

This course offers an employment opportunity in the community. **To participate in this experience, students MUST also be registered for a classroom Work Experience course.

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Service Occupations

Prerequisite: Referral and qualifying placement

Grade(s): 10, 11, 12

Credits: 2

Gain real career experience! This semester (2 terms) course includes classroom instruction and hands-on work-based experiences. The objective is for students to acquire a basic understanding of the skills required to perform a variety of tasks in several entry-level service occupations jobs. The service occupations include prep cook, dining room attendant, dish room worker, laundry room worker, custodian, outdoor grounds worker.

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PAES Lab

Prerequisite: Referral and qualifying placement

Grade(s): 10, 11, 12

Credits: 1/term

Practical Assessment Exploration System (PAES)

This course satisfies the Business/Work Experience requirement. The PAES program provides training in both employment and independent living skills. Skills are taught in a systematic format that helps students become more independent. Students learn basic career skills in a simulated work environment. The assessment portion of the program determines students' interests in specific work areas, competitiveness with peers, and job strengths. Curriculum focus is in 5 work areas: Business/Marketing, Computer/Technology, Construction/Industrial, Processing/Production, and Consumer Service.

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WORLD LANGUAGE COURSES

French 1 A&B

06121G12 / 06121G22

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 2

Students must register for both terms A and B.

This course is designed for students with little or no background in the target language. (To strengthen skills before Level 2, this course is also recommended for students who earned less than 75% in 7th & 8th grade.) The major emphasis in this course will be on the development of listening and speaking skills at the novice-low level. Students will also begin to read and write using basic language structures and investigate relevant cultural traditions.

French 2 A&B

06122G12 / 06122G22

Prerequisite: French 1 A&B or two years of 7th & 8th grade language study (recommended grade of 75% or higher), or teacher recommendation

Grade(s): 9, 10, 11, 12

Credits: 2

Students must register for both terms A and B.

In this semester long course, students will continue to learn the features of language necessary for simple communication in varied applications. In the target language, they will comprehend spoken and written information and communicate simple information at the novice-mid level. In addition, students will recognize and identify relevant cultural traditions.

French 3 A&B

06123G12 / 06123G22

Prerequisite: French 2 A&B

Grade(s): 9, 10, 11, 12

Credits: 2

Students must register for both terms A and B.

In this semester-long course, students will continue to learn the features of language necessary for basic communication in varied applications. In the target language, students will comprehend spoken and written information and communicate information at the novice-high level. They will continue to recognize and identify relevant cultural traditions.

French 4 A&B

06124G12 / 06124G22

Prerequisite: French 3 A&B

Grade(s): 10, 11, 12

Credits: 2

Students must register for both terms A and B.

In this semester-long course, students will continue to learn the features of language necessary for communication in more complicated applications. In the target language, they will comprehend spoken and written information and communicate more complicated information at the intermediate-low level. They will continue to recognize relevant cultural traditions.

French 5 / FREN 1003

06125D11

5 Univ of MN College Credits Available

Prerequisite: French 4 A&B

Grade(s): 11, 12

Credits: 2

Students must register for both terms A and B, but will receive one semester grade.

Students enrolling in this course have the option of taking this course for college credit via dual enrollment with the University of Minnesota's College in the

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Schools program. Students will earn 2 EPHS credits and have the option of earning five University of Minnesota credits.

This course will follow the curriculum of 1003 University of Minnesota course in the target language. Upon successful completion of this course, students who register for the college credit will earn 5 University of Minnesota credits and an official transcript. Students should anticipate the rigor and challenge associated with a university course. Evaluations will include written and oral exams, formal compositions, daily homework and participation. Excessive absences are not allowed per the University's requirements.

French 6 / FREN 1004

01629D11

5 Univ of MN College Credits Available

Prerequisite: French 5 / FREN 1003

Grade(s): 11, 12

Credits: 2

Students must register for both terms A and B, but will receive one semester grade.

Students enrolling in this course have the option of taking this course for college credit via dual enrollment with the University of Minnesota's College in the Schools program. Students will earn 2 EPHS credits and have the option of earning five University of Minnesota credits.

This course will follow the curriculum of 1004 University of Minnesota course in the target language. Upon successful completion of this course, students who register for the college credit will earn 5 University of Minnesota credits and an official transcript. Students should anticipate the rigor and challenge associated with a university course. Evaluations will include written and oral exams, formal compositions, daily homework, and participation. Excessive absences are not allowed per the University's requirements.

German 1 A&B

06201G12 / 06201G22

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 2

Students must register for both terms A and B.

This course is designed for students with little or no background in the target language. (To strengthen skills before Level 2, this course is also recommended for students who earned less than 75% in 7th & 8th grade.) The major emphasis in this course will be on the development of listening and speaking skills. Students will also begin to read and write using basic language structures and investigate relevant cultural traditions.

German 2 A&B

06202G12 / 06202G22

Prerequisite: German 1 A&B or two years of 7th & 8th grade language study (recommended grade of 75% or higher), or teacher recommendation

Grade(s): 9, 10, 11, 12

Credits: 2

Students must register for both terms A and B.

In this semester long course, students will continue to learn the features of language necessary for simple communication in varied applications. In the target language, they will comprehend spoken and written information and communicate simple information. In addition, students will recognize and identify relevant cultural traditions.

German 3 A&B

06203G12 / 06203G22

Prerequisite: German 2 A&B

Grade(s): 9, 10, 11, 12

Credits: 2

Students must register for both terms A and B.

In this semester-long course, students will continue to learn the features of language

World Language Courses

necessary for basic communication in varied applications. In the target language, students will comprehend spoken and written information and communicate basic information. They will continue to recognize and identify relevant cultural traditions.

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German 4 / CIS 1003

06204D11

College Credit Available

Prerequisite: German 3 A&B

Grade(s): 10, 11, 12

Credits: 2

Students must register for both terms A and B.

Students enrolling in this course have the option of taking this course for college credit in collaboration with the University of Minnesota's College in the Schools program. Students will earn 2 EPHS credits and have the option of earning five University of Minnesota credits.

This course will follow the curriculum of 1003 University of Minnesota course in the target language. Upon successful completion of this course, students who register for the college credit will earn 5 University of Minnesota credits and an official transcript. Students should anticipate the rigor and challenge associated with a university course. Evaluations will include written and oral exams, formal compositions, daily homework and participation. Excessive absences are not allowed per the University's requirements.

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German 5 / CIS 1004

06205D11

College Credit Available

Prerequisite: German 4 / CIS 1003

Grade(s): 11, 12

Credits: 2

Students enrolling in this course have the option of taking this course for college credit in collaboration with the University of Minnesota's College in the Schools

program. Students will earn 2 EPHS credits and have the option of earning five University of Minnesota credits.

This course will follow the curriculum of 1004 University of Minnesota course in the target language. Upon successful completion of this course, students who register for the college credit will earn 5 University of Minnesota credits and an official transcript. Students should anticipate the rigor and challenge associated with a university course. Evaluations will include written and oral exams, formal compositions, daily homework, and participation. Excessive absences are not allowed per the University's requirements.

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Spanish 1 A&B

06101G12 / 06101G22

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 2

Students must register for both terms A and B.

This course is designed for students with little or no background in the target language. (To strengthen skills before Level 2, this course is also recommended for students who earned less than 75% in 7th & 8th grade.) The major emphasis in this course will be on the development of listening and speaking skills at a novice-low level. Students will also begin to read and write using basic language structures and investigate relevant cultural traditions.

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Spanish 1 A&B Online

06101G12OL/ 06102G22OL

Online Course

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 2

Students must register for both terms A and B.

This course is designed for students with little or no background in the target language. (To strengthen skills before Level

World Language Courses

2, this course is also recommended for students who earned less than 75% in 7th & 8th grade.) The major emphasis in these courses will be on the development of listening and speaking skills. Students will also begin to read and write using basic language structures and investigate relevant cultural traditions.

Spanish 2 A&B

06102G12 / 06102G22

Prerequisite: Spanish 1 A&B or two years of 7th & 8th grade language study (recommended grade of 75% or higher), or teacher recommendation
Grade(s): 9, 10, 11, 12
Credits: 2

Students must register for both terms A and B.

In this semester long course, students will continue to learn the features of language necessary for simple communication in varied applications. In the target language, they will comprehend spoken and written information and communicate simple information at the novice-mid level. In addition, students will recognize and identify relevant cultural traditions. Students must register for both terms A and B.

Spanish 3 A&B

06103G12 / 06103G22

Prerequisite: Spanish 2 A&B
Grade(s): 9, 10, 11, 12
Credits: 2

Students must register for both terms A and B.

In this semester-long course, students will continue to learn the features of language necessary for basic communication in varied applications. In the target language, students will comprehend spoken and written information and communicate information at the novice-high level. They will continue to recognize and identify relevant cultural traditions.

Spanish 4 A&B

06104G12 / 06104G22

Prerequisite: Spanish 3 A&B
Grade(s): 10, 11, 12
Credits: 2

Students must register for both terms A and B.

In this semester-long course, students will continue to learn the features of language necessary for communication in more complicated applications. In the target language, they will comprehend spoken and written information and communicate more complicated information at the intermediate-low level. They will continue to recognize relevant cultural traditions.

Spanish 5 / SPAN 1003

06105D11

5 Univ of MN College Credits Available

Prerequisite: Spanish 4 A&B or Advanced Spanish Immersion 10 A&B
Grade(s): 11, 12
Credits: 2

Students must register for both terms A and B, but will receive one semester grade.

Students enrolling in this course have the option of taking this course for college credit via dual enrollment with the University of Minnesota's "College in the Schools" program. Students will earn 2 EPHS credits and have the option of earning five University of Minnesota credits. This course will follow the curriculum of the University of Minnesota course, Spanish 1003, in the target language. Upon successful completion of this course, students who register for the college credit will earn 5 University of Minnesota credits and an official transcript. Students should anticipate the rigor and challenge associated with a university course. Evaluations will include written and oral exams, formal compositions, daily homework and participation. Excessive absences are not allowed per the University's requirements.

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Spanish 6 / SPAN 1004

06109D11

5 Univ of MN College Credits Available

Prerequisite: Spanish 5 / SPAN 1003

Grade(s): 11, 12

Credits: 2

Students must register for both terms A and B, but will receive one semester grade.

Students enrolling in this course have the option of taking this course for college credit via dual enrollment with the University of Minnesota's College in the Schools program. Students will earn 2 EPHS credits and have the option of earning five University of Minnesota credits.

This course will follow the curriculum of Spanish 1004 University of Minnesota course in the target language. Upon successful completion of this course, students who register for the college credit will earn 5 University of Minnesota credits and an official transcript. Students should anticipate the rigor and challenge associated with a university course. Evaluations will include written and oral exams, formal compositions, daily homework, and participation. Excessive absences are not allowed per the University's requirements.

Advanced Spanish Immersion 3 **(formerly Immersion 9)**

06108G14 / 06108G24

Prerequisite: Spanish Language Arts 8 AND Grade 8 teacher recommendation.

Grade(s): 9

Credits: 2

This course is designed for Spanish immersion students entering high school with attention to enhanced literacy, pronunciation, writing skills, grammar polish, cultural awareness of Spanish speaking countries and transition to Spanish Language and Culture 10 and the rigor of college-level courses that follow.

Advanced Spanish Immersion 4 **(formerly Immersion 10)**

06108G34 / 06108G44

Prerequisite: Advanced Spanish Immersion 9

Grade(s): 10

Credits: 2

This course is designed for continuing Spanish immersion students at the high school level, who have successfully completed Spanish language and Culture 9, with attention to enhanced literacy, pronunciation, writing skills, grammar polish, and cultural awareness of Spanish speaking countries and transition to the rigor of college level courses to follow.

Advanced Placement (AP) Spanish **Literature and Culture**

06109E11

College Credits Available

Prerequisite: Spanish 6 / SPAN 1004

Grade(s): 11, 12

Credits: 2

Students must register for both terms A and B.

NEW

Students read and analyze Spanish literature from various Spanish speaking countries. The historical period spans from medieval to modern times. In the course students continue to develop proficiencies across the full range of the modes of communication (interpersonal, presentational, and interpretive), honing their critical reading and analytical writing skills. Besides reading, students study the historical context in which the work was made, and they analyze how historical context affects perspective and style of the work. Part of the course requires students to analyze in writing their observations of theme, style, and historical influences on the work. There are 1-2 hours of homework for the course each night, weekly assessments to monitor progress and periodic writing assessments.

World Language Courses

American Sign Language 1 A&B

06801G12 / 06801G22

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 2

Students must register for both terms A and B.

This is the first course in a sequence in American Sign Language (ASL) and Deaf culture. Students will learn the basics for communication with deaf individuals. The course includes receptive and expressive readiness activities, sign vocabulary, basic rules of grammar, finger spelling, conversational behaviors, and various aspects of Deaf culture. Receptive and expressive sign vocabulary building, introductory conversation, and short narratives are featured. You must register for both terms of the course.

American Sign Language 2 A&B

06802G12 / 06802G22

Prerequisite: American Sign Language 1 A&B - a grade of "C" or better is recommended

Grade(s): 10, 11, 12

Credits: 2

Students must register for both terms A and B.

In the second course in the sequence of American Sign Language and Deaf culture, students will continue to learn communication with deaf individuals. The course includes more advanced receptive and expressive activities, sign vocabulary, ASL grammatical structure, finger spelling, conversational behaviors, and various aspects of Deaf culture. Receptive and expressive sign vocabulary building, conversations, short stories and narratives are featured.

American Sign Language 3 A&B

06803G12 / 06803G22

Prerequisite: American Sign Language 2 A&B - a grade of "C" or better is recommended

Grade(s): 11, 12

Credits: 2

Students must register for both terms A and B.

In the third course in the sequence, students will continue to learn how to communicate with deaf individuals. The course includes advanced receptive and expressive activities, advanced sign vocabulary, sophisticated ASL grammatical structures, conversation behaviors, and various aspects of Deaf culture.

Chinese 1 A&B

06401G12 / 06401G22

Prerequisite: None

Grade(s): 9, 10, 11, 12

Credits: 2

Students must register for both terms A and B.

This course is designed for students with little or no background in the target language. (To strengthen skills before Level 2, this course is also recommended for students who earned less than 75% in 7th & 8th grade.) The major emphasis in this course will be on the development of listening and speaking skills. Students will also begin to read and write using basic language structures and investigate relevant cultural traditions.

Chinese 2 A&B

06402G12 / 06402G22

Prerequisite: Chinese 1 A&B or two years of 7th & 8th grade language study (recommended grade of 75% or higher), or teacher recommendation

Grade(s): 9, 10, 11, 12

Credits: 2

Students must register for both terms A and B.

In this semester long course, students will continue to learn the features of language

World Language Courses

necessary for simple communication in varied applications. In the target language, they will comprehend spoken and written information (including the use of Chinese characters in Chinese II) and communicate simple information. In addition, students will recognize and identify relevant cultural traditions.

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Chinese 3 A&B

06403G12 / 06403G22

Prerequisite: Chinese 2 A&B

Grade(s): 9, 10, 11, 12

Credits: 2

Students must register for both terms A and B.

In this semester-long course, students will continue to learn the features of language necessary for basic communication in varied applications. In the target language, students will comprehend spoken and written information and communicate basic information. They will continue to recognize and identify relevant cultural traditions.

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Chinese 4 A&B

06404G12 / 06404G22

Prerequisite: Chinese 3 A&B

Grade(s): 10, 11, 12

Credits: 2

In this semester-long course, students will continue to learn the features of language necessary for communication in more complicated applications. In the target language, they will comprehend spoken and written information and communicate more complicated information. They will continue to recognize relevant cultural traditions.

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Chinese 5 A&B

06405E12 / 06405E22

Prerequisite: Chinese 4 A&B

Grade(s): 10, 11, 12

Credits: 2

Students must register for both terms A and B.

In this semester-long course, students will learn the features of language necessary for communication in more complicated applications. In Chinese, they will comprehend spoken and written information and communicate complex information. They will read and write Chinese characters and recognize Chinese cultural traditions.

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